



Alcatel-Lucent 5620

SERVICE AWARE MANAGER

NETWORK ELEMENT COMPATIBILITY GUIDE

3HE 06686 AAAA TQZZA Edition 122

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Alcatel-Lucent License Agreement

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- 1.1 Subject to the terms and conditions of this Agreement, Alcatel-Lucent grants to Customer and Customer accepts a nonexclusive, nontransferable license to use any software and related documentation provided by Alcatel-Lucent pursuant to this Agreement ("Licensed Program") for Customer's own internal use, solely in conjunction with hardware supplied or approved by Alcatel-Lucent. In case of equipment failure, Customer may use the Licensed Program on a backup system, but only for such limited time as is required to rectify the failure.
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- 1.3 Use of the Licensed Program may be subject to the issuance of an application key, which shall be conveyed to the Customer in the form of a Supplement to this End User License Agreement. The purchase of a license extension may require the issuance of a new application key.

2. PROTECTION AND SECURITY OF LICENSED PROGRAMS

- 2.1 Customer acknowledges and agrees that the Licensed Program contains proprietary and confidential information of Alcatel-Lucent and its third party suppliers, and agrees to keep such information confidential. Customer shall not disclose the Licensed Program except to its employees having a need to know, and only after they have been advised of its confidential and proprietary nature and have agreed to protect same.
- 2.2 All rights, title and interest in and to the Licensed Program, other than those expressly granted to Customer herein, shall remain vested in Alcatel-Lucent or its third party suppliers. Customer shall not, and shall prevent others from copying, translating, modifying, creating derivative works, reverse engineering, decompiling, encumbering or otherwise using the Licensed Program except as specifically authorized under this Agreement. Notwithstanding the foregoing, Customer is authorized to make one copy for its archival purposes only. All appropriate copyright and other proprietary notices and legends shall be placed on all Licensed Programs supplied by Alcatel-Lucent, and Customer shall maintain and reproduce such notices on any full or partial copies made by it.

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- 3.1 This Agreement shall become effective for each Licensed Program upon delivery of the Licensed Program to Customer.

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- 3.2 Alcatel-Lucent may terminate this Agreement: (a) upon notice to Customer if any amount payable to Alcatel-Lucent is not paid within thirty (30) days of the date on which payment is due; (b) if Customer becomes bankrupt, makes an assignment for the benefit of its creditors, or if its assets vest or become subject to the rights of any trustee, receiver or other administrator; (c) if bankruptcy, reorganization or insolvency proceedings are instituted against Customer and not dismissed within 15 days; or (d) if Customer breaches a material provision of this Agreement and such breach is not rectified within 15 days of receipt of notice of the breach from Alcatel-Lucent.
- 3.3 Upon termination of this Agreement, Customer shall return or destroy all copies of the Licensed Program. All obligations of Customer arising prior to termination, and those obligations relating to confidentiality and nonuse, shall survive termination.

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- 5.1 Customer shall receive software support and upgrades for the Licensed Program only to the extent provided for in the applicable Alcatel-Lucent software support policy in effect from time to time, and upon payment of any applicable fees. Unless expressly excluded, this Agreement shall be deemed to apply to all updates, upgrades, revisions, enhancements and other software which may be supplied by Alcatel-Lucent to Customer from time to time.

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- 7.1 IN NO EVENT SHALL THE TOTAL COLLECTIVE LIABILITY OF ALCATEL-LUCENT, ITS EMPLOYEES, DIRECTORS, OFFICERS OR AGENTS FOR ANY CLAIM, REGARDLESS OF VALUE OR NATURE, EXCEED THE AMOUNT PAID UNDER THIS AGREEMENT FOR THE LICENSED PROGRAM THAT IS THE SUBJECT MATTER OF THE CLAIM. IN NO EVENT SHALL THE TOTAL COLLECTIVE LIABILITY OF ALCATEL-LUCENT, ITS EMPLOYEES, DIRECTORS, OFFICERS OR AGENTS FOR ALL CLAIMS EXCEED THE TOTAL AMOUNT PAID BY CUSTOMER TO ALCATEL-LUCENT HEREUNDER. NO PARTY SHALL BE LIABLE FOR ANY INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, WHETHER OR NOT SUCH DAMAGES ARE FORESEEABLE, AND/OR THE PARTY HAD BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
- 7.2 The foregoing provision limiting the liability of Alcatel-Lucent's employees, agents, officers and directors shall be deemed to be a trust provision, and shall be enforceable by such employees, agents, officers and directors as trust beneficiaries.

8. GENERAL

- 8.1 Under no circumstances shall either party be liable to the other for any failure to perform its obligations (other than the payment of any monies owing) where such failure results from causes beyond that party's reasonable control.
- 8.2 This Agreement constitutes the entire agreement between Alcatel-Lucent and Customer and supersedes all prior oral and written communications. All amendments shall be in writing and signed by authorized representatives of both parties.
- 8.3 If any provision of this Agreement is held to be invalid, illegal or unenforceable, it shall be severed and the remaining provisions shall continue in full force and effect.
- 8.4 The Licensed Program may contain freeware or shareware obtained by Alcatel-Lucent from a third party source. No license fee has been paid by Alcatel-Lucent for the inclusion of any such freeware or shareware, and no license fee is charged to Customer for its use. The Customer agrees to be bound by any license agreement for such freeware or shareware. CUSTOMER ACKNOWLEDGES AND AGREES THAT THE THIRD PARTY SOURCE PROVIDES NO WARRANTIES AND SHALL HAVE NO LIABILITY WHATSOEVER IN RESPECT OF CUSTOMER'S POSSESSION AND/OR USE OF THE FREWARE OR SHAREWARE.
- 8.5 Alcatel-Lucent shall have the right, at its own expense and upon reasonable written notice to Customer, to periodically inspect Customer's premises and such documents as it may reasonably require, for the exclusive purpose of verifying Customer's compliance with its obligations under this Agreement.
- 8.6 All notices shall be sent to the parties at the addresses listed above, or to any such address as may be specified from time to time. Notices shall be deemed to have been received five days after deposit with a post office when sent by registered or certified mail, postage prepaid and receipt requested.
- 8.7 If the Licensed Program is being acquired by or on behalf of any unit or agency of the United States Government, the following provision shall apply: If the Licensed Program is supplied to the Department of Defense, it shall be classified as "Commercial Computer Software" and the United States Government is acquiring only "restricted rights" in the Licensed Program as defined in DFARS 227-7202-1(a) and 227.7202-3(a), or equivalent. If the Licensed Program is supplied to any other unit or agency of the United States Government, rights will be defined in Clause 52.227-19 or 52.227-14 of the FAR, or if acquired by NASA, Clause 18-52.227-86(d) of the NASA Supplement to the FAR, or equivalent. If the software was acquired under a contract subject to the October 1988 Rights in Technical Data and Computer Software regulations, use, duplication and disclosure by the Government is subject to the restrictions set forth in DFARS 252-227.7013(c)(1)(ii) 1988, or equivalent.
- 8.8 Customer shall comply with all export regulations pertaining to the Licensed Program in effect from time to time. Without limiting the generality of the foregoing, Customer expressly warrants that it will not directly or indirectly export, reexport, or transship the Licensed Program in violation of any export laws, rules or regulations of Canada, the United States or the United Kingdom.

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- 8.9 No term or provision of this Agreement shall be deemed waived and no breach excused unless such waiver or consent is in writing and signed by the party claimed to have waived or consented. The waiver by either party of any right hereunder, or of the failure to perform or of a breach by the other party, shall not be deemed to be a waiver of any other right hereunder or of any other breach or failure by such other party, whether of a similar nature or otherwise.
- 8.10 This Agreement shall be governed by and construed in accordance with the laws of the Province of Ontario. The application of the United Nations Convention on Contracts for the International Sale of Goods is hereby expressly excluded.

Preface

The Preface provides general information about the 5620 Service Aware Manager documentation suite, including this guide.

Prerequisites

Readers of the 5620 SAM documentation suite are assumed to be familiar with the following:

- 5620 SAM software structure and components
- 5620 SAM GUI operations and tools
- typical 5620 SAM management tasks and procedures
- device and network management concepts

5620 SAM documentation suite

The 5620 SAM documentation suite describes the 5620 SAM and the associated network management of its supported devices. Contact your Alcatel-Lucent support representative for information about specific network or facility considerations.

Table 1 lists the documents in the 5620 SAM customer documentation suite.

Table 1 5620 SAM customer documentation suite

Guide	Description
5620 SAM core documentation	
5620 SAM Release Description	The 5620 SAM Release Description provides information about the new features associated with a 5620 SAM software release.

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Guide	Description
<i>5620 SAM Planning Guide</i>	The <i>5620 SAM Planning Guide</i> provides information about 5620 SAM scalability and recommended hardware configurations.
<i>5620 SAM System Architecture Guide</i>	The <i>5620 SAM System Architecture Guide</i> is intended for technology officers and network planners to increase their knowledge of the 5620 SAM software structure and components. It describes the system structure, software components, and interfaces of the 5620 SAM. In addition, 5620 SAM fault tolerance, security, and network management capabilities are discussed from an architectural perspective.
<i>5620 SAM 5650 CPAM Installation and Upgrade Guide</i>	The <i>5620 SAM 5650 CPAM Installation and Upgrade Guide</i> provides OS considerations, configuration information, and procedures for the following: <ul style="list-style-type: none"> installing, upgrading, and uninstalling 5620 SAM and 5650 CPAM software in standalone and redundant deployments 5620 SAM system migration to a different system conversion from a standalone to a redundant 5620 SAM system
<i>5620 SAM User Guide</i>	The <i>5620 SAM User Guide</i> provides information about using the 5620 SAM to manage the service-aware IP/MPLS network, including GUI basics, commissioning, service configuration, and policy management. The <i>5620 SAM User Guide</i> uses a task-based format. Each chapter contains: <ul style="list-style-type: none"> a workflow that describes the steps for configuring and using the functions detailed procedures that list the configurable parameters on the associated forms 5620 SAM management information specific to LTE network elements is covered in the <i>5620 SAM LTE ePC User Guide</i> and <i>5620 SAM LTE RAN User Guide</i> . 5620 SAM management information specific to 1830 PSS network elements is covered in the <i>5620 SAM Optical User Guide</i> .
<i>5620 SAM Integration Guide</i>	The <i>5620 SAM Integration Guide</i> provides procedures to allow the 5620 SAM to integrate with additional components.
<i>5620 SAM Supervision Module User Guide</i>	The <i>5620 SAM Supervision Module User Guide</i> provides information about how to configure and use the web-based 5620 SAM Supervision Module for fault management and at-a-glance network element monitoring.
<i>5620 SAM Scripts and Templates Developer Guide</i>	The <i>5620 SAM Scripts and Templates Developer Guide</i> provides information that allows you to develop, manage, and execute CLI-based or XML-based scripts or templates. The guide is intended for developers, skilled administrators, and operators who are expected to be familiar with the following: <ul style="list-style-type: none"> CLI scripting, XML, and the Velocity engine basic scripting or programming 5620 SAM functions
<i>5620 SAM Parameter Guide</i>	The <i>5620 SAM Parameter Guide</i> provides: <ul style="list-style-type: none"> parameter descriptions that include value ranges and default values parameter options and option descriptions parameter and option dependencies parameter mappings to the 5620 SAM-O XML equivalent property names There are dynamic links between the procedures in the <i>5620 SAM User Guide</i> and the parameter descriptions in the <i>5620 SAM Parameter Guide</i> . Parameters specific to LTE network elements are covered in the <i>5620 SAM LTE Parameter Reference</i> . Parameters specific to 1830 PSS network elements are covered in the <i>5620 SAM Optical Parameter Reference</i> .
<i>5620 SAM Statistics Management Guide</i>	The <i>5620 SAM Statistics Management Guide</i> provides information about how to configure performance and accounting statistics collection and how to view counters using the 5620 SAM. Network examples are included.

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Guide	Description
<i>5620 SAM Maintenance Guide</i>	The <i>5620 SAM Maintenance Guide</i> provides procedures for: <ul style="list-style-type: none"> generating baseline information for 5620 SAM applications performing daily, weekly, monthly, and as-required maintenance activities for 5620 SAM-managed networks
<i>5620 SAM Troubleshooting Guide</i>	The <i>5620 SAM Troubleshooting Guide</i> provides task-based procedures and user documentation to: <ul style="list-style-type: none"> help resolve issues in the managed and management networks identify the root cause and plan corrective action for: <ul style="list-style-type: none"> alarm conditions on a network object or customer service problems on customer services with no associated alarms list problem scenarios, possible solutions, and tools to help check: <ul style="list-style-type: none"> network management LANs network management platforms and operating systems 5620 SAM client GUIs and client OSS applications 5620 SAM servers 5620 SAM databases
<i>5620 SAM Alarm Reference</i>	The <i>5620 SAM Alarm Reference</i> provides a list of all alarms that the 5620 SAM can raise. The reference is organized by network element type.
<i>5620 SAM Glossary</i>	The <i>5620 SAM Glossary</i> defines terms and acronyms used in all of the 5620 SAM documentation, including 5620 SAM LTE documentation.
<i>5620 SAM Network Element Compatibility Guide</i>	The <i>5620 SAM Network Element Compatibility Guide</i> provides release-specific information about the compatibility of managed device features in 5620 SAM releases.
5620 SAM LTE documentation	
<i>5620 SAM LTE RAN Release Description</i>	The <i>5620 SAM LTE RAN Release Description</i> provides information about the LTE RAN features associated with the release.
<i>5620 SAM LTE ePC User Guide</i>	The <i>5620 SAM LTE ePC User Guide</i> describes how to discover, configure, and manage LTE ePC devices using the 5620 SAM. The guide is intended for LTE ePC network planners, administrators, and operators. Alcatel-Lucent recommends that you review the entire <i>5620 SAM LTE ePC User Guide</i> before you attempt to use the 5620 SAM in your LTE network.
<i>5620 SAM LTE RAN User Guide</i>	The <i>5620 SAM LTE RAN User Guide</i> describes how to discover, configure, and manage the Evolved NodeB, or eNodeB, using the 5620 SAM. The guide is intended for LTE RAN network planners, administrators, and operators. Alcatel-Lucent recommends that you review the entire <i>5620 SAM LTE RAN User Guide</i> before you attempt to use the 5620 SAM in your LTE network.
<i>5620 SAM LTE Parameter Reference</i>	The <i>5620 SAM LTE Parameter Reference</i> provides a list of all LTE ePC and LTE RAN parameters supported in the 5620 SAM.
5620 SAM-O documentation	
<i>5620 SAM XML OSS Interface Developer Guide</i>	The <i>5620 SAM XML OSS Interface Developer Guide</i> provides information that allows you to: <ul style="list-style-type: none"> use the 5620 SAM XML OSS interface to access network management information learn about the information model associated with the managed network develop OSS applications using the packaged methods, classes, data types, and objects necessary to manage 5620 SAM functions
<i>5620 SAM 3GPP OSS Interface Developer Guide</i>	The <i>5620 SAM 3GPP OSS Interface Developer Guide</i> describes the components and architecture of the 3GPP OSS interface to the 5620 SAM. It includes procedures and samples to assist OSS application developers to use the 3GPP interface to manage LTE devices.

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Guide	Description
<i>5620 SAM 3GPP OSS Interface Compliance Statements</i>	The <i>5620 SAM 3GPP OSS Interface Compliance Statements</i> document describes the compliance of the 5620 SAM 3GPP OSS interface with the 3GPP standard.
5620 SAM optical documentation	
<i>5620 SAM Optical User Guide</i>	The <i>5620 SAM Optical User Guide</i> describes how to discover, configure, and manage optical devices using the 5620 SAM. The guide is intended for optical network planners, administrators, and operators. Alcatel-Lucent recommends that you review the entire <i>5620 SAM Optical User Guide</i> before you attempt to use the 5620 SAM in your network.
<i>5620 SAM Optical Parameter Reference</i>	The <i>5620 SAM Optical Parameter Reference</i> provides a list of all optical device parameters supported in the 5620 SAM.

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Obtaining customer documentation

You can obtain 5620 SAM customer documentation:

- from the product
- on the web

On-product documentation

The 5620 SAM on-product customer documentation is delivered in HTML and PDF. Choose Help→User Documentation from the 5620 SAM client GUI to open the help system in a web browser.

The help system opens to the User Documentation Index, which provides a summary of and links to all 5620 SAM customer documents.

Click on the Using the help system tab on the User Documentation Index page to find usage tips for navigating and searching within the on-product customer documentation.

You can return to the User Documentation Index at any time by clicking on the Home icon, shown in Figure 1.

Figure 1 Home icon



Documentation on the web

The 5620 SAM customer documentation is available for download in PDF format from the Alcatel-Lucent Customer Support Center: <http://www.alcatel-lucent.com/myaccess>. If you are a new user and require access to this service, please contact your Alcatel-Lucent support representative.

In addition to the guides listed in Table 1, Release Notices and other documents not delivered on-product are posted to this site.

Working with PDFs

You can download PDFs of individual guides from the Alcatel-Lucent Customer Support Center, or you can choose to download a zip of all PDFs for a particular release.

You can use the Search function of Acrobat Reader (File→Search) to find a term in a PDF of any 5620 SAM document. To refine your search, use appropriate search options (for example, search for whole words only or enable case-sensitive searching). You can also search for a term in multiple PDFs at once, provided that they are located in the same directory. For more information, see the Help for Acrobat Reader.

Cross-book hotlinks, for example, from a parameter name in the *5620 SAM User Guide* to a description of that parameter in the *5620 SAM Parameter Guide*, work only if both PDF files are in the same directory.



Note — Users of Mozilla browsers may receive an error message when opening the PDF files in the 5620 SAM documentation suite. The offline storage and default cache values used by the browsers are the cause of the error message.

Alcatel-Lucent recommends changing the Mozilla Firefox offline storage or Mozilla 1.7 cache value to 100 Mbytes to eliminate the error message.

Documentation conventions

Table 2 lists the conventions that are used throughout the documentation.

Table 2 Documentation conventions

Convention	Description	Example
Key name	Press a keyboard key	Delete
Italics	Identifies a variable	<i>hostname</i>
Key+Key	Type the appropriate consecutive keystroke sequence	CTRL+G
Key-Key	Type the appropriate simultaneous keystroke sequence	CTRL-G
*	An asterisk is a wildcard character, which means “any character” in a search argument.	log_file*.txt
↵	Press the Return key	↵
—	An em dash indicates there is no information.	—
→	Indicates that a cascading submenu results from selecting a menu item	Policies→Alarm Policies

Procedures with options or substeps

When there are options in a procedure, they are identified by letters. When there are substeps in a procedure, they are identified by Roman numerals.

Example of options in a procedure

At step 1, you can choose option a or b. At step 2, you must do what the step indicates.

- 1 This step offers two options. You must choose one of the following.
 - a This is one option.
 - b This is another option.
- 2 You must perform this step.

Example of substeps in a procedure

At step 1, you must perform a series of substeps within a step. At step 2, you must do what the step indicates.

- 1 This step has a series of substeps that you must perform to complete the step. You must perform the following substeps.
 - i This is the first substep.
 - ii This is the second substep.
 - iii This is the third substep.
- 2 You must perform this step.

Measurement conventions

Measurements in this document are expressed in metric units and follow the *Système international d'unités* (SI) standard for abbreviation of metric units. If imperial measurements are included, they appear in brackets following the metric unit.

Table 3 lists the measurement symbols used in this document.

Table 3 Bits and bytes conventions

Measurement	Symbol
bit	b
byte	byte
kilobits per second	kb/s

Important information

The following conventions are used to indicate important information:



Warning — Warning indicates that the described activity or situation may, or will, cause equipment damage or serious performance problems.



Caution — Caution indicates that the described activity or situation may, or will, cause service interruption.



Note — Notes provide information that is, or may be, of special interest.

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5620 SAM 6.1

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44.1	Release compatibility	44-2
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1 — *Introduction*

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1.1 About this document

The *5620 SAM Network Element Compatibility Guide* describes the compatibility between the supported releases of the 5620 SAM and the following network elements:

- 7750 SR
- 7450 ESS
- 7710 SR
- 7705 SAR
- 7210 SAS
- 7250 SAS
- 7750 MG
- 9471 MME
- 5780 DSC
- eNodeB
- Telco T5 Compact
- OmniSwitch
- 9500 MPR
- 1830 PSS

Use this document in conjunction with the relevant *5620 SAM Release Description* to determine the level of functionality supported by the 5620 SAM.

We plan to publish this document frequently in order to document the compatibility of the 5620 SAM with new product releases. The latest version of the guide 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=DOC>

1.2 Using this document

Each chapter in this document describes the compatibility between a release of the 5620 SAM and a network element.

Release compatibility tables at the beginning of each chapter provide the compatibility information about specific releases of the 5620 SAM and the network elements as follows:

- A check mark (✓) indicates full compatibility between the release of the 5620 SAM and the release of the network element.
- NC indicates that the release of the 5620 SAM and the release of the network element are not compatible.
- A link to another table in the chapter indicates compatibility with limitations.

Compatibility limitations tables list the compatibility limitations which exist in a particular release of a network element and show which releases of the 5620 SAM those limitations apply to. Compatibility limitations tables are populated as follows:

- A diamond (◆) indicates that the limitation applies.
- An em dash (—) indicates that the limitation does not apply.
- NC indicates that the releases are not compatible.



Note — A compatibility limitations table will be shown only if compatibility limitations exist between at least one release of the 5620 SAM and the release of the network element.

5620 SAM 9.0

- 2 – 5620 SAM 9.0 compatibility with 7750 SR
- 3 – 5620 SAM 9.0 compatibility with 7450 ESS
- 4 – 5620 SAM 9.0 compatibility with 7710 SR
- 5 – 5620 SAM 9.0 compatibility with 7705 SAR
- 6 – 5620 SAM 9.0 compatibility with 7210 SAS
- 7 – 5620 SAM 9.0 compatibility with 7250 SAS
- 8 – 5620 SAM 9.0 compatibility with 7750 MG
- 9 – 5620 SAM 9.0 compatibility with 9471 MME
- 10 – 5620 SAM 9.0 compatibility with 5780 DSC
- 11 – 5620 SAM 9.0 compatibility with 9412 / 9926 eNodeB
- 12 – 5620 SAM 9.0 compatibility with Telco T5 Compact
- 13 – 5620 SAM 9.0 compatibility with OmniSwitch
- 14 – 5620 SAM 9.0 compatibility with 9500 MPR
- 15 – 5620 SAM 9.0 compatibility with 1830 PSS

2 — 5620 SAM 9.0 compatibility with 7750 SR

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2.1 Release compatibility

Table 2-1 lists the release compatibility between the 5620 SAM, Release 9.0, and the 7750 SR. Any compatibility limitations are described in sections 2.2, 2.3, 2.4, 2.5, and 2.6.

Table 2-1 5620 SAM 9.0 compatibility with 7750 SR

7750 SR release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
9.0 R4 to R8	See Table 2-2.					
9.0 R3	See Table 2-3.					
9.0 R1 to R2	See Table 2-4.					
8.0 R10 to R12	See Table 2-5.					
8.0 R9	See Table 2-6.					
8.0 R7	See Table 2-7.					
8.0 R6	See Table 2-8.					
8.0 R5	See Table 2-9.					
8.0 R4	See Table 2-10.					
8.0 R3	See Table 2-11.					
8.0 R1 to R2	See Table 2-12.					
7.0 R19 to R20	See Table 2-13.					
7.0 R17 to R18	See Table 2-14.					
7.0 R14 to R16	See Table 2-15.					
7.0 R13	See Table 2-16.					
7.0 R12	See Table 2-17.					
7.0 R10 to R11	See Table 2-18.					
7.0 R8 to R9	See Table 2-19.					
7.0 R7	See Table 2-20.					
7.0 R6	See Table 2-21.					
7.0 R5	See Table 2-22.					
7.0 R3	See Table 2-23.					
6.1 R20	See Table 2-24.					
6.1 R18 to R19	See Table 2-25.					
6.1 R17	See Table 2-26.					
6.1 R15 to R16	See Table 2-27.					
6.1 R14	See Table 2-28.					
6.1 R13	See Table 2-29.					
6.1 R12	See Table 2-30.					

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7750 SR release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
6.1 R11	See Table 2-31.					
6.1 R10	See Table 2-32.					
6.1 R9	See Table 2-33.					
6.1 R7 to R8	See Table 2-34.					
6.1 R6	See Table 2-35.					
6.0 R18 to R19	See Table 2-36.					
6.0 R17	See Table 2-37.					
6.0 R16	See Table 2-38.					
6.0 R15	See Table 2-39.					
6.0 R14	See Table 2-40.					
6.0 R13	See Table 2-41.					
6.0 R12	See Table 2-42.					
6.0 R11	See Table 2-43.					
6.0 R10	See Table 2-44.					
6.0 R9	See Table 2-45.					
6.0 R7 to R8	See Table 2-46.					
6.0 R6	See Table 2-47.					
6.0 R5	See Table 2-48.					
6.0 R3	See Table 2-50.					
6.0 R2	See Table 2-51.					
6.0 R1	See Table 2-52.					
5.0 or earlier	NC	NC	NC	NC	NC	NC

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2.2 7750 SR 9.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 9.0.

Table 2-2 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 9.0 R4 to R8.

Table 2-2 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 9.0 R4 to R8

7750 SR 9.0 R4 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Disabling MPLS. Disabling MPLS from the 5620 SAM erroneously reports a deployment problem. However, the transaction may actually execute successfully on the router. This deployment error can be manually cleared from the 5620 SAM. This applies to the management of the 7750 SR/7450 ESS/7710 SR 9.0 R8 only.	◆	◆	◆	◆	◆	—
BGP Deployment Error. 5620 SAM does not support creation, modification of address family value in BGP instance. [611671]	◆	◆	◆	◆	—	—
Exception On AA Discovery. 5620 SAM does not support unpartitioned groups. [610542]	◆	◆	◆	—	—	—
DHCP Filter Capability. 5620 SAM does not support dhcp filters. [609989]	◆	◆	◆	◆	◆	◆
Credit Control IPv6 Filter. 5620 SAM does not support new range of icmp-code and icmp-type. [609984]	◆	◆	◆	◆	◆	◆
Multi-segment PW Routing. 5620 SAM does not support Multi-Segment Pseudowire Routing (Dynamic MS-Pws). [609964]	◆	◆	◆	◆	—	—
Extensions to ATM/ETHERNET Last-mile Aware QoS for BNG. 5620 SAM does not support Extensions to ATM/ETHERNET Last-mile Aware QoS for Broadband Network Gateway. [609997]	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messages for VPRN Services. [607059]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).	◆	◆	—	—	—	—
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	—	—
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆

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7750 SR 9.0 R4 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Percentage Based BW in QoS policies. 5620 SAM does not support Percentage Based Bandwidth in QoS Policies. [609976]	◆	◆	—	—	—	—
VID Filters. 5620 SAM does not support VLAN in MAC filter inc. bitmask for ACL and QoS policies . [609969]	◆	◆	—	—	—	—
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆

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Table 2-3 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 9.0 R3.

Table 2-3 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 9.0 R3

7750 SR 9.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
DHCP Filter Capability. 5620 SAM does not support dhcp filters. [609989]	◆	◆	◆	◆	◆	◆
Credit Control IPv6 Filter. 5620 SAM does not support new range of icmp-code and icmp-type. [609984]	◆	◆	◆	◆	◆	◆
Multi-segment PW Routing. 5620 SAM does not support Multi-Segment Pseudowire Routing (Dynamic MS-Pws). [609964]	◆	◆	◆	◆	—	—

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7750 SR 9.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Extensions to ATM/ETHERNET Last-mile Aware QoS for BNG. 5620 SAM does not support Extensions to ATM/ETHERNET Last-mile Aware QoS for Broadband Network Gateway. [609997]	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messages for VPRN Services. [607059]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).	◆	◆	—	—	—	—
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	—	—
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tnmnxVdoSGAdiMinPort, tnmnxVdoSGAdiMaxPort and tnmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Percentage Based BW in QoS policies. 5620 SAM does not support Percentage Based Bandwidth in QoS Policies. [609976]	◆	◆	—	—	—	—

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7750 SR 9.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
VID Filters. 5620 SAM does not support VLAN in MAC filter inc. bitmask for ACL and QoS policies . [609969]	◆	◆	—	—	—	—
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆

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Table 2-4 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 9.0 R1 to R2.

Table 2-4 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 9.0 R1 to R2

7750 SR 9.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059]	◆	◆	◆	◆	◆	◆
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	—	—	—	—
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).	◆	◆	—	—	—	—
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆

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7750 SR 9.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	—	—
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	—	—	—
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tnmVdoSGAdiMinPort, tnmVdoSGAdiMaxPort and tnmVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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2.3 7750 SR 8.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 8.0.

Table 2-5 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 8.0 R10 to R12.

Table 2-5 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 8.0 R10 to R12

7750 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PPP LCP Protocol Reject. 5620 SAM does not support provisioning PPP policy to “reject-disabled-ncp” if ipv6 was not configured”. [610833]	◆	◆	◆	◆	◆	◆
Credit Control IPv6 Filter. 5620 SAM does not support new range of icmp-code and icmp-type. [610781]	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
CBS Pool Alarm Thresholds. 5620 SAM does not support provisioning or monitoring of pool alarm thresholds for CBS. [610784]	◆	◆	◆	◆	—	—
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messages for VPRN Services. [607059]	◆	◆	◆	◆	◆	◆
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	—	—	—	—
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	—	—
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Table 2-6 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 8.0 R9.

Table 2-6 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 8.0 R9

7750 SR 8.0 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messages for VPRN Services. [607059]	◆	◆	◆	◆	◆	◆
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	—	—	—	—
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).	◆	◆	—	—	—	—
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	—	—
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—

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7750 SR 8.0 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Note — The 7750 SR, Release 8.0 R8, was never released to the field.

Table 2-7 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 8.0 R7.

Table 2-7 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 8.0 R7

7750 SR 8.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]	◆	◆	◆	◆	—	—
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	—	—	—	—
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).	◆	◆	—	—	—	—
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	—	—

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7750 SR 8.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Table 2-8 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 8.0 R6.

Table 2-8 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 8.0 R6

7750 SR 8.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).	◆	◆	—	—	—	—
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	—	—

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7750 SR 8.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Table 2-9 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 8.0 R5.

Table 2-9 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 8.0 R5

7750 SR 8.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).	◆	◆	—	—	—	—
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	—	—
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Table 2-10 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 8.0 R4.

Table 2-10 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 8.0 R4

7750 SR 8.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(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).	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	—	—
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—

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7750 SR 8.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Table 2-11 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 8.0 R3.

Table 2-11 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 8.0 R3

7750 SR 8.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	—	—
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

Table 2-12 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 8.0 R1 to R2.

Table 2-12 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 8.0 R1 to R2

7750 SR 8.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	—	—
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tnmnxVdoSGAdiMinPort, tnmnxVdoSGAdiMaxPort and tnmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

2.4 7750 SR 7.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 7.0.

Table 2-13 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 7.0 R19 to R20.

Table 2-13 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 7.0 R19 to R20

7750 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messages for VPRN Services. [608929]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	—	—
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	—	—
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	—	—
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Table 2-14 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 7.0 R17 to R18.

Table 2-14 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 7.0 R17 to R18

7750 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	—	—
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	—	—
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—

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7750 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	—	—
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Table 2-15 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 7.0 R14 to R16.

Table 2-15 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 7.0 R14 to R16

7750 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	—	—
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	—	—
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	—	—
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	—	—
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Table 2-16 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 7.0 R13.

Table 2-16 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 7.0 R13

7750 SR 7.0 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	—	—
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—

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7750 SR 7.0 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	—	—
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	—	—
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Table 2-17 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 7.0 R12.

Table 2-17 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 7.0 R12

7750 SR 7.0 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	—	—
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	—	—
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Table 2-18 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 7.0 R10 to R11.

Table 2-18 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 7.0 R10 to R11

7750 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	—	—
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	—	—
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆		
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Table 2-19 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 7.0 R8 to R9.

Table 2-19 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 7.0 R8 to R9

7750 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—

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7750 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	—	—
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	—	—
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Table 2-20 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 7.0 R7.

Table 2-20 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 7.0 R7

7750 SR 7.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	—	—
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	—	—
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Table 2-21 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 7.0 R6.

Table 2-21 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 7.0 R6

7750 SR 7.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	—	—
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

Table 2-22 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 7.0 R5.

Table 2-22 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 7.0 R5

7750 SR 7.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

Table 2-23 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 7.0 R3.

Table 2-23 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 7.0 R3

7750 SR 7.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	◆	◆	◆

2.5 7750 SR 6.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.1.

Table 2-24 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.1 R20.

Table 2-24 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.1 R20

7750 SR 6.1 R20 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [613097]	◆	◆	◆	◆	◆	◆
IMPM hi-bwmcst-src default-paths-only parameter. 5620 SAM does not support hi-bwmcst-src default-paths-only parameter. [613041]	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R20 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	—	—
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	—	—
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.	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆		
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆

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Table 2-25 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.1 R18 to R19.

Table 2-25 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.1 R18 to R19

7750 SR 6.1 R18 to R19 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	—	—
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	—	—

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7750 SR 6.1 R18 to R19 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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.	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	—	—
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆

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Table 2-26 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.1 R17.

Table 2-26 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.1 R17

7750 SR 6.1 R17 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	—	—
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	—	—
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.	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	—	—

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7750 SR 6.1 R17 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	—	—
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆

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Table 2-27 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.1 R15 to R16.

Table 2-27 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.1 R15 to R16

7750 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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.	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	—	—
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆

Table 2-28 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.1 R14.

Table 2-28 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.1 R14

7750 SR 6.1 R14 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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.	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	—	—
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆

Table 2-29 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.1 R13.

Table 2-29 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.1 R13

7750 SR 6.1 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	—	—
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆

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Table 2-30 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.1 R12.

Table 2-30 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.1 R12

7750 SR 6.1 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	—	—
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆

Table 2-31 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.1 R11.

Table 2-31 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.1 R11

7750 SR 6.1 R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆

Table 2-32 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.1 R10.

Table 2-32 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.1 R10

7750 SR 6.1 R10 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆

Table 2-33 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.1 R9.

Table 2-33 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.1 R9

7750 SR 6.1 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆

Table 2-34 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.1 R7 to R8.

Table 2-34 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.1 R7 to R8

7750 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆

Table 2-35 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.1 R6.

Table 2-35 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.1 R6

7750 SR 6.1 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆

2.6 7750 SR 6.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0.

Table 2-36 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R18 to R19.

Table 2-36 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R18 to R19

7750 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆

Table 2-37 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R17.

Table 2-37 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R17

7750 SR 6.0 R17 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆

Table 2-38 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R16.

Table 2-38 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R16

7750 SR 6.0 R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆

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Table 2-39 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R15.

Table 2-39 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R15

7750 SR 6.0 R15 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆

Table 2-40 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R14.

Table 2-40 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R14

7750 SR 6.0 R14 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆

Table 2-41 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R13.

Table 2-41 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R13

7750 SR 6.0 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆

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Table 2-42 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R12.

Table 2-42 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R12

7750 SR 6.0 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆

Table 2-43 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R11.

Table 2-43 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R11

7750 SR 6.0 R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆

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Table 2-44 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R10.

Table 2-44 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R10

7750 SR 6.0 R10 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆

Table 2-45 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R9.

Table 2-45 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R9

7750 SR 6.0 R9 Compatibility Statement	◆	◆	◆	◆	◆	◆
	R1	R2	R3	R4	R5	R6
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆

Table 2-46 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R7 to R8.

Table 2-46 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R7 to R8

7750 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	◆	◆	◆	◆	◆	◆

Table 2-47 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R6.

Table 2-47 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R6

7750 SR 6.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	◆	◆	◆	◆	◆	◆

Table 2-48 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R5.

Table 2-48 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R5

7750 SR 6.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	◆	◆	◆	◆	◆	◆

Table 2-49 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R4.

Table 2-49 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R4

7750 SR 6.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	◆	◆	◆	◆	◆	◆

Table 2-50 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R3.

Table 2-50 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R3

7750 SR 6.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	◆	◆	◆	◆	◆	◆

Table 2-51 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R2.

Table 2-51 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R2

7750 SR 6.0 R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆

Table 2-52 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 SR, Release 6.0 R1.

Table 2-52 Compatibility limitations between 5620 SAM 9.0 and 7750 SR 6.0 R1

7750 SR 6.0 R1 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	◆	◆	◆	◆	◆	◆

3 — 5620 SAM 9.0 compatibility with 7450 ESS

3.1	Release compatibility	3-2
3.2	7450 ESS 9.0	3-4
3.3	7450 ESS 8.0	3-9
3.4	7450 ESS 7.0	3-24
3.5	7450 ESS 6.1	3-45
3.6	7450 ESS 6.0	3-63

3.1 Release compatibility

Table 3-1 lists the release compatibility between the 5620 SAM, Release 9.0, and the 7450 ESS. Any compatibility limitations are described in sections 3.2, 3.3, 3.4, 3.5, and 3.6.

Table 3-1 5620 SAM 9.0 compatibility with 7450 ESS

7450 ESS release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
9.0 R4 to R8	See Table 3-2.					
9.0 R3	See Table 3-3.					
9.0 R1 to R2	See Table 3-4.					
8.0 R10 to R12	See Table 3-5.					
8.0 R9	See Table 3-6.					
8.0 R7	See Table 3-7.					
8.0 R6	See Table 3-8.					
8.0 R5	See Table 3-9.					
8.0 R4	See Table 3-10.					
8.0 R3	See Table 3-11.					
8.0 R1 to R2	See Table 3-12.					
7.0 R19 to R20	See Table 3-13.					
7.0 R17 to R18	See Table 3-14.					
7.0 R14 to R16	See Table 3-15.					
7.0 R13	See Table 3-16.					
7.0 R12	See Table 3-17.					
7.0 R10 to R11	See Table 3-18.					
7.0 R8 to R9	See Table 3-19.					
7.0 R7	See Table 3-20.					
7.0 R6	See Table 3-21.					
7.0 R5	See Table 3-22.					
7.0 R4	See Table 3-23.					
7.0 R3	See Table 3-24.					
7.0 R1 to R2	See Table 3-25.					
6.1 R20	See Table 3-26.					
6.1 R18 to R19	See Table 3-27.					

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7450 ESS release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
6.1 R17	See Table 3-28.					
6.1 R15 to R16	See Table 3-29.					
6.1 R14	See Table 3-30.					
6.1 R13	See Table 3-31.					
6.1 R12	See Table 3-32.					
6.1 R11	See Table 3-33.					
6.1 R9 to R10	See Table 3-34.					
6.1 R7 to R8	See Table 3-35.					
6.1 R6	See Table 3-36.					
6.1 R5	See Table 3-37.					
6.1 R4	See Table 3-38.					
6.1 R3	See Table 3-39.					
6.1 R1 to R2	See Table 3-40.					
6.0 R18 to R19	See Table 3-41.					
6.0 R17	See Table 3-42.					
6.0 R16	See Table 3-43.					
6.0 R15	See Table 3-44.					
6.0 R13 to R14	See Table 3-45.					
6.0 R12	See Table 3-46.					
6.0 R11	See Table 3-47.					
6.0 R10	See Table 3-48.					
6.0 R9	See Table 3-49.					
6.0 R7 to R8	See Table 3-50.					
6.0 R5 to R6	See Table 3-51.					
6.0 R4	See Table 3-52.					
6.0 R3	See Table 3-53.					
6.0 R2	See Table 3-54.					
6.0 R1	See Table 3-55.					
5.0 or earlier	NC	NC	NC	NC	NC	NC

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3.2 7450 ESS 9.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 9.0.

Table 3-2 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 9.0 R4 to R8.

Table 3-2 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 9.0 R4 to R8

7450 ESS 9.0 R4 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Disabling MPLS. Disabling MPLS from the 5620 SAM erroneously reports a deployment problem. However, the transaction may actually execute successfully on the router. This deployment error can be manually cleared from the 5620 SAM. This applies to the management of the 7750 SR/7450 ESS/7710 SR 9.0 R8 only.	◆	◆	◆	◆	◆	—
BGP Deployment Error. 5620 SAM does not support creation, modification of address family value in BGP instance. [611671]	◆	◆	◆	◆	—	—
Exception On AA Discovery. 5620 SAM does not support unpartitioned groups. [610542]	◆	◆	◆	—	—	—
DHCP Filter Capability. 5620 SAM does not support dhcp filters. [609989]	◆	◆	◆	◆	◆	◆
Credit Control IPv6 Filter. 5620 SAM does not support new range of icmp-code and icmp-type. [609984]	◆	◆	◆	◆	◆	◆
Multi-segment PW Routing. 5620 SAM does not support Multi-Segment Pseudowire Routing (Dynamic MS-Pws). [609964]	◆	◆	◆	◆	—	—
Extentions to ATM/ETHERNET Last-mile Aware QoS for BNG. 5620 SAM does not support Extentions to ATM/ETHERNET Last-mile Aware QoS for Broadband Network Gateway. [609997]	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆

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7450 ESS 9.0 R4 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Percentage Based BW in QoS policies. 5620 SAM does not support Percentage Based Bandwidth in QoS Policies. [609976]	◆	◆	—	—	—	—
VID Filters. 5620 SAM does not support VLAN in MAC filter inc. bitmask for ACL and QoS policies . [609969]	◆	◆	—	—	—	—
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	—	—	—	—
TDCM Dispersion Sweeping. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637]	◆	◆	—	—	—	—

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Table 3-3 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 9.0 R3.

Table 3-3 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 9.0 R3

7450 ESS 9.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
DHCP Filter Capability. 5620 SAM does not support dhcp filters. [609989]	◆	◆	◆	◆	◆	◆
Credit Control IPv6 Filter. 5620 SAM does not support new range of icmp-code and icmp-type. [609984]	◆	◆	◆	◆	◆	◆
Multi-segment PW Routing. 5620 SAM does not support Multi-Segment Pseudowire Routing (Dynamic MS-Pws). [609964]	◆	◆	◆	◆	—	—

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7450 ESS 9.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Extentions to ATM/ETHERNET Last-mile Aware QoS for BNG. 5620 SAM does not support Extentions to ATM/ETHERNET Last-mile Aware QoS for Broadband Network Gateway. [609997]	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Percentage Based BW in QoS policies. 5620 SAM does not support Percentage Based Bandwidth in QoS Policies. [609976]	◆	◆	—	—	—	—
VID Filters. 5620 SAM does not support VLAN in MAC filter inc. bitmask for ACL and QoS policies . [609969]	◆	◆	—	—	—	—
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	—	—	—	—

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7450 ESS 9.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
TDCM Dispersion Sweeping. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637]	◆	◆	—	—	—	—

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Table 3-4 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 9.0 R1 to R2.

Table 3-4 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 9.0 R1 to R2

7450 ESS 9.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messages for VPRN Services. [607059]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	—	—	—	—

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7450 ESS 9.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
TDCM Dispersion Sweeping. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆

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7450 ESS 9.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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3.3 7450 ESS 8.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 8.0.

Table 3-5 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 8.0 R10 to R12.

Table 3-5 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 8.0 R10 to R12

7450 ESS 8.0 R10 to R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PPP LCP Protocol Reject. 5620 SAM does not support provisioning PPP policy to “reject-disabled-ncp” if ipv6 was not configured”. [610833]	◆	◆	◆	◆	◆	◆
Credit Control IPv6 Filter. 5620 SAM does not support new range of icmp-code and icmp-type. [610781]	◆	◆	◆	◆	◆	◆
CBS Pool Alarm Thresholds. 5620 SAM does not support provisioning or monitoring of pool alarm thresholds for CBS. [610784]	◆	◆	◆	◆	—	—
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [620138]	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059]	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R10 to R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	—	—	—	—
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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Table 3-6 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 8.0 R9.

Table 3-6 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 8.0 R9

7450 ESS 8.0 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [620138]	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messages for VPRN Services. [607059]	◆	◆	◆	◆	◆	◆
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	—	—	—	—
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
TDCM Dispersion Sweeping. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Note — The 7450 ESS, Release 8.0 R8, was never released to the field.

Table 3-7 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 8.0 R7.

Table 3-7 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 8.0 R7

7450 ESS 8.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [620138]	◆	◆	◆	◆	◆	◆
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	—	—	—	—
TDCM Dispersion Sweeping. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-8 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 8.0 R6.

Table 3-8 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 8.0 R6

7450 ESS 8.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-9 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 8.0 R5.

Table 3-9 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 8.0 R5

7450 ESS 8.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-10 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 8.0 R4.

Table 3-10 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 8.0 R4

7450 ESS 8.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(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).	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-11 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 8.0 R3.

Table 3-11 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 8.0 R3

7450 ESS 8.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-12 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 8.0 R1 to R2.

Table 3-12 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 8.0 R1 to R2

7450 ESS 8.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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3.4 7450 ESS 7.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 7.0.

Table 3-13 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 7.0 R19 to R20.

Table 3-13 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 7.0 R19 to R20

7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChIName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-14 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 7.0 R17 to R18.

Table 3-14 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 7.0 R17 to R18

7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	—	—

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7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-15 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 7.0 R14 to R16.

Table 3-15 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 7.0 R14 to R16

7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-16 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 7.0 R13.

Table 3-16 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 7.0 R13

7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-17 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 7.0 R12.

Table 3-17 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 7.0 R12

7450 ESS 7.0 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-18 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 7.0 R10 to R11.

Table 3-18 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 7.0 R10 to R11

7450 ESS 7.0 R10 to R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNglnvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R10 to R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-19 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 7.0 R8 to R9.

Table 3-19 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 7.0 R8 to R9

7450 ESS 7.0 R8 to R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R8 to R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R8 to R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-20 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 7.0 R7.

Table 3-20 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 7.0 R7

7450 ESS 7.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-21 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 7.0 R6.

Table 3-21 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 7.0 R6

7450 ESS 7.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-22 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 7.0 R5.

Table 3-22 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 7.0 R5

7450 ESS 7.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-23 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 7.0 R4.

Table 3-23 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 7.0 R4

7450 ESS 7.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-24 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 7.0 R3.

Table 3-24 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 7.0 R3

7450 ESS 7.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	◆	◆	◆

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Table 3-25 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 7.0 R1 to R2.

Table 3-25 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 7.0 R1 to R2

7450 ESS 7.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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3.5 7450 ESS 6.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1.

Table 3-26 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R20.

Table 3-26 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R20

7450 ESS 6.1 R20 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [613097]	◆	◆	◆	◆	◆	◆
IMPM hi-bwmcst-src default-paths-only parameter. 5620 SAM does not support hi-bwmcst-src default-paths-only parameter. [613041]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R20 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-27 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R18 to R19.

Table 3-27 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R18 to R19

7450 ESS 6.1 R18 to R19 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R18 to R19 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-28 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R17.

Table 3-28 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R17

7450 ESS 6.1 R17 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R17 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-29 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R15 to R16.

Table 3-29 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R15 to R16

7450 ESS 6.1 R15 to R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R15 to R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-30 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R14.

Table 3-30 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R14

7450 ESS 6.1 R14 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R14 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-31 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R13.

Table 3-31 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R13

7450 ESS 6.1 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-32 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R12.

Table 3-32 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R12

7450 ESS 6.1 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-33 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R11.

Table 3-33 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R11

7450 ESS 6.1 R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-34 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R9 to R10.

Table 3-34 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R9 to R10

7450 ESS 6.1 R9 to R10 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R9 to R10 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-35 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R7 to R8.

Table 3-35 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R7 to R8

7450 ESS 6.1 R7 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R7 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-36 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R6.

Table 3-36 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R6

7450 ESS 6.1 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-37 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R5.

Table 3-37 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R5

7450 ESS 6.1 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-38 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R4.

Table 3-38 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R4

7450 ESS 6.1 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-39 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R3.

Table 3-39 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R3

7450 ESS 6.1 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-40 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.1 R1 to R2.

Table 3-40 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.1 R1 to R2

7450 ESS 6.1 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

3.6 7450 ESS 6.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0.

Table 3-41 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R18 to R19.

Table 3-41 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R18 to R19

7450 ESS 6.0 R18 to R19 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R18 to R19 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-42 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R17.

Table 3-42 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R17

7450 ESS 6.0 R17 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R17 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-43 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R16.

Table 3-43 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R16

7450 ESS 6.0 R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-44 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R15.

Table 3-44 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R15

7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-45 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R13 to R14.

Table 3-45 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R13 to R14

7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-46 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R12.

Table 3-46 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R12

7450 ESS 6.0 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-47 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R11.

Table 3-47 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R11

7450 ESS 6.0 R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-48 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R10.

Table 3-48 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R10

7450 ESS 6.0 R10 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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.	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R10 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-49 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R9.

Table 3-49 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R9

7450 ESS 6.0 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-50 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R7 to R8.

Table 3-50 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R7 to R8

7450 ESS 6.0 R7 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 3-51 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R5 to R6.

Table 3-51 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R5 to R6

7450 ESS 6.0 R5 to R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 3-52 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R4.

Table 3-52 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R4

7450 ESS 6.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 3-53 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R3.

Table 3-53 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R3

7450 ESS 6.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 3-54 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R2.

Table 3-54 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R2

7450 ESS 6.0 R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆

Table 3-55 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7450 ESS, Release 6.0 R1.

Table 3-55 Compatibility limitations between 5620 SAM 9.0 and 7450 ESS 6.0 R1

7450 ESS 6.0 R1 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

4 — 5620 SAM 9.0 compatibility with 7710 SR

4.1 Release compatibility 4-2

4.2 7710 SR 9.0 4-3

4.3 7710 SR 8.0 4-9

4.4 7710 SR 7.0 4-27

4.5 7710 SR 6.1 4-52

4.6 7710 SR 6.0 4-74

4.1 Release compatibility

Table 4-1 lists the release compatibility between the 5620 SAM, Release 9.0, and the 7710 SR. Any compatibility limitations are described in sections 4.2, 4.3, 4.4, 4.5, and 4.6.

Table 4-1 5620 SAM 9.0 compatibility with 7710 SR

7710 SR release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
9.0 R4 to R8	See Table 4-2.					
9.0 R3	See Table 4-3.					
9.0 R1 to R2	See Table 4-4.					
8.0 R10 to R12	See Table 4-5.					
8.0 R9	See Table 4-6.					
8.0 R7	See Table 4-7.					
8.0 R6	See Table 4-8.					
8.0 R5	See Table 4-9.					
8.0 R4	See Table 4-10.					
8.0 R3	See Table 4-11.					
8.0 R1 to R2	See Table 4-12.					
7.0 R19 to R20	See Table 4-13.					
7.0 R17 to R18	See Table 4-14.					
7.0 R14 to R16	See Table 4-15.					
7.0 R13	See Table 4-16.					
7.0 R12	See Table 4-17.					
7.0 R10 to R11	See Table 4-18.					
7.0 R8 to R9	See Table 4-19.					
7.0 R7	See Table 4-20.					
7.0 R6	See Table 4-21.					
7.0 R5	See Table 4-22.					
7.0 R4	See Table 4-23.					
7.0 R3	See Table 4-24.					
7.0 R1 to R2	See Table 4-25.					
6.1 R20	See Table 4-26.					
6.1 R17 to R19	See Table 4-27.					
6.1 R15 to R16	See Table 4-28.					
6.1 R14	See Table 4-29.					
6.1 R13	See Table 4-30.					

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7710 SR release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
6.1 R12	See Table 4-31.					
6.1 R11	See Table 4-32.					
6.1 R10	See Table 4-33.					
6.1 R9	See Table 4-34.					
6.1 R7 to R8	See Table 4-35.					
6.1 R6	See Table 4-36.					
6.1 R5	See Table 4-37.					
6.1 R4	See Table 4-38.					
6.1 R3	See Table 4-39.					
6.1 R1 to R2	See Table 4-40.					
6.0 R18 to R19	See Table 4-41.					
6.0 R17	See Table 4-42.					
6.0 R16	See Table 4-43.					
6.0 R15	See Table 4-44.					
6.0 R14	See Table 4-45.					
6.0 R13	See Table 4-46.					
6.0 R12	See Table 4-48.					
6.0 R11	See Table 4-49.					
6.0 R10	See Table 4-50.					
6.0 R9	See Table 4-51.					
6.0 R7 to R8	See Table 4-52.					
6.0 R6	See Table 4-53.					
6.0 R5	See Table 4-54.					
6.0 R4	See Table 4-55.					
6.0 R3	See Table 4-56.					
6.0 R2	See Table 4-57.					
6.0 R1	See Table 4-57.					
5.0 and below	NC	NC	NC	NC	NC	NC

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4.2 7710 SR 9.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR, Release 9.0.

Table 4-2 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 9.0, Release R4 to R8.

Table 4-2 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 9.0 R4 to R8

7710 SR 9.0 R4 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Disabling MPLS. Disabling MPLS from the 5620 SAM erroneously reports a deployment problem. However, the transaction may actually execute successfully on the router. This deployment error can be manually cleared from the 5620 SAM. This applies to the management of the 7750 SR/7450 ESS/7710 SR 9.0 R8 only.	◆	◆	◆	◆	◆	—
BGP Deployment Error. 5620 SAM does not support creation, modification of address family value in BGP instance. [611671]	◆	◆	◆	◆	—	—
DHCP Filter Capability. 5620 SAM does not support dhcp filters. [609989]	◆	◆	◆	◆	◆	◆
Credit Control IPv6 Filter. 5620 SAM does not support new range of icmp-code and icmp-type. [609984]	◆	◆	◆	◆	◆	◆
Multi-segment PW Routing. 5620 SAM does not support Multi-Segment Pseudowire Routing (Dynamic MS-Pws). [609964]	◆	◆	◆	◆	—	—
Extentions to ATM/ETHERNET Last-mile Aware QoS for BNG. 5620 SAM does not support Extentions to ATM/ETHERNET Last-mile Aware QoS for Broadband Network Gateway. [609997]	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆

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7710 SR 9.0 R4 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Percentage Based BW in QoS policies. 5620 SAM does not support Percentage Based Bandwidth in QoS Policies. [609976]	◆	◆	—	—	—	—
VID Filters. 5620 SAM does not support VLAN in MAC filter inc. bitmask for ACL and QoS policies . [609969]	◆	◆	—	—	—	—

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Table 4-3 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 9.0, Release R3.

Table 4-3 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 9.0 R3

7710 SR 9.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
DHCP Filter Capability. 5620 SAM does not support dhcp filters. [609989]	◆	◆	◆	◆	◆	◆
Credit Control IPv6 Filter. 5620 SAM does not support new range of icmp-code and icmp-type. [609984]	◆	◆	◆	◆	◆	◆
Multi-segment PW Routing. 5620 SAM does not support Multi-Segment Pseudowire Routing (Dynamic MS-Pws). [609964]	◆	◆	◆	◆	—	—
Extentions to ATM/ETHERNET Last-mile Aware QoS for BNG. 5620 SAM does not support Extentions to ATM/ETHERNET Last-mile Aware QoS for Broadband Network Gateway. [609997]	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059]	◆	◆	◆	◆	◆	◆

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7710 SR 9.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆
Percentage Based BW in QoS policies. 5620 SAM does not support Percentage Based Bandwidth in QoS Policies. [609976]	◆	◆	—	—	—	—
VID Filters. 5620 SAM does not support VLAN in MAC filter inc. bitmask for ACL and QoS policies. [609969]	◆	◆	—	—	—	—

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Table 4-4 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 9.0, Release R1 to R2.

Table 4-4 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 9.0 R1 to R2

7710 SR 9.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messages for VPRN Services. [607059]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	—	—
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆

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7710 SR 9.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆

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7710 SR 9.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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4.3 7710 SR 8.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR, Release 8.0.

Table 4-5 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 8.0, Release R10 to R12.

Table 4-5 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 8.0 R10 to R12

7710 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PPP LCP Protocol Reject. 5620 SAM does not support provisioning PPP policy to “reject-disabled-ncp” if ipv6 was not configured”. [610833]	◆	◆	◆	◆	◆	◆
Credit Control IPv6 Filter. 5620 SAM does not support new range of icmp-code and icmp-type. [610781]	◆	◆	◆	◆	◆	◆
CBS Pool Alarm Thresholds. 5620 SAM does not support provisioning or monitoring of pool alarm thresholds for CBS. [610784]	◆	◆	◆	◆	—	—
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [620138]	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messages for VPRN Services. [607059]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆

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Table 4-6 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 8.0, Release R9.

Table 4-6 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 8.0 R9

7710 SR 8.0 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [620138]	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messages for VPRN Services. [607059]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Note — The 7710 SR, Release 8.0 R8, was never released to the field.

Table 4-7 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 8.0, Release R7.

Table 4-7 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 8.0 R7

7710 SR 8.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [620138]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—

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7710 SR 8.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-8 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 8.0, Release R6.

Table 4-8 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 8.0 R6

7710 SR 8.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-9 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 8.0, Release R5.

Table 4-9 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 8.0 R5

7710 SR 8.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	—	—
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-10 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 8.0, Release R4.

Table 4-10 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 8.0 R4

7710 SR 8.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(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).	◆	◆	◆	◆	◆	◆

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Table 4-11 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 8.0, Release R3.

Table 4-11 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 8.0 R3

7710 SR 8.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-12 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 8.0, Release R1 to R2.

Table 4-12 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 8.0 R1 to R2

7710 SR 8.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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4.4 7710 SR 7.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR, Release 7.0.

Table 4-13 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 7.0, Release R19 to R20.

Table 4-13 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 7.0 R19 to R20

7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922]	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929]	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	—	—

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7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-14 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 7.0, Release R17 to R18.

Table 4-14 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 7.0 R17 to R18

7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-15 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 7.0, Release R14 to R16.

Table 4-15 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 7.0 R14 to R16

7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-16 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 7.0, Release R13.

Table 4-16 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 7.0 R13

7710 SR 7.0 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R13 Compatibility Statement	5620 SAM 9.0					R6
	R1	R2	R3	R4	R5	
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-17 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 7.0, Release R12.

Table 4-17 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 7.0 R12

7710 SR 7.0 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—

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7710 SR 7.0 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-18 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 7.0, Release R10 to R11.

Table 4-18 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 7.0 R10 to R11

7710 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-19 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 7.0, Release R8 to R9.

Table 4-19 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 7.0 R8 to R9

7710 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-20 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 7.0, Release R7.

Table 4-20 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 7.0 R7

7710 SR 7.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—

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7710 SR 7.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆

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Table 4-21 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 7.0, Release R6.

Table 4-21 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 7.0 R6

7710 SR 7.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
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]	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-22 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 7.0, Release R5.

Table 4-22 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 7.0 R5

7710 SR 7.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-23 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 7.0, Release R7.

Table 4-23 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 7.0 R4

7710 SR 7.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-24 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 7.0, Release R3.

Table 4-24 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 7.0 R3

7710 SR 7.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆
MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-25 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 7.0, Release R1 to R2.

Table 4-25 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 7.0 R1 to R2

7710 SR 7.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					R6
	R1	R2	R3	R4	R5	
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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4.5 7710 SR 6.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR, Release 6.1.

Table 4-26 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R20.

Table 4-26 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R20

7710 SR 6.1 R20 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [613097]	◆	◆	◆	◆	◆	◆
IMPM hi-bwmcst-src default-paths-only parameter. 5620 SAM does not support hi-bwmcst-src default-paths-only parameter. [613041]	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R20 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-27 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R17 to R19.

Table 4-27 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R17 to R19

7710 SR 6.1 R17 to R19 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R17 to R19 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-28 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R15 to R16.

Table 4-28 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R15 to R16

7710 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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.	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-29 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R14.

Table 4-29 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R14

7710 SR 6.1 R14 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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.	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R14 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R14 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-30 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R13.

Table 4-30 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R13

7710 SR 6.1 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-31 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R12.

Table 4-31 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R12

7710 SR 6.1 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-32 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R11.

Table 4-32 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R11

7710 SR 6.1 R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-33 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R10.

Table 4-33 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R10

7710 SR 6.1 R10 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R10 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-34 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R9.

Table 4-34 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R9

7710 SR 6.1 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-35 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R7 to R8.

Table 4-35 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R7 to R8

7710 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-36 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R6.

Table 4-36 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R6

7710 SR 6.1 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-37 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R5.

Table 4-37 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R5

7710 SR 6.1 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-38 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R4.

Table 4-38 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R4

7710 SR 6.1 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-39 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R3.

Table 4-39 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R3

7710 SR 6.1 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-40 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.1, Release R1 to R2.

Table 4-40 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.1 R1 to R2

7710 SR 6.1 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

4.6 7710 SR 6.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR, Release 6.0.

Table 4-41 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R18 to R19.

Table 4-41 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R18 to R19

7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-42 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R17.

Table 4-42 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R17

7710 SR 6.0 R17 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R17 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-43 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R16.

Table 4-43 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R16

7710 SR 6.0 R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	—	—
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R16 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-44 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R15.

Table 4-44 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R15

7710 SR 6.0 R15 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R15 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-45 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R14.

Table 4-45 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R14

7710 SR 6.0 R14 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R14 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R14 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-46 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R13.

Table 4-46 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R13

7710 SR 6.0 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R13 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-47 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R12.

Table 4-47 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R12

7710 SR 6.0 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
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]	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R12 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-48 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R11.

Table 4-48 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R11

7710 SR 6.0 R11 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 4-49 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R10.

Table 4-49 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R10

7710 SR 6.0 R10 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 4-50 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R9.

Table 4-50 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R9

7710 SR 6.0 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R9 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-51 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R7 to R8.

Table 4-51 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R7 to R8

7710 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-52 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R6.

Table 4-52 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R6

7710 SR 6.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

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Table 4-53 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R5.

Table 4-53 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R5

7710 SR 6.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 4-54 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R4.

Table 4-54 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R4

7710 SR 6.0 R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 4-55 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R3.

Table 4-55 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R3

7710 SR 6.0 R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 4-56 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R2.

Table 4-56 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R2

7710 SR 6.0 R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆

Table 4-57 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7710 SR 6.0, Release R1.

Table 4-57 Compatibility limitations between 5620 SAM 9.0 and 7710 SR 6.0 R1

7710 SR 6.0 R1 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆

5 — 5620 SAM 9.0 compatibility with 7705 SAR

5.1	Release compatibility	5-2
5.2	7705 SAR 5.0	5-2
5.3	7705 SAR 4.0	5-3
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5.1 Release compatibility

Table 5-1 lists the release compatibility between the 5620 SAM, Release 9.0, and the 7705 SAR. Any compatibility limitations are described in sections 5.2, 5.3, 5.4, and 5.5.

Table 5-1 5620 SAM 9.0 compatibility with 7705 SAR

7705 SAR release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
5.0 R1	See Table 5-2.					
4.0 R5	See Table 5-3.					
4.0 R3 to R4	See Table 5-4.					
4.0 R1 to R2	See Table 5-5.					
3.0 R3 to R6	See Table 5-6.					
3.0 R2	See Table 5-7.					
3.0 R1	See Table 5-8.					
2.1 R3 to R4	See Table 5-9.					
2.1 R1 to R2	✓	✓	✓	✓	✓	✓
2.0 R3 to R5	✓	✓	✓	✓	✓	✓
2.0 R1 to R2	✓	✓	✓	✓	✓	✓
1.1 R2 to R4	✓	✓	—	—	—	—
1.1 R1	✓	✓	—	—	—	—
1.0 R6 to R7	✓	✓	—	—	—	—
1.0 R3 to R5	✓	✓	—	—	—	—
1.0 R1 to R2	✓	✓	—	—	—	—

5.2 7705 SAR 5.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7705 SAR, Release 5.0.

Table 5-2 describes the compatibility limitations between the 5620 SAM, Release 9.0 R5-P1 patch, and the 7705 SAR, Release 5.0 R1.

Table 5-2 Compatibility limitations between 5620 SAM 9.0 R5-P1 patch and 7705 SAR 5.0 R1

7705 SAR 5.0 R1 Compatibility Statement	5620 SAM 9.0 Release					
	R1	R2	R3	R4	R5	R6
Alcatel-Lucent supports the 7705 SAR-M ASAP and the 7705 SAR-M at 7705 SAR 4.0 feature parity with the 5620 SAM 9.0 R5-P1 patch and later. Alcatel-Lucent does not support other 7705 SAR 5.0 node variants.	NC	NC	NC	NC	◆	◆

5.3 7705 SAR 4.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7705 SAR, Release 4.0.

Table 5-3 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7705 SAR, Release 4.0 R5.

Table 5-3 Compatibility limitations between 5620 SAM 9.0 and 7705 SAR 4.0 R5

7705 SAR 4.0 R5 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
STP with Mgmt VPLS. 5620 SAM does not support STP with Mgmt VPLS.	NC	NC	◆	◆	◆	◆
SAA tests. 5620SAM doesnot support the option to stop when the SAA test is executing.	NC	NC	◆	◆	◆	◆

Table 5-4 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7705 SAR, Release 4.0 R3 to R4.

Table 5-4 Compatibility limitations between 5620 SAM 9.0 and 7705 SAR 4.0 R3 to R4

7705 SAR 4.0 R3 to R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
STP with Mgmt VPLS. 5620 SAM does not support STP with Mgmt VPLS.	NC	NC	◆	◆	◆	◆
SAA accounting. 5620SAM doesnot support executing individual CFM tests [608614]	NC	NC	◆	◆	—	—
SAA accounting Test suite Statistics. 5620SAM does not display all accounting stats. [606334].	NC	NC	◆	◆	—	—
SAA Tests. 5620SAM does not support the option to stop when SAA test is executing.[603246].	NC	NC	◆	◆	◆	◆

Table 5-5 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7705 SAR, Release 4.0 R1 to R2.

Table 5-5 Compatibility limitations between 5620 SAM 9.0 and 7705 SAR 4.0 R1 to R2

7705 SAR 4.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Fractional T1 PPP on network Port. 5620 SAM does not support the Fractional T1 PPP on network Port.	NC	NC	NC	NC	NC	NC
SAA support (CFM). 5620 SAM does not support SAA support (CFM).	◆	◆	◆	◆	◆	◆
Standby Signalling Slave. 5620 SAM does not support Standby Signalling Slave.	NC	NC	NC	NC	NC	NC
IEEE Boundary Clock. 5620 SAM does not support IEEE boundary clock.	◆	◆	◆	◆	◆	◆
Fabric Stats. 5620SAM does not support collection of fabric stats on MDAs. [604434].	◆	◆	◆	◆	◆	◆
SAA Accounting. 5620SAM does not support SAA accounting.	◆	◆	◆	◆	◆	◆
SAA Tests. 5620SAM does not support the option to stop when SAA test is executing.[603246].	◆	◆	◆	◆	◆	◆
SAR-18 BITS Clock. 5620 SAM does not support SAR-18 BITS clock. (This is specific to SAR-18 only)	◆	◆	◆	◆	◆	◆

5.4 7705 SAR 3.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7705 SAR, Release 3.0.

Table 5-6 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7705 SAR, Release 3.0 R3 to R6.

Table 5-6 Compatibility limitations between 5620 SAM 9.0 and 7705 SAR 3.0 R3 to R6

7705 SAR 3.0 R3 to R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.	◆	◆	◆	◆	◆	◆
OAM Ping and Trace Results. 5620SAM does not support updating the OAM ping and trace results.	NC	NC	NC	NC	NC	NC

Table 5-7 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7705 SAR, Release 3.0 R2.

Table 5-7 Compatibility limitations between 5620 SAM 9.0 and 7705 SAR 3.0 R2

7705 SAR 3.0 R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.	◆	◆	◆	◆	◆	◆
Auxiliary Alarm Card. 5620 SAM does not support the Auxiliary Alarm Card.	◆	◆	◆	◆	◆	◆
Y1731 Dual-Ended Loss Test. 5620 SAM does not support the Y1731 Dual-Ended Loss Test.	◆	◆	◆	◆	◆	◆

Table 5-8 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7705 SAR, Release 3.0 R1.

Table 5-8 Compatibility limitations between 5620 SAM 9.0 and 7705 SAR 3.0 R1

7705 SAR 3.0 R1 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.	◆	◆	◆	◆	◆	◆
Y1731 Dual-Ended Loss Test. 5620 SAM does not support the Y1731 Dual-Ended Loss Test.	◆	◆	◆	◆	◆	◆
IES Services. 5620 SAM does not support IES services.	◆	◆	◆	◆	◆	◆

5.5 7705 SAR 2.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7705 SAR, Release 2.1.

Table 5-9 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7705 SAR, Release 2.1 R3 to R4.

Table 5-9 Compatibility limitations between 5620 SAM 9.0 and 7705 SAR 2.1 R3 to R4

7705 SAR 2.1 R3 to R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.	◆	◆	◆	◆	◆	◆

6 — 5620 SAM 9.0 compatibility with 7210 SAS

6.1 Release compatibility 6-2

6.2 7210 SAS 4.0 6-3

6.3 7210 SAS 3.0 6-5

6.4 7210 SAS 2.0 6-8

6.1 Release compatibility

Table 6-1 lists the release compatibility between the 5620 SAM, Release 9.0, and the 7210 SAS. Any compatibility limitations are described in sections 6.2, 6.3, and 6.4.

Table 6-1 5620 SAM 9.0 compatibility with 7210 SAS

7210 SAS release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
7210 SAS-E 4.0 R1 to R2	See Table 6-6.					
7210 SAS-D 6F 4T 4.0 R1 to R2	NC	NC	NC	NC	✓	✓
7210 SAS-D 6F 4T ETR 4.0 R1 to R2	NC	NC	NC	NC	✓	✓
7210 SAS-M 4.0 R1 to R2	See Table 6-2.					
7210 SAS-M 24F 2XFP 4.0 R1 to R2	See Table 6-3.					
7210 SAS-M 24F 2XFP ETR 4.0 R1 to R2	See Table 6-4.					
7210 SAS-X 4.0 R1 to R2	See Table 6-5.					
7210 SAS-D 6F 4T 3.0 R4 to R7	See Table 6-7.					
7210 SAS-D 6F 4T ETR 3.0 R7	See Table 6-8.					
7210 SAS-E 3.0 R1 to R7	✓	✓	✓	✓	✓	✓
7210 SAS-M 3.0 R2 to R7	See Table 6-9.					
7210 SAS-M 3.0 R1	See Table 6-10.					
7210 SAS-M 24F 2XFP 3.0 R2 to R7	See Table 6-11.					
7210 SAS-M 24F 2XFP 3.0 R1	See Table 6-12.					
7210 SAS-M 24F 2XFP ETR 3.0 R3 to R7	See Table 6-13.					
7210 SAS-M 24F 2XFP ETR 3.0 R2	See Table 6-14.					
7210 SAS-M 24F 2XFP ETR 3.0 R1	See Table 6-15.					
7210 SAS-X 3.0 R5 to R7	See Table 6-16.					
7210 SAS-X 3.0 R1 to R4	See Table 6-17.					
7210 SAS-E 2.0 R5 to R8	✓	✓	✓	✓	✓	✓
7210 SAS-M 2.0 R5 to R8	✓	✓	✓	✓	✓	✓
7210 SAS-M 24F 2XFP 2.0 R5 to R8	✓	✓	✓	✓	✓	✓

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7210 SAS release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
7210 SAS-M 24F 2XFP ETR 2.0 R8	✓	✓	✓	✓	✓	✓
7210 SAS-M 24F 2XFP ETR 2.0 R7	See Table 6-18.					
7210 SAS-M 24F 2XFP ETR 2.0 R5 to R6	✓	✓	✓	✓	✓	✓
7210 SAS-X 2.0 R6 to R8	See Table 6-19.					
7210 SAS-X 2.0 R5	✓	✓	✓	✓	✓	✓
7210 SAS-E / 7210 SAS-M 2.0 R2 to R4	✓	✓	✓	✓	✓	✓
7210 SAS-M 24F 2XFP 2.0 R2 to R4	✓	✓	✓	✓	✓	✓
7210 SAS-M 24F 2XFP ETR 2.0 R2 to R4	✓	✓	✓	✓	✓	✓
7210 SAS-E / 7210 SAS-M 2.0 R1	✓	✓	✓	✓	✓	✓
7210 SAS-M 24F 2XFP 2.0 R1	✓	✓	✓	✓	✓	✓
7210 SAS-M 24F 2XFP ETR 2.0 R1	✓	✓	✓	✓	✓	✓
7210 SAS-E 1.1 R7 to R12	✓	✓	✓	✓	✓	✓
7210 SAS-E 1.1 R4 to R6	✓	✓	✓	✓	✓	✓
7210 SAS-M 1.1 R4 to R12	✓	✓	✓	✓	✓	✓
7210 SAS-M 24F 2XFP 1.1 R6 to R12	✓	✓	✓	✓	✓	✓
7210 SAS-M 24F 2XFP ETR 1.1 R8 to R12	✓	✓	✓	✓	✓	✓
7210 SAS-E 1.1 R3	✓	✓	✓	✓	✓	✓
7210 SAS-M 1.1 R3	✓	✓	✓	✓	✓	✓
7210 SAS-E 1.0 R5 to R6	✓	✓	✓	✓	✓	✓
7210 SAS-E 1.0 R4	✓	✓	✓	✓	✓	✓
7210 SAS-E 1.0 R3	✓	✓	✓	✓	—	—

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6.2 7210 SAS 4.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS, Release 4.0.

Table 6-2 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-M, Release 4.0 R1 to R2.

Table 6-2 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-M 4.0 R1 to R2

7210 SAS-M 4.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
VPRN: 5620 SAM does not support the VPRN feature.	NC	NC	NC	NC	◆	◆
IPv6 support for OOB interfaces: 5620 SAM does not support IPV6 for the OOB interface.	NC	NC	NC	NC	◆	◆

Table 6-3 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-M 24F 2XFP, Release 4.0 R1 to R2.

Table 6-3 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-M 24F 2XFP 4.0 R1 to R2

7210 SAS-M 24F 2XFP 4.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
VPRN: 5620 SAM does not support the VPRN feature.	NC	NC	NC	NC	◆	◆
IPv6 support for OOB interfaces: 5620 SAM does not support IPV6 for the OOB interface.	NC	NC	NC	NC	◆	◆

Table 6-4 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-M 24F 2XFP ETR, Release 4.0 R1 to R2.

Table 6-4 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-M 24F 2XFP ETR 4.0 R1 to R2

7210 SAS-M 24F 2XFP ETR 4.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
VPRN: 5620 SAM does not support the VPRN feature.	NC	NC	NC	NC	◆	◆
IPv6 support for OOB interfaces: 5620 SAM does not support IPV6 for the OOB interface.	NC	NC	NC	NC	◆	◆

Table 6-5 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-X, Release 4.0 R1 to R2.

Table 6-5 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-X 4.0 R1 to R2

7210 SAS-X 4.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
VPRN: 5620 SAM does not support the VPRN feature.	NC	NC	NC	NC	◆	◆
IPv6 support for OOB interfaces: 5620 SAM does not support IPV6 for the OOB interface.	NC	NC	NC	NC	◆	◆

Table 6-6 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-E, Release 4.0 R1 to R2.

Table 6-6 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-E 4.0 R1 to R2

7210 SAS-E 4.0 R1 to R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
IPv6 support for OOB interfaces: 5620 SAM does not support IPv6 for the OOB interface.	NC	NC	NC	NC	◆	◆

6.3 7210 SAS 3.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS, Release 3.0.

Table 6-7 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-D 6F 4T, Release 3.0 R4 to R7.

Table 6-7 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-D 6F 4T 3.0 R4 to R7

7210 SAS-D 6F 4T 3.0 R4 to R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 608905) Backup/Restore. 5620 SAM does not support Backup/Restore with “CLI Config Save details” enabled in the Backup/Restore policy.	◆	◆	◆	◆	◆	◆
(PTS 608890) Access Ingress. 5620 SAM does not support Addition of Meter with meter mode other than trtcm1 fails for 7210 Sap Ingress Local policy.	◆	◆	—	—	—	—

Table 6-8 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-D 6F 4T ETR, Release 3.0 R7.

Table 6-8 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-D 6F 4T ETR 3.0 R7

7210 SAS-D 6F 4T ETR 3.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 608905) Backup/Restore. 5620 SAM does not support Backup/Restore with “CLI Config Save details” enabled in the Backup/Restore policy.	◆	◆	◆	◆	◆	◆
(PTS 608890) Access Ingress. 5620 SAM does not support Addition of Meter with meter mode other than trtcm1 fails for 7210 Sap Ingress Local policy.	◆	◆	—	—	—	—

Table 6-9 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-M, Release 3.0 R2 to R7.

Table 6-9 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-M 3.0 R2 to R7

7210 SAS-M 3.0 R2 to R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 612508) IES Management. 5620 SAM does not support the Creation/Modification/Deletion of IES on SAS-M nodes with Access uplink mode enabled.	◆	◆	—	—	—	—

Table 6-10 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-M, Release 3.0 R1.

Table 6-10 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-M 3.0 R1

7210 SAS-M 3.0 R1 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 601407) L2uplink Support. 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.	◆	◆	◆	◆	◆	◆

Table 6-11 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-M 24F 2XFP, Release 3.0 R2 to R7.

Table 6-11 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-M 24F 2XFP 3.0 R2 to R7

7210 SAS-M 24F 2XFP 3.0 R2 to R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 612508) IES Management. 5620 SAM does not support the Creation/Modification/Deletion of IES on SAS-M nodes with Access uplink mode enabled.	◆	◆	—	—	—	—

Table 6-12 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-M 24F 2XFP, Release 3.0 R1.

Table 6-12 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-M 24F 2XFP 3.0 R1

7210 SAS-M 24F 2XFP 3.0 R1 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 601407) L2uplink Support. 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.	◆	◆	◆	◆	◆	◆

Table 6-13 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-M 24F 2XFP ETR, Release 3.0 R3 to R7.

Table 6-13 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-M 24F 2XFP ETR 3.0 R3 to R7

7210 SAS-M 24F 2XFP ETR 3.0 R3 to R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 612508) IES Management. 5620 SAM does not support the Creation/Modification/Deletion of IES on SAS-M nodes with Access uplink mode enabled.	◆	◆	—	—	—	—

Table 6-14 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-M 24F 2XFP ETR, Release 3.0 R2.

Table 6-14 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-M 24F 2XFP ETR 3.0 R2

7210 SAS-M 24F 2XFP ETR 3.0 R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 605445) Incorrect Discovery. 7210 SAS-M 24F 2XFP ETR 3.0 R2 will be incorrectly discovered as 7210 SAS-M 24F 2XFP.	◆	◆	◆	◆	◆	◆

Table 6-15 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-M 24F 2XFP ETR, Release 3.0 R1.

Table 6-15 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-M 24F 2XFP ETR 3.0 R1

7210 SAS-M 24F 2XFP ETR 3.0 R1 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 601407) L2uplink Support. 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.	◆	◆	◆	◆	◆	◆

Table 6-16 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-X, Release 3.0 R5 to R7.

Table 6-16 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-X 3.0 R5 to R7

7210 SAS-X 3.0 R5 to R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 608905) Backup/Restore. 5620 SAM does not support Backup/Restore with “CLI Config Save details” enabled in the Backup/Restore policy.	◆	◆	◆	◆	◆	◆

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7210 SAS-X 3.0 R5 to R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 612225) 5620 SAM does not support spoke SDP creation on VPLS Service.	◆	◆	—	—	—	—

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Table 6-17 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-X 3.0 R1 to R4.

Table 6-17 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-X 3.0 R1 to R4

7210 SAS-X 3.0 R1 to R4 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 608905) Backup/Restore. 5620 SAM does not support Backup/Restore with “CLI Config Save details” enabled in the Backup/Restore policy.	◆	◆	◆	◆	◆	◆

6.4 7210 SAS 2.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS, Release 2.0.

Table 6-18 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-M 24F 2XFP ETR, Release 2.0 R7.

Table 6-18 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-M 24F 2XFP 2.0 R7

7210 SAS-M 24F 2XFP 2.0 R7 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 605445) Incorrect Discovery. 7210 SAS-M 24F 2XFP ETR 2.0 R7 will be incorrectly discovered as 7210 SAS-M 24F 2XFP.	◆	◆	◆	◆	◆	◆

Table 6-19 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7210 SAS-X 2.0 R6 to R8.

Table 6-19 Compatibility limitations between 5620 SAM 9.0 and 7210 SAS-X 2.0 R6 to R8

7210 SAS-X 2.0 R6 to R8 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 608905) Backup/Restore. 5620 SAM does not support Backup/Restore with “CLI Config Save details” enabled in the Backup/Restore policy.	◆	◆	◆	◆	◆	◆

7 — 5620 SAM 9.0 compatibility with 7250 SAS

7.1 Release compatibility 7-2

7.2 7250 SAS 2.0 7-3

7.1 Release compatibility

Table 7-1 lists the release compatibility between the 5620 SAM, Release 9.0, and the 7250 SAS. Any compatibility limitations are described in section 7.2.

Table 7-1 5620 SAM 9.0 compatibility with 7250 SAS

7250 SAS release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
7250 SAS 3.0 R9 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R9 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R8 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R8 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R7 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R7 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R6 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R6 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R5 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R5 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R4.1 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R4.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R3.1 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R3.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R3 (ESA Chassis Mode)	NC	NC	NC	NC	NC	NC
7250 SAS 3.0 R3 (ES Chassis Mode)	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R11 to R13 (ES Chassis Mode)	See Table 7-2.					
7250 SAS 2.0 R11 to R13 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R10 (ES Chassis Mode)	See Table 7-3.					

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7250 SAS release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
7250 SAS 2.0 R10 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R9 (ES Chassis Mode)	See Table 7-4.					
7250 SAS 2.0 R9 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8.1 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R7.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R7.1 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R5.2 (ES Chassis Mode)	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R5.2 (STD Chassis Mode)	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R5.1 (ES Chassis Mode)	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R5.1 (STD Chassis Mode)	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R5 (ES Chassis Mode)	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R5 (STD Chassis Mode)	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R1 (ES Chassis Mode)	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R3 (STD Chassis Mode)	NC	NC	NC	NC	NC	NC
7250 SAS 1.0	NC	NC	NC	NC	NC	NC

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7.2 7250 SAS 2.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7250 SAS, Release 2.0.

Table 7-2 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7250 SAS, Release 2.0 R11 to R13 (ES Chassis Mode).

Table 7-2 Compatibility limitations between 5620 SAM 9.0 and 7250 SAS 2.0 R11 to R13 (ES Chassis Mode)

7250 SAS 2.0 R11 to R13 (ES Chassis Mode) Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: 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 7-3 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7250 SAS, Release 2.0 R10 (ES Chassis Mode).

Table 7-3 Compatibility limitations between 5620 SAM 9.0 and 7250 SAS 2.0 R10 (ES Chassis Mode)

7250 SAS 2.0 R10 (ES Chassis Mode) Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: 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 7-4 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7250 SAS, Release 2.0 R9 (ES Chassis Mode).

Table 7-4 Compatibility limitations between 5620 SAM 9.0 and 7250 SAS 2.0 R9 (ES Chassis Mode)

7250 SAS 2.0 R9 (ES Chassis Mode) Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM	◆	◆	◆	◆	◆	◆

8 — 5620 SAM 9.0 compatibility with 7750 MG

8.1 Release compatibility 8-2

8.2 7750 MG 3.1 8-2

8.3 7750 MG 3.0 8-3

8.4 7750 MG 2.0 8-4

8.1 Release compatibility

Table 8-1 lists the release compatibility between the 5620 SAM, Release 9.0, and the 7750 MG. Any compatibility limitations are described in sections 8.2, 8.3, and 8.4.

Table 8-1 5620 SAM 9.0 compatibility with 7750 MG

7750 MG release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
3.1 R1 through R3	See Table 8-2.					
3.0 R4 to R6	See Table 8-3.					
3.0 R2	See Table 8-4.					
3.0 R1	See Table 8-5.					
2.0 R18 to R19	See Table 8-6.					
2.0 R16 to R17	See Table 8-7.					
2.0 R14 to R15	See Table 8-8.					
2.0 R8	NC	NC	NC	NC	NC	NC
2.0 R1 to R4	NC	NC	NC	NC	NC	NC

8.2 7750 MG 3.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 MG, Release 3.1.

Table 8-2 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 MG, Release 3.1 R1 through R3.

Table 8-2 Compatibility limitations between 5620 SAM 9.0 and 7750 MG 3.1 R1 through R3

7750 MG 3.1 R1 through R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PTS 619039, DTS 124068, DTS 125226 ISM MG Threshold Group System is not supported in 7750 MG 3.1 R1 with 5620 SAM 9.0 R5.	NC	NC	NC	NC	◆	◆
PTS 618345, DTS 124581 Error while creating threshold group counter after the threshold group is created Creation of threshold counters with invalid subgroup ID 0 are blocked by the 5620 SAM	NC	NC	NC	NC	◆	◆

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7750 MG 3.1 R1 through R3 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PTS 618143, DTS 121422 EPC RADIUS peer-oper status not updated without resync Current RADIUS Peer Operational status is not updated in the 5620 SAM because the state change trap is not sent for this peer by the 7750 MG.	NC	NC	NC	NC	◆	◆

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8.3 7750 MG 3.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 MG, Release 3.0.

Table 8-4 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 MG, Release 3.0 R4 to R6.

Table 8-3 Compatibility limitations between 5620 SAM 9.0 and 7750 MG 3.0 R4 to R6

7750 MG 3.0 R4 to R6 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 623622) 7750 MG KPI/KCI Statistics. 7750 MG PGW KPI/KCI statistics cannot be viewed on the 5620 SAM GUI.	—	—	◆	◆	◆	◆
7750 MG 3.0 R4 to R6 (P-GW) Support. P-GW 7750 MG 3.0 R4 to R6 nodes are supported by the 5620 SAM, but only at a 7750 MG 2.0 R14 level of functionality	◆	◆	◆	◆	◆	◆
LI Target Entries. The 5620 SAM does not support the automatic update of LI target entries when the LI intercept target entries are removed using CLI. A manual resync of the LI target entries is required.	◆	◆	◆	◆	◆	◆

Table 8-4 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 MG, Release 3.0 R2.

Table 8-4 Compatibility limitations between 5620 SAM 9.0 and 7750 MG 3.0 R2

7750 MG 3.0 R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 623622) 7750 MG KPI/KCI Statistics. 7750 MG PGW KPI/KCI statistics cannot be viewed on the 5620 SAM GUI.	—	—	◆	◆	◆	◆
7750 MG 3.0 R2 (P-GW) Network element supported as per 5620 SAM Release Description with the following limitations:	◆	◆	◆	◆	◆	◆
7750 MG 3.0 R2 (P-GW) Support. P-GW 7750 MG 3.0 R2 nodes are supported by 5620 SAM, but only at a 7750 MG 2.0 R14 level of functionality.	◆	◆	◆	◆	◆	◆

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7750 MG 3.0 R2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
7750 MG 3.0 R2 (S-GW) Network element supported as per 5620 SAM Release Description with the following limitations:	◆	◆	◆	◆	◆	◆
LI Target Entries. 5620 SAM does not support the automatic update of LI Target Entries when the LI Intercept Target Entries are removed using CLI. A manual resync of the LI Target Entries is required.	◆	◆	◆	◆	◆	◆
Ga Peer. 5620 SAM does not support Ga Peers or Paths on SGW and PGW.	◆	◆	◆	◆	◆	◆

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Table 8-5 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 MG, Release 3.0 R1.

Table 8-5 Compatibility limitations between 5620 SAM 9.0 and 7750 MG 3.0 R1

7750 MG 3.0 R1 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 623622) 7750 MG KPI/KCI Statistics. 7750 MG PGW KPI/KCI statistics cannot be viewed on the 5620 SAM GUI.	—	—	◆	◆	◆	◆
7750 MG 3.0 R2 (P-GW) Network element supported as per 5620 SAM Release Description with the following limitations:	◆	◆	◆	◆	◆	◆
7750 MG 3.0 R2 (P-GW) Support. P-GW 7750 MG 3.0 R2 nodes are supported by 5620 SAM, but only at a 7750 MG 2.0 R14 level of functionality.	◆	◆	◆	◆	◆	◆
7750 MG 3.0 R2 (S-GW) Network element supported as per 5620 SAM Release Description with the following limitations:	◆	◆	◆	◆	◆	◆
LI Target Entries. 5620 SAM does not support the automatic update of LI Target Entries when the LI Intercept Target Entries are removed using CLI. A manual resync of the LI Target Entries is required.	◆	◆	◆	◆	◆	◆
(PTS 602392) Serving Gateway LTE User Statistics. 7750 MG 3.0 R1 does not support LTE User Statistics when configured as a Serving Gateway. 5620 SAM will not collect LTE User Statistics for this node version having this configuration. This issue is planned to be resolved in 7750 MG 3.0 R2.	◆	◆	◆	◆	◆	◆

8.4 7750 MG 2.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 MG, Release 2.0.

Table 8-6 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 MG, Release 2.0 R18 to R19.

Table 8-6 Compatibility limitations between 5620 SAM 9.0 and 7750 MG 2.0 R18 to R19

7750 MG 2.0 R18 to R19 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LI for Mobile. 5620 SAM does not support LI for Mobile feature for 7750 MG 2.0.	◆	◆	◆	◆	◆	◆

Table 8-7 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 MG, Release 2.0 R16 to R17.

Table 8-7 Compatibility limitations between 5620 SAM 9.0 and 7750 MG 2.0 R16 to R17

7750 MG 2.0 R16 to R17 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LI for Mobile. 5620 SAM does not support LI for Mobile feature for 7750 MG 2.0.	◆	◆	◆	◆	◆	◆
KPI/KCI Accounting Policy. SAM does not support the distribution of the kpi/kci type accounting policy to a 7750 MG 2.0 R16 or R17 Network Element when no location is configured on the associated file policy. The 7750 MG 2.0 R16 and R17, forces the user to set the "Location" field on the file policy to a non-default value before associating file policy to the accounting policy. Workaround: Set the Location field on the file policy before associating it to the accounting policy.	◆	◆	◆	◆	◆	◆

Table 8-8 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 7750 MG, Release 2.0 R14 to R15.

Table 8-8 Compatibility limitations between 5620 SAM 9.0 and 7750 MG 2.0 R14 to R15

7750 MG 2.0 R14 to R15 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LI for Mobile. 5620 SAM does not support LI for Mobile feature for 7750 MG 2.0.	◆	◆	◆	◆	◆	◆

9 — 5620 SAM 9.0 compatibility with 9471 MME

9.1 Release compatibility 9-2

9.2 9471 MME LM4.0 9-2

9.1 Release compatibility

Table 9-1 lists the release compatibility between the 5620 SAM, Release 9.0, and the 9471 MME. Any compatibility limitations are described in section 9.2.

Table 9-1 5620 SAM 9.0 compatibility with 9471 MME

9471 MME release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
LM4.0.2 (R25.55.14)	NC	NC	NC	NC	See Table 9-2.	
LM4.0.2 (R25.51.35.02)	NC	NC	NC	NC	✓	✓
LM4.0.1 (R24.40.08)	NC	NC	✓	✓	✓	✓
LM4.0.0 (R23.71.42.02)	NC	NC	NC	NC	✓	✓
LM3.0 (R22.30.02)	✓	✓	✓	✓	✓	✓
LM2.1 (R21.70.07.02)	✓	✓	NC	NC	NC	NC

9.2 9471 MME LM4.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 9471 MME, Release LM4.0.

Table 9-2 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 9471 MME, Release LM4.0.2.

Table 9-2 Compatibility limitations between 5620 SAM 9.0 and 9471 MME LM4.0.2

9471 MME LM4.0.2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
PTS 621031. The Lock Originator field in the load balancing context does not support the notLocked value.	NC	NC	NC	NC	◆	◆

10 – 5620 SAM 9.0 compatibility with 5780 DSC

10.1 Release compatibility 10-2

10.1 Release compatibility

Table 10-1 lists the release compatibility between the 5620 SAM, Release 9.0, and the 5780 DSC.

Table 10-1 5620 SAM 9.0 compatibility with 5780 DSC

5780 DSC release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
4.0 R1	NC	NC	NC	NC	✓	✓
3.0 R1	✓	✓	✓	✓	✓	✓
2.0 R1 to R2	✓	✓	✓	✓	NC	NC

11 – 5620 SAM 9.0 compatibility with 9412 / 9926 eNodeB

11.1 Release compatibility 11-2

11.2 9412 / 9926 eNodeB LA4.0/TLA4.0.0 11-2

11.1 Release compatibility

Table 11-1 lists the release compatibility between the 5620 SAM, Release 9.0, and the 9412 / 9926 eNodeB. Any compatibility limitations are described in section 11.2.

Table 11-1 5620 SAM 9.0 compatibility with 9412 / 9926 eNodeB

9412 / 9926 eNodeB release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
TLA4.0.0 MIB Ed.03p08, MIM 11.4.1	See Table 11-2.					
LA4.0 MIB Ed.04p11, MIM 10.6.4	See Table 11-2.					
TLA 3.0 / TLA 3.0.2 MIB Ed.03p07, MIM 8.3.1	✓	✓	✓	✓	✓	✓
TLA 2.1 MIB Ed.02p06, MIM 6.4.1	✓	✓	✓	✓	✓	NC
LA3.0.0 / LA3.0.1 / LA 3.0.2 MIB Ed.03p06.1, MIM 7.5.1	✓	✓	✓	✓	✓	✓
LA 2.0.2 MIB Ed.02p05, MIM 5.3.8	✓	✓	✓	✓	✓	✓

11.2 9412 / 9926 eNodeB LA4.0/TLA4.0.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 9412 / 9926 eNodeB, Release LA4.0/TLA4.0.0.

Table 11-2 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 9412 / 9926 eNodeB, Release LA4.0/TLA4.0.0.

Table 11-2 Compatibility limitations between 5620 SAM 9.0 and 9412 / 9926 eNodeB LA4.0/TLA4.0.0

9412 / 9926 eNodeB LA4.0/TLA4.0.0 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
The 5620 SAM features in support of eNodeB LA4.0/TLA4.0.0 have been fully verified against the eNodeB LA4.0/TLA4.0.0 software, which have not yet reached General Availability status. Any evolution of the eNodeB LA4.0/TLA4.0.0 software will be accounted for in ongoing 5620 SAM testing. There is a small risk that issues may be encountered which may impose functional restrictions on the 5620 SAM for the support of these nodes.	NC	NC	NC	NC	◆	◆

12 – 5620 SAM 9.0 compatibility with Telco T5 Compact

12.1 Release compatibility 12-2

12.1 Release compatibility

Table 12-1 lists the release compatibility between the 5620 SAM, Release 9.0, and the Telco T5 Compact.

Table 12-1 5620 SAM 9.0 compatibility with Telco T5 Compact

Telco T5 Compact release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
6.5.5	✓	✓	✓	✓	✓	✓
6.5.2	✓	✓	✓	✓	✓	✓
6.3.13	✓	✓	✓	✓	✓	✓
6.3.12	✓	✓	✓	✓	✓	✓
6.3.11	NC	NC	NC	NC	NC	NC
6.3.2	NC	NC	NC	NC	NC	NC
5.10.1	NC	NC	NC	NC	NC	NC

13 — 5620 SAM 9.0 compatibility with OmniSwitch

- 13.1 Release compatibility 13-2**
- 13.2 OmniSwitch Series 6.6.2 13-3**
- 13.3 OmniSwitch Series 6.4.4 13-3**
- 13.4 OmniSwitch Series 6.3.4 13-4**

13.1 Release compatibility

Table 13-1 lists the release compatibility between the 5620 SAM, Release 9.0, and the OmniSwitch. Any compatibility limitations are described in sections 13.2, 13.3, and 13.4.

Table 13-1 5620 SAM 9.0 compatibility with OmniSwitch

OmniSwitch release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
OmniSwitch Series 7.2.1.361 R01 (6900)	NC	NC	NC	NC	✓	✓
OmniSwitch Series 7.1.1.1717 R01 (10K)	NC	NC	NC	NC	✓	✓
OmniSwitch Series 6.6.2.315 R01 (6250)	See Table 13-2.					
OmniSwitch Series 6.6.1.859 R01 (6250)	✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.4.4.410 R01 (6850 / 6850E / 6400 / 6855 / 6855U24X / 9700E / 9800E)	See Table 13-4.					
OmniSwitch Series 6.4.4 R01 (6850 / 6850E / 6400 / 6855 / 6855U24X / 9700E / 9800E)						
OmniSwitch Series 6.4.3.810 R01 (6850 / 6400 / 6855(6855U24x) / 9600 / 9700 / 9800 / 9700E / 9800E)	✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.4.2.968 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E)	✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.3.4.621 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800)	See Table 13-5.					
OmniSwitch Series 6.3.4 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800)	See Table 13-6.					
OmniSwitch Series 6.3.3.305 R01 (6400)	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.3 R01 (6400)	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.2 R01 (6855)	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.1.1176 R01 (6850)	NC	NC	NC	NC	NC	NC

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OmniSwitch release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
OmniSwitch Series 6.3.1.1176 R01 (9600 / 9700 / 9800)	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.1 R01 (6850)	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.1 R01 (9600 / 9700 / 9800)	NC	NC	NC	NC	NC	NC

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13.2 OmniSwitch Series 6.6.2

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the OmniSwitch Series 6.6.2.

Table 13-2 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the OmniSwitch Series 6.6.2.315 R01 (6250).

Table 13-2 Compatibility limitations between 5620 SAM 9.0 and OmniSwitch Series 6.6.2.315 R01 (6250)

OmniSwitch Series 6.6.2.315 R01 (6250) Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
SAA feature on 6250 node may not work (above 6.6.2 259) which has node MIB changes (SAA feature enhancement) which are not incorporated in SAM.	◆	◆	◆	◆	◆	—
FPGA Upgrade. 5620 SAM does not support FPGA Upgrade for 6.6.2 nodes due to a limitation on the node.	◆	◆	◆	◆	◆	◆

13.3 OmniSwitch Series 6.4.4

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the OmniSwitch Series 6.4.4.

Table 13-3 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the OmniSwitch Series 6.4.4.373 R01 (6850 / 6850E / 6400 / 6855 / 6855U24X / 9700E / 9800E).

Table 13-3 Compatibility limitations between 5620 SAM 9.0 and OmniSwitch Series 6.6.4.373 R01 (6850 / 6850E / 6400 / 6855 / 6855U24X / 9700E / 9800E))

OmniSwitch Series 6.4.4.373 R01 (6850 / 6850E/ 6400 / 6855 / 6855U24X / 9700E / 9800E) Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 609292) Routing Instance Deployment Failure. 5620 SAM does not support creation of more than 8 VRFs (routing instances) on 6855U24X node.	◆	◆	◆	◆	◆	◆

Table 13-4 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the OmniSwitch Series 6.4.4 R01 (6850 / 6850E / 6400 / 6855 / 6855U24X / 9700E / 9800E).

Table 13-4 Compatibility limitations between 5620 SAM 9.0 and OmniSwitch Series 6.6.4 R01 (6850 / 6850E / 6400 / 6855 / 6855U24X / 9700E / 9800E))

OmniSwitch Series 6.4.4.R01 (6850 / 6850E/ 6400 / 6855 / 6855U24X / 9700E / 9800E) Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
(PTS 609292) Routing Instance Deployment Failure. 5620 SAM does not support creation of more than 8 VRFs (routing instances) on 6855U24X node.	◆	◆	◆	◆	◆	◆

13.4 OmniSwitch Series 6.3.4

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the OmniSwitch Series 6.3.4.

Table 13-5 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the OmniSwitch Series 6.3.4.621 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800).

Table 13-5 Compatibility limitations between 5620 SAM 9.0 and OmniSwitch Series 6.3.4.621 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800)

OmniSwitch Series 6.3.4.621 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800) Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
9600/9700/9800. 5620 SAM only supports 9600/9700/9800 as per 5620 SAM Release Description.	◆	◆	◆	◆	◆	◆

Table 13-6 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the OmniSwitch Series 6.3.4 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800).

Table 13-6 Compatibility limitations between 5620 SAM 9.0 and OmniSwitch Series 6.3.4 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800)

OmniSwitch Series 6.3.4 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800) Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
9600/9700/9800. 5620 SAM only supports 9600/9700/9800 as per 5620 SAM Release Description.	◆	◆	◆	◆	◆	◆

14 — 5620 SAM 9.0 compatibility with 9500 MPR

14.1	Release compatibility	14-2
14.2	9500 MPR ANSI 3.2	14-2
14.3	9500 MPR ANSI 3.1	14-3
14.4	9500 MPR ANSI 3.0	14-3
14.5	9500 MPR ETSI 3.2	14-4
14.6	9500 MPR ETSI 3.1	14-4
14.7	9500 MPR ETSI 3.0	14-4

14.1 Release compatibility

Table 14-1 lists the release compatibility between the 5620 SAM, Release 9.0, and the 9500 MPR. Any compatibility limitations are described in sections 14.2, 14.3, 14.4, 14.5, 14.6, and 14.7.

Table 14-1 5620 SAM 9.0 compatibility with 9500 MPR

9500 MPR release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
ANSI 3.2	See Table 14-2.					
ANSI 3.1	See Table 14-3.					
ANSI 3.0	See Table 14-4.					
ANSI 2.2.1	✓	✓	✓	✓	✓	✓
ANSI 2.2.0	✓	✓	✓	✓	✓	✓
ANSI 2.1	NC	NC	NC	NC	NC	NC
ANSI 2.0.1	NC	NC	NC	NC	NC	NC
ANSI 2.0	NC	NC	NC	NC	NC	NC
ANSI 1.2	✓	✓	✓	✓	✓	✓
ETSI 3.2	See Table 14-5.					
ETSI 3.1	See Table 14-6.					
ETSI 3.0	See Table 14-7.					
ETSI 2.1	✓	✓	✓	✓	✓	✓
ETSI 1.4	✓	✓	✓	✓	✓	✓
ETSI 1.3.0 to 1.3.1	✓	✓	✓	✓	✓	✓
ETSI 1.2.1 to 1.2.2	NC	NC	NC	NC	NC	NC
ETSI 1.2.0	NC	NC	NC	NC	NC	NC

14.2 9500 MPR ANSI 3.2

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 9500 MPR ANSI, Release 3.2.

Table 14-2 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 9500 MPR ANSI, Release 3.2.

Table 14-2 Compatibility limitations between 5620 SAM 9.0 and 9500 MPR ANSI 3.2

9500 MPR ANSI 3.2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
ERPS G.8032 is not supported.	—	—	—	—	◆	◆
NTP Protocol and Server configuration (excluding Time configuration) are not supported.	—	—	—	—	◆	◆

14.3 9500 MPR ANSI 3.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 9500 MPR ANSI, Release 3.1.

Table 14-3 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 9500 MPR ANSI, Release 3.1.

Table 14-3 Compatibility limitations between 5620 SAM 9.0 and 9500 MPR ANSI 3.1

9500 MPR ANSI 3.1 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
ERPS G.8032 is not supported.	—	—	—	—	◆	◆
NTP Protocol and Server configuration (excluding Time configuration) are not supported.	—	—	—	—	◆	◆
Service creation/discovery over Ethernet LAG.	—	—	—	—	◆	◆

14.4 9500 MPR ANSI 3.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 9500 MPR ANSI, Release 3.0.

Table 14-4 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 9500 MPR ANSI, Release 3.0.

Table 14-4 Compatibility limitations between 5620 SAM 9.0 and 9500 MPR ANSI 3.0

9500 MPR ANSI 3.0 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
N x(1+0). 5620 SAM does not support multiple radio links between two network elements.	◆	◆	◆	◆	◆	◆

14.5 9500 MPR ETSI 3.2

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 9500 MPR ETSI, Release 3.2.

Table 14-5 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 9500 MPR ETSI, Release 3.2.

Table 14-5 Compatibility limitations between 5620 SAM 9.0 and 9500 MPR ETSI 3.2

9500 MPR ETSI 3.2 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
ERPS G.8032 is not supported.	—	—	—	—	◆	◆
NTP Protocol and Server configuration (excluding Time configuration) are not supported.	—	—	—	—	◆	◆

14.6 9500 MPR ETSI 3.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 9500 MPR ETSI, Release 3.1.

Table 14-6 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 9500 MPR ETSI, Release 3.1.

Table 14-6 Compatibility limitations between 5620 SAM 9.0 and 9500 MPR ETSI 3.1

9500 MPR ETSI 3.1 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
ERPS G.8032 is not supported.	—	—	—	—	◆	◆
NTP Protocol and Server configuration (excluding Time configuration) are not supported.	—	—	—	—	◆	◆
Service creation/discovery over Ethernet LAG.	—	—	—	—	◆	◆

14.7 9500 MPR ETSI 3.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 9.0, and the 9500 MPR ETSI, Release 3.0.

Table 14-7 describes the compatibility limitations between the 5620 SAM, Release 9.0, and the 9500 MPR ETSI, Release 3.0.

Table 14-7 Compatibility limitations between 5620 SAM 9.0 and 9500 MPR ETSI 3.0

9500 MPR ETSI 3.0 Compatibility Statement	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
N x(1+0). 5620 SAM does not support multiple radio links between two network elements.	◆	◆	◆	◆	◆	◆

15 – 5620 SAM 9.0 compatibility with 1830 PSS

15.1 Release compatibility 15-2

15.1 Release compatibility

Table 15-1 lists the release compatibility between the 5620 SAM, Release 9.0 and the 1830 PSS.

Table 15-1 5620 SAM 9.0 compatibility with 1830 PSS

1830 PSS release	5620 SAM 9.0					
	R1	R2	R3	R4	R5	R6
1830 PSS-32 3.5.1 / 3.5.2 / 3.5.3	NC	NC	✓	✓	✓	✓
1830 PSS-16 3.5.1 / 3.5.2 / 3.5.3	NC	NC	✓	✓	✓	✓
1830 PSS-1 GBEH 2.7	NC	NC	✓	✓	✓	✓
1830 PSS-32 2.5.0 / 2.5.1	✓	✓	✓	✓	✓	✓
1830 PSS-16 2.5.0 / 2.5.1	✓	✓	✓	✓	✓	✓
1830 PSS-1 GBEH 2.5.0	✓	✓	✓	✓	✓	✓
1830 PSS-1 MD4H1.7	NC	NC	✓	✓	✓	✓
1830 PSS-4 1.5	NC	NC	✓	✓	✓	✓
1830 PSS-1 MD4H1.5.0	✓	✓	✓	✓	✓	✓
1830 PSS-1 AHP 1.0	✓	✓	✓	✓	✓	✓

5620 SAM 8.0

- 16 – 5620 SAM 8.0 compatibility with 7750 SR
- 17 – 5620 SAM 8.0 compatibility with 7450 ESS
- 18 – 5620 SAM 8.0 compatibility with 7710 SR
- 19 – 5620 SAM 8.0 compatibility with 7705 SAR
- 20 – 5620 SAM 8.0 compatibility with 7210 SAS
- 21 – 5620 SAM 8.0 compatibility with 7250 SAS
- 22 – 5620 SAM 8.0 compatibility with 7750 MG
- 23 – 5620 SAM 8.0 compatibility with 9471 MME
- 24 – 5620 SAM 8.0 compatibility with 5780 DSC
- 25 – 5620 SAM 8.0 compatibility with 9412 / 9926 eNodeB
- 26 – 5620 SAM 8.0 compatibility with Telco T5 Compact
- 27 – 5620 SAM 8.0 compatibility with OmniSwitch
- 28 – 5620 SAM 8.0 compatibility with 9500 MPR
- 29 – 5620 SAM 8.0 compatibility with 1830 PSS

16 — 5620 SAM 8.0 compatibility with 7750 SR

16.1	Release compatibility	16-2
16.2	7750 SR 8.0	16-3
16.3	7750 SR 7.0	16-50
16.4	7750 SR 6.1	16-76
16.5	7750 SR 6.0	16-88

16.1 Release compatibility

Table 16-1 lists the release compatibility between the 5620 SAM, Release 8.0, and the 7750 SR. Any compatibility limitations are described in sections 16.2, 16.3, 16.4, and 16.5.

Table 16-1 5620 SAM 8.0 compatibility with 7750 SR

7750 SR release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
9.0	NC	NC	NC	NC	NC	NC	NC	NC
8.0 R10 to R12	See Table 16-2.							
8.0 R9	See Table 16-3.							
8.0 R7	See Table 16-4.							
8.0 R6	See Table 16-5.							
8.0 R5	See Table 16-6.							
8.0 R4	See Table 16-7.							
8.0 R3	See Table 16-8.							
8.0 R1 to R2	See Table 16-9.							
7.0 R19 to R20	See Table 16-10.							
7.0 R17 to R18	See Table 16-11.							
7.0 R14 to R16	See Table 16-12.							
7.0 R13	See Table 16-13.							
7.0 R12	See Table 16-14.							
7.0 R10 to R11	See Table 16-15.							
7.0 R8 to R9	See Table 16-16.							
7.0 R7	See Table 16-17.							
7.0 R6	See Table 16-18.							
7.0 R5	See Table 16-19.							
7.0 R4	See Table 16-20.							
7.0 R3	See Table 16-21.							
6.1 R20	See Table 16-22.							
6.1 R18 to R19	See Table 16-23.							
6.1 R17	See Table 16-24.							
6.1 R15 to R16	See Table 16-25.							
6.1 R14	See Table 16-26.							
6.1 R13	See Table 16-27.							
6.1 R12	See Table 16-28.							
6.1 R11	See Table 16-29.							

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7750 SR release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
6.1 R10	See Table 16-30.							
6.1 R9	See Table 16-31.							
6.1 R7 to R8	See Table 16-32.							
6.1 R6	See Table 16-33.							
6.0 R18 to R19	See Table 16-34.							
6.0 R17	See Table 16-35.							
6.0 R16	See Table 16-36.							
6.0 R15	See Table 16-37.							
6.0 R14	See Table 16-38.							
6.0 R13	See Table 16-39.							
6.0 R12	See Table 16-40.							
6.0 R11	See Table 16-41.							
6.0 R10	See Table 16-42.							
6.0 R9	See Table 16-43.							
6.0 R7 to R8	See Table 16-44.							
6.0 R6	See Table 16-45.							
6.0 R5	See Table 16-46.							
6.0 R4	See Table 16-47.							
6.0 R3	See Table 16-48.							
6.0 R2	See Table 16-49.							
6.0 R1	See Table 16-50.							
5.0 or earlier	NC	NC	NC	NC	NC	NC	NC	NC

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16.2 7750 SR 8.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 8.0.

Table 16-2 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 8.0 R10 to R12.

Table 16-2 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 8.0 R10 to R12

7750 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PPP LCP Protocol Reject. 5620 SAM does not support provisioning PPP policy to “reject-disabled-ncp” if ipv6 was not configured”. [610833]	◆	◆	◆	◆	◆	◆	◆	◆
Credit Control IPv6 Filter. 5620 SAM does not support new range of icmp-code and icmp-type. [610781]	◆	◆	◆	◆	◆	◆	◆	◆
CBS Pool Alarm Thresholds. 5620 SAM does not support provisioning or monitoring of pool alarm thresholds for CBS. [610784]	◆	◆	◆	◆	◆	◆	◆	◆
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]	◆	◆	◆	◆	◆	◆	◆	◆
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054]	◆	◆	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059]	◆	◆	◆	◆	◆	◆	◆	◆
Configurable Filter Lock for LI. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635]	◆	◆	◆	◆	◆	◆	◆	◆
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	◆	◆	◆	◆	◆	◆
TDCM Dispersion Sweeping. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637]	◆	◆	◆	◆	◆	◆	◆	◆
Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆	◆	◆
Additional Chassis Support for Cpipe VLL PW Switching. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, 7450 ESS-6v, 7450 ESS-1 and 7750 SR-1 chassis types. [598843]	◆	◆	◆	◆	◆	◆	◆	◆
Epipe Endpoint Standby-Signaling-Slave Support. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845]	◆	◆	◆	◆	◆	◆	◆	◆
Epipe Spoke-SDP PW-Status-Signaling Support. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846]	◆	◆	◆	◆	◆	◆	◆	◆
Hash-label Feature Support in Chassis Mode A/B. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847]	◆	◆	◆	◆	◆	◆	◆	◆
Removal of Chassis Mode D Restriction for PBB MC-LAG. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849]	◆	◆	◆	◆	◆	◆	◆	◆
IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).	◆	◆	◆	◆	◆	◆	◆	◆
IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.	◆	◆	◆	◆	◆	◆	◆	◆
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 601293) Deployment Failure For ISA IPSec Group Creation. Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293]	◆	◆	◆	◆	◆	◆	—	—
VPLS L2 Access Interface Ring-Node Support. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]	◆	◆	◆	◆	◆	◆	—	—
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.	◆	◆	◆	◆	—	—	—	—
IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.	◆	◆	◆	◆	—	—	—	—
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
SC-APS Support for MLPPP on Network Ports. 5620 SAM does not support MLPPP on Network Ports for SC-APS.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
7750 SR-c4. 5620 SAM does not support Management of 7750 SR-c4.	◆	◆	◆	◆	—	—	—	—
OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.	◆	◆	◆	◆	—	—	—	—
BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	—	—	—	—
G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.	◆	◆	◆	◆	—	—	—	—
NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	—	—	—	—
Video Dual-Stream Selection. 5620 SAM does not support video dual-stream selection.	◆	◆	◆	◆	—	—	—	—
Video Quality Monitoring. 5620 SAM does not support Video Quality Monitoring (VQM).	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
Routed VPLS. 5620 SAM does not support Routed VPLS.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.	◆	◆	◆	◆	—	—	—	—
IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.	◆	◆	◆	◆	—	—	—	—
AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]	◆	◆	◆	◆	—	—	—	—
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).	◆	◆	—	—	—	—	—	—
LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.	◆	◆	—	—	—	—	—	—
L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.	◆	◆	—	—	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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Table 16-3 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 8.0 R9.

Table 16-3 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 8.0 R9

7750 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]	◆	◆	◆	◆	◆	◆	◆	◆
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054]	◆	◆	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059]	◆	◆	◆	◆	◆	◆	◆	◆
Configurable Filter Lock for LI. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635]	◆	◆	◆	◆	◆	◆	◆	◆
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	◆	◆	◆	◆	◆	◆
TDCM Dispersion Sweeping. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637]	◆	◆	◆	◆	◆	◆	◆	◆
Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆	◆	◆
Additional Chassis Support for Cpipe VLL PW Switching. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, 7450 ESS-6v, 7450 ESS-1 and 7750 SR-1 chassis types. [598843]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Epipe Endpoint Standby-Signaling-Slave Support. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845]	◆	◆	◆	◆	◆	◆	◆	◆
Epipe Spoke-SDP PW-Status-Signaling Support. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846]	◆	◆	◆	◆	◆	◆	◆	◆
Hash-label Feature Support in Chassis Mode A/B. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847]	◆	◆	◆	◆	◆	◆	◆	◆
Removal of Chassis Mode D Restriction for PBB MC-LAG. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849]	◆	◆	◆	◆	◆	◆	◆	◆
IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).	◆	◆	◆	◆	◆	◆	◆	◆
IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.	◆	◆	◆	◆	◆	◆	◆	◆
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
(PTS 601293) Deployment Failure For ISA IPSec Group Creation. Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293]	◆	◆	◆	◆	◆	◆	—	—
VPLS L2 Access Interface Ring-Node Support. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]	◆	◆	◆	◆	◆	◆	—	—

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7750 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	—	—	—	—
IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.	◆	◆	◆	◆	—	—	—	—
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
SC-APS Support for MLPPP on Network Ports. 5620 SAM does not support MLPPP on Network Ports for SC-APS.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
7750 SR-c4. 5620 SAM does not support Management of 7750 SR-c4.	◆	◆	◆	◆	—	—	—	—
OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.	◆	◆	◆	◆	—	—	—	—
BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.	◆	◆	◆	◆	—	—	—	—
NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Video Dual-Stream Selection. 5620 SAM does not support video dual-stream selection.	◆	◆	◆	◆	—	—	—	—
Video Quality Monitoring. 5620 SAM does not support Video Quality Monitoring (VQM).	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
Routed VPLS. 5620 SAM does not support Routed VPLS.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.	◆	◆	◆	◆	—	—	—	—
IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.	◆	◆	◆	◆	—	—	—	—
AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.	◆	◆	◆	◆	—	—	—	—
Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]	◆	◆	◆	◆	—	—	—	—
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).	◆	◆	—	—	—	—	—	—
LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.	◆	◆	—	—	—	—	—	—
L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.	◆	◆	—	—	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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Note — The 7750 SR, Release 8.0 R8, was never released to the field.

Table 16-4 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 8.0 R7.

Table 16-4 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 8.0 R7

7750 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Configurable Filter Lock for LI. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635]	◆	◆	◆	◆	◆	◆	◆	◆
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	◆	◆	◆	◆	◆	◆
TDCM Dispersion Sweeping. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637]	◆	◆	◆	◆	◆	◆	◆	◆
Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆	◆	◆
Additional Chassis Support for Cpipe VLL PW Switching. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, 7450 ESS-6v, 7450 ESS-1 and 7750 SR-1 chassis types. [598843]	◆	◆	◆	◆	◆	◆	◆	◆
Epipe Endpoint Standby-Signaling-Slave Support. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845]	◆	◆	◆	◆	◆	◆	◆	◆
Epipe Spoke-SDP PW-Status-Signaling Support. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846]	◆	◆	◆	◆	◆	◆	◆	◆
Hash-label Feature Support in Chassis Mode A/B. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847]	◆	◆	◆	◆	◆	◆	◆	◆
Removal of Chassis Mode D Restriction for PBB MC-LAG. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849]	◆	◆	◆	◆	◆	◆	◆	◆
IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).	◆	◆	◆	◆	◆	◆	◆	◆
IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
(PTS 601293) Deployment Failure For ISA IPSec Group Creation. Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293]	◆	◆	◆	◆	◆	◆	—	—
VPLS L2 Access Interface Ring-Node Support. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]	◆	◆	◆	◆	◆	◆	—	—
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.	◆	◆	◆	◆	—	—	—	—
IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.	◆	◆	◆	◆	—	—	—	—
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
SC-APS Support for MLPPP on Network Ports. 5620 SAM does not support MLPPP on Network Ports for SC-APS.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	—	—	—	—
7750 SR-c4. 5620 SAM does not support Management of 7750 SR-c4.	◆	◆	◆	◆	—	—	—	—
OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.	◆	◆	◆	◆	—	—	—	—
BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.	◆	◆	◆	◆	—	—	—	—
NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Video Dual-Stream Selection. 5620 SAM does not support video dual-stream selection.	◆	◆	◆	◆	—	—	—	—
Video Quality Monitoring. 5620 SAM does not support Video Quality Monitoring (VQM).	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
Routed VPLS. 5620 SAM does not support Routed VPLS.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
Hashing Enhancements for Consistent Per-Service Forwarding. 5620 SAM does not support hashing enhancements for consistent per-service forwarding.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM. 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
Subscriber Attribute Override of App-Profile Values. 5620 SAM does not support subscriber attribute override of app-profile values.	◆	◆	◆	◆	—	—	—	—
IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.	◆	◆	◆	◆	—	—	—	—
AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.	◆	◆	◆	◆	—	—	—	—
Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]	◆	◆	◆	◆	—	—	—	—
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).	◆	◆	—	—	—	—	—	—
LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.	◆	◆	—	—	—	—	—	—
L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.	◆	◆	—	—	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—

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7750 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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Table 16-5 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 8.0 R6.

Table 16-5 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 8.0 R6

7750 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆	◆	◆
Additional Chassis Support for Cpipe VLL PW Switching. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, 7450 ESS-6v, 7450 ESS-1 and 7750 SR-1 chassis types. [598843]	◆	◆	◆	◆	◆	◆	◆	◆
Epipe Endpoint Standby-Signaling-Slave Support. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845]	◆	◆	◆	◆	◆	◆	◆	◆
Epipe Spoke-SDP PW-Status-Signaling Support. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846]	◆	◆	◆	◆	◆	◆	◆	◆
Hash-label Feature Support in Chassis Mode A/B. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Removal of Chassis Mode D Restriction for PBB MC-LAG. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849]	◆	◆	◆	◆	◆	◆	◆	◆
IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).	◆	◆	◆	◆	◆	◆	◆	◆
IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.	◆	◆	◆	◆	◆	◆	◆	◆
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
VPLS L2 Access Interface Ring-Node Support. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]	◆	◆	◆	◆	◆	◆	—	—
(PTS 598309) Router Reboot Caused By Service Endpoint Creation. Creation of a service endpoint using 5620 SAM will result in a router reboot. A fix for this issue will be available as of 5620 SAM 8.0 R6 or 7750/7450/7710 Release 8.0 R7. [598309]	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.	◆	◆	◆	◆	—	—	—	—
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
SC-APS Support for MLPPP on Network Ports. 5620 SAM does not support MLPPP on Network Ports for SC-APS.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
7750 SR-c4. 5620 SAM does not support Management of 7750 SR-c4.	◆	◆	◆	◆	—	—	—	—
OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.	◆	◆	◆	◆	—	—	—	—
BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.	◆	◆	◆	◆	—	—	—	—
NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Video Dual-Stream Selection. 5620 SAM does not support video dual-stream selection.	◆	◆	◆	◆	—	—	—	—
Video Quality Monitoring. 5620 SAM does not support Video Quality Monitoring (VQM).	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Routed VPLS. 5620 SAM does not support Routed VPLS.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.	◆	◆	◆	◆	—	—	—	—
IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.	◆	◆	◆	◆	—	—	—	—
AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.	◆	◆	◆	◆	—	—	—	—
Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]	◆	◆	◆	◆	—	—	—	—
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).	◆	◆	—	—	—	—	—	—
LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.	◆	◆	—	—	—	—	—	—

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7750 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.	◆	◆	—	—	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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Table 16-6 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 8.0 R5.

Table 16-6 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 8.0 R5

7750 SR 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).	◆	◆	◆	◆	◆	◆	◆	◆
IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.	◆	◆	◆	◆	◆	◆	◆	◆
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.	◆	◆	◆	◆	—	—	—	—
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
SC-APS Support for MLPPP on Network Ports. 5620 SAM does not support MLPPP on Network Ports for SC-APS.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
7750 SR-c4. 5620 SAM does not support Management of 7750 SR-c4.	◆	◆	◆	◆	—	—	—	—
OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.	◆	◆	◆	◆	—	—	—	—
BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	—	—	—	—
G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.	◆	◆	◆	◆	—	—	—	—
NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	—	—	—	—
Video Dual-Stream Selection. 5620 SAM does not support video dual-stream selection.	◆	◆	◆	◆	—	—	—	—
Video Quality Monitoring. 5620 SAM does not support Video Quality Monitoring (VQM).	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
Routed VPLS. 5620 SAM does not support Routed VPLS.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
Hashing Enhancements for Consistent Per-Service Forwarding. 5620 SAM does not support hashing enhancements for consistent per-service forwarding.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM. 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
Subscriber Attribute Override of App-Profile Values. 5620 SAM does not support subscriber attribute override of app-profile values.	◆	◆	◆	◆	—	—	—	—
IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.	◆	◆	◆	◆	—	—	—	—
AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]	◆	◆	◆	◆	—	—	—	—
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).	◆	◆	—	—	—	—	—	—
LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.	◆	◆	—	—	—	—	—	—
L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.	◆	◆	—	—	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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Table 16-7 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 8.0 R4.

Table 16-7 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 8.0 R4

7750 SR 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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).	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	—	—	—	—
7750 SR-c4. 5620 SAM does not support Management of 7750 SR-c4.	◆	◆	◆	◆	—	—	—	—
OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.	◆	◆	◆	◆	—	—	—	—
BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Video Dual-Stream Selection. 5620 SAM does not support video dual-stream selection.	◆	◆	◆	◆	—	—	—	—
Video Quality Monitoring. 5620 SAM does not support Video Quality Monitoring (VQM).	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
Routed VPLS. 5620 SAM does not support Routed VPLS.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.	◆	◆	◆	◆	—	—	—	—
IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.	◆	◆	◆	◆	—	—	—	—
AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.	◆	◆	◆	◆	—	—	—	—
Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]	◆	◆	◆	◆	—	—	—	—
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).	◆	◆	—	—	—	—	—	—
LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.	◆	◆	—	—	—	—	—	—
L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.	◆	◆	—	—	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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Table 16-8 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 8.0 R3.

Table 16-8 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 8.0 R3

7750 SR 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675, 580518]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—

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7750 SR 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]	◆	◆	◆	◆	—	—	—	—
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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Table 16-9 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 8.0 R1 to R2.

Table 16-9 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 8.0 R1 to R2

7750 SR 8.0 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 8.0 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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16.3 7750 SR 7.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 7.0.

Table 16-10 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 7.0 R19 to R20.

Table 16-10 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 7.0 R19 to R20

7750 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929]	◆	◆	◆	◆	◆	◆	◆	◆
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
(PTS 603378) Deployment Failure For ISA IPSec Group Creation. Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378]	◆	◆	◆	◆	◆	◆	—	—
(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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—

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7750 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 16-11 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 7.0 R17 to R18.

Table 16-11 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 7.0 R17 to R18

7750 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—

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7750 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 603378) Deployment Failure For ISA IPSec Group Creation. Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378]	◆	◆	◆	◆	◆	◆	—	—
(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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 16-12 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 7.0 R14 to R16.

Table 16-12 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 7.0 R14 to R16

7750 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—

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7750 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 16-13 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 7.0 R13.

Table 16-13 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 7.0 R13

7750 SR 7.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
(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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—

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7750 SR 7.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 16-14 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 7.0 R12.

Table 16-14 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 7.0 R12

7750 SR 7.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
(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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—

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7750 SR 7.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 16-15 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 7.0 R10 to R11.

Table 16-15 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 7.0 R10 to R11

7750 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—

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7750 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 16-16 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 7.0 R8 to R9.

Table 16-16 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 7.0 R8 to R9

7750 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—

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7750 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 16-17 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 7.0 R7.

Table 16-17 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 7.0 R7

7750 SR 7.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—

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7750 SR 7.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 16-18 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 7.0 R6.

Table 16-18 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 7.0 R6

7750 SR 7.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 16-19 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 7.0 R5.

Table 16-19 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 7.0 R5

7750 SR 7.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 16-20 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 7.0 R4.

Table 16-20 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 7.0 R4

7750 SR 7.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—

Table 16-21 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 7.0 R3.

Table 16-21 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 7.0 R3

7750 SR 7.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	◆	◆	◆	◆	◆

16.4 7750 SR 6.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.1.

Table 16-22 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.1 R20.

Table 16-22 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.1 R20

7750 SR 6.1 R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [613097]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM hi-bwmcst-src default-paths-only parameter. 5620 SAM does not support hi-bwmcst-src default-paths-only parameter. [613041]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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7750 SR 6.1 R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	—	—	—	—	—	—

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Table 16-23 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.1 R18 to R19.

Table 16-23 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.1 R18 to R19

7750 SR 6.1 R18 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R18 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—

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Table 16-24 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.1 R17.

Table 16-24 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.1 R17

7750 SR 6.1 R17 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	—	—	—	—

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7750 SR 6.1 R17 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—

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Table 16-25 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.1 R15 to R16.

Table 16-25 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.1 R15 to R16

7750 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—

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Table 16-26 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.1 R14.

Table 16-26 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.1 R14

7750 SR 6.1 R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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7750 SR 6.1 R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	—	—	—	—	—	—

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Table 16-27 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.1 R13.

Table 16-27 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.1 R13

7750 SR 6.1 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—

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7750 SR 6.1 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 16-28 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.1 R12.

Table 16-28 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.1 R12

7750 SR 6.1 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—

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7750 SR 6.1 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 16-29 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.1 R11.

Table 16-29 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.1 R11

7750 SR 6.1 R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

Table 16-30 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.1 R10.

Table 16-30 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.1 R10

7750 SR 6.1 R10 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

Table 16-31 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.1 R9.

Table 16-31 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.1 R9

7750 SR 6.1 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

Table 16-32 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.1 R7 to R8.

Table 16-32 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.1 R7 to R8

7750 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆

Table 16-33 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.1 R6.

Table 16-33 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.1 R6

7750 SR 6.1 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆

16.5 7750 SR 6.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0.

Table 16-34 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R18 to R19.

Table 16-34 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R18 to R19

7750 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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7750 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	—	—	—	—	—	—

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Table 16-35 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R17.

Table 16-35 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R17

7750 SR 6.0 R17 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R17 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—

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Table 16-36 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R16.

Table 16-36 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R16

7750 SR 6.0 R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 16-37 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R15.

Table 16-37 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R15

7750 SR 6.0 R15 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R15 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 16-38 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R14.

Table 16-38 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R14

7750 SR 6.0 R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 16-39 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R13.

Table 16-39 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R13

7750 SR 6.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 16-40 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R12.

Table 16-40 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R12

7750 SR 6.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆

Table 16-41 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R11.

Table 16-41 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R11

7750 SR 6.0 R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆

Table 16-42 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R10.

Table 16-42 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R10

7750 SR 6.0 R10 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆

Table 16-43 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R9.

Table 16-43 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R9

7750 SR 6.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆

Table 16-44 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R7 to R8.

Table 16-44 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R7 to R8

7750 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	◆	◆	◆	◆	◆	◆	◆	◆

Table 16-45 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R6.

Table 16-45 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R6

7750 SR 6.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	◆	◆	◆	◆	◆	◆	◆	◆

Table 16-46 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R5.

Table 16-46 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R5

7750 SR 6.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	◆	◆	◆	◆	◆	◆	◆	◆

Table 16-47 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R4.

Table 16-47 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R4

7750 SR 6.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	◆	◆	◆	◆	◆	◆	◆	◆

Table 16-48 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R3.

Table 16-48 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R3

7750 SR 6.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	◆	◆	◆	◆	◆	◆	◆	◆

Table 16-49 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R2.

Table 16-49 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R2

7750 SR 6.0 R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 16-50 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 SR, Release 6.0 R1.

Table 16-50 Compatibility limitations between 5620 SAM 8.0 and 7750 SR 6.0 R1

7750 SR 6.0 R1 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	◆	◆	◆	◆	◆	◆	◆	◆

17 – 5620 SAM 8.0 compatibility with 7450 ESS

17.1	Release compatibility	17-2
17.2	7450 ESS 8.0	17-3
17.3	7450 ESS 7.0	17-56
17.4	7450 ESS 6.1	17-96
17.5	7450 ESS 6.0	17-122

17.1 Release compatibility

Table 17-1 lists the release compatibility between the 5620 SAM, Release 8.0, and the 7450 ESS. Any compatibility limitations are described in sections 17.2, 17.3, 17.4, and 17.5.

Table 17-1 5620 SAM 8.0 compatibility with 7450 ESS

7450 ESS release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
9.0	NC	NC	NC	NC	NC	NC	NC	NC
8.0 R10 to R12	See Table 17-2.							
8.0 R9	See Table 17-3.							
8.0 R7	See Table 17-4.							
8.0 R6	See Table 17-5.							
8.0 R5	See Table 17-6.							
8.0 R4	See Table 17-7.							
8.0 R3	See Table 17-8.							
8.0 R1 to R2	See Table 17-9.							
7.0 R19 to R20	See Table 17-10.							
7.0 R17 to R18	See Table 17-11.							
7.0 R14 to R16	See Table 17-12.							
7.0 R13	See Table 17-13.							
7.0 R12	See Table 17-14.							
7.0 R10 to R11	See Table 17-15.							
7.0 R8 to R9	See Table 17-16.							
7.0 R7	See Table 17-17.							
7.0 R6	See Table 17-18.							
7.0 R5	See Table 17-19.							
7.0 R4	See Table 17-20.							
7.0 R3	See Table 17-21.							
7.0 R1 to R2	See Table 17-22.							
6.1 R20	See Table 17-23.							
6.1 R18 to R19	See Table 17-24.							
6.1 R17	See Table 17-25.							
6.1 R15 to R16	See Table 17-26.							
6.1 R14	See Table 17-27.							
6.1 R13	See Table 17-28.							
6.1 R12	See Table 17-29.							

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7450 ESS release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
6.1 R11	See Table 17-30.							
6.1 R9 to R10	See Table 17-31.							
6.1 R7 to R8	See Table 17-32.							
6.1 R6	See Table 17-33.							
6.1 R5	See Table 17-34.							
6.1 R4	See Table 17-35.							
6.1 R3	See Table 17-36.							
6.1 R1 to R2	See Table 17-37.							
6.0 R18 to R19	See Table 17-38.							
6.0 R17	See Table 17-39.							
6.0 R16	See Table 17-40.							
6.0 R15	See Table 17-41.							
6.0 R13 to R14	See Table 17-42.							
6.0 R12	See Table 17-43.							
6.0 R11	See Table 17-44.							
6.0 R10	See Table 17-45.							
6.0 R9	See Table 17-46.							
6.0 R7 to R8	See Table 17-47.							
6.0 R5 to R6	See Table 17-48.							
6.0 R4	See Table 17-49.							
6.0 R3	See Table 17-50.							
6.0 R2	See Table 17-51.							
6.0 R1	See Table 17-52.							
5.0 or earlier	NC	NC	NC	NC	NC	NC	NC	NC

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17.2 7450 ESS 8.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 8.0.

Table 17-2 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 8.0 R10 to R12.

Table 17-2 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 8.0 R10 to R12

7450 ESS 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PPP LCP Protocol Reject. 5620 SAM does not support provisioning PPP policy to “reject-disabled-ncp” if ipv6 was not configured”. [610833]	◆	◆	◆	◆	◆	◆	◆	◆
Credit Control IPv6 Filter. 5620 SAM does not support new range of icmp-code and icmp-type. [610781]	◆	◆	◆	◆	◆	◆	◆	◆
CBS Pool Alarm Thresholds. 5620 SAM does not support provisioning or monitoring of pool alarm thresholds for CBS. [610784]	◆	◆	◆	◆	◆	◆	◆	◆
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]	◆	◆	◆	◆	◆	◆	◆	◆
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054]	◆	◆	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059]	◆	◆	◆	◆	◆	◆	◆	◆
Configurable Filter Lock for LI. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635]	◆	◆	◆	◆	◆	◆	◆	◆
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	◆	◆	◆	◆	◆	◆
TDCM Dispersion Sweeping. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637]	◆	◆	◆	◆	◆	◆	◆	◆
Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆	◆	◆
Additional Chassis Support for Cpipe VLL PW Switching. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, 7450 ESS-6v, 7450 ESS-1 and 7750 SR-1 chassis types. [598843]	◆	◆	◆	◆	◆	◆	◆	◆
Epipe Endpoint Standby-Signaling-Slave Support. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845]	◆	◆	◆	◆	◆	◆	◆	◆
Epipe Spoke-SDP PW-Status-Signaling Support. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846]	◆	◆	◆	◆	◆	◆	◆	◆
Hash-label Feature Support in Chassis Mode A/B. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847]	◆	◆	◆	◆	◆	◆	◆	◆
Removal of Chassis Mode D Restriction for PBB MC-LAG. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849]	◆	◆	◆	◆	◆	◆	◆	◆
IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.	◆	◆	◆	◆	◆	◆	◆	◆
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
VPLS L2 Access Interface Ring-Node Support. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]	◆	◆	◆	◆	◆	◆	—	—
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.	◆	◆	◆	◆	—	—	—	—
IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.	◆	◆	◆	◆	—	—	—	—
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.	◆	◆	◆	◆	—	—	—	—
BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/7450 ESS-12.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	—	—	—	—
G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.	◆	◆	◆	◆	—	—	—	—
NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
Routed VPLS. 5620 SAM does not support Routed VPLS.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.	◆	◆	◆	◆	—	—	—	—
IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.	◆	◆	◆	◆	—	—	—	—
AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.	◆	◆	◆	◆	—	—	—	—
Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).	◆	◆	—	—	—	—	—	—
LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.	◆	◆	—	—	—	—	—	—
L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.	◆	◆	—	—	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—

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7450 ESS 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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Table 17-3 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 8.0 R9.

Table 17-3 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 8.0 R9

7450 ESS 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]	◆	◆	◆	◆	◆	◆	◆	◆
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054]	◆	◆	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059]	◆	◆	◆	◆	◆	◆	◆	◆
Configurable Filter Lock for LI. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635]	◆	◆	◆	◆	◆	◆	◆	◆
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	◆	◆	◆	◆	◆	◆
TDCM Dispersion Sweeping. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637]	◆	◆	◆	◆	◆	◆	◆	◆
Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆	◆	◆
Additional Chassis Support for Cpipe VLL PW Switching. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, 7450 ESS-6v, 7450 ESS-1 and 7750 SR-1 chassis types. [598843]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Epipe Endpoint Standby-Signaling-Slave Support. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845]	◆	◆	◆	◆	◆	◆	◆	◆
Epipe Spoke-SDP PW-Status-Signaling Support. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846]	◆	◆	◆	◆	◆	◆	◆	◆
Hash-label Feature Support in Chassis Mode A/B. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847]	◆	◆	◆	◆	◆	◆	◆	◆
Removal of Chassis Mode D Restriction for PBB MC-LAG. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849]	◆	◆	◆	◆	◆	◆	◆	◆
IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.	◆	◆	◆	◆	◆	◆	◆	◆
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
VPLS L2 Access Interface Ring-Node Support. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]	◆	◆	◆	◆	◆	◆	—	—
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.	◆	◆	◆	◆	—	—	—	—
IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.	◆	◆	◆	◆	—	—	—	—
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.	◆	◆	◆	◆	—	—	—	—
BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/7450 ESS-12.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
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/CMAAs that previously only supported bi-directional switching mode APS.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.	◆	◆	◆	◆	—	—	—	—
NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
Routed VPLS. 5620 SAM does not support Routed VPLS.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.	◆	◆	◆	◆	—	—	—	—
IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.	◆	◆	◆	◆	—	—	—	—
AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.	◆	◆	◆	◆	—	—	—	—
Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).	◆	◆	—	—	—	—	—	—
LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.	◆	◆	—	—	—	—	—	—
L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.	◆	◆	—	—	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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Note — The 7450 ESS, Release 8.0 R8, was never released to the field.

Table 17-4 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 8.0 R7.

Table 17-4 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 8.0 R7

7450 ESS 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]	◆	◆	◆	◆	◆	◆	◆	◆
Configurable Filter Lock for LI. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635]	◆	◆	◆	◆	◆	◆	◆	◆
New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636]	◆	◆	◆	◆	◆	◆	◆	◆
TDCM Dispersion Sweeping. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637]	◆	◆	◆	◆	◆	◆	◆	◆
Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆	◆	◆
Additional Chassis Support for Cpipe VLL PW Switching. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, 7450 ESS-6v, 7450 ESS-1 and 7750 SR-1 chassis types. [598843]	◆	◆	◆	◆	◆	◆	◆	◆
Epipe Endpoint Standby-Signaling-Slave Support. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Epipe Spoke-SDP PW-Status-Signaling Support. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846]	◆	◆	◆	◆	◆	◆	◆	◆
Hash-label Feature Support in Chassis Mode A/B. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847]	◆	◆	◆	◆	◆	◆	◆	◆
Removal of Chassis Mode D Restriction for PBB MC-LAG. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849]	◆	◆	◆	◆	◆	◆	◆	◆
IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.	◆	◆	◆	◆	◆	◆	◆	◆
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
VPLS L2 Access Interface Ring-Node Support. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]	◆	◆	◆	◆	◆	◆	—	—
1-Port 100G and 12-Port 10G Ethernet IMM. 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards.	◆	◆	◆	◆	—	—	—	—
IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.	◆	◆	◆	◆	—	—	—	—
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.	◆	◆	◆	◆	—	—	—	—
BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/7450 ESS-12.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.	◆	◆	◆	◆	—	—	—	—
NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
Routed VPLS. 5620 SAM does not support Routed VPLS.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.	◆	◆	◆	◆	—	—	—	—
IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.	◆	◆	◆	◆	—	—	—	—
AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.	◆	◆	◆	◆	—	—	—	—
Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).	◆	◆	—	—	—	—	—	—
LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.	◆	◆	—	—	—	—	—	—
L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.	◆	◆	—	—	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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Table 17-5 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 8.0 R6.

Table 17-5 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 8.0 R6

7450 ESS 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆	◆	◆
Additional Chassis Support for Cpipe VLL PW Switching. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, 7450 ESS-6v, 7450 ESS-1 and 7750 SR-1 chassis types. [598843]	◆	◆	◆	◆	◆	◆	◆	◆
Epipe Endpoint Standby-Signaling-Slave Support. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845]	◆	◆	◆	◆	◆	◆	◆	◆
Epipe Spoke-SDP PW-Status-Signaling Support. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846]	◆	◆	◆	◆	◆	◆	◆	◆
Hash-label Feature Support in Chassis Mode A/B. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847]	◆	◆	◆	◆	◆	◆	◆	◆
Removal of Chassis Mode D Restriction for PBB MC-LAG. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849]	◆	◆	◆	◆	◆	◆	◆	◆
IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.	◆	◆	◆	◆	◆	◆	◆	◆
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
VPLS L2 Access Interface Ring-Node Support. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]	◆	◆	◆	◆	◆	◆	—	—
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.	◆	◆	◆	◆	—	—	—	—
IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.	◆	◆	◆	◆	—	—	—	—
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.	◆	◆	◆	◆	—	—	—	—
BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/7450 ESS-12.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.	◆	◆	◆	◆	—	—	—	—
NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
Routed VPLS. 5620 SAM does not support Routed VPLS.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.	◆	◆	◆	◆	—	—	—	—
IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.	◆	◆	◆	◆	—	—	—	—
AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.	◆	◆	◆	◆	—	—	—	—
Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).	◆	◆	—	—	—	—	—	—
LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.	◆	◆	—	—	—	—	—	—
L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.	◆	◆	—	—	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—

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7450 ESS 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
(PTS 598309) Router Reboot Caused By Service Endpoint Creation. Creation of a service endpoint using 5620 SAM will result in a router reboot. A fix for this issue will be available as of 5620 SAM 8.0 R6 or 7750/7450/7710 Release 8.0 R7. [598309]	◆	◆	◆	◆	◆	—	—	—

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Table 17-6 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 8.0 R5.

Table 17-6 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 8.0 R5

7450 ESS 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.	◆	◆	◆	◆	◆	◆	◆	◆
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	—	—	—	—
IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.	◆	◆	◆	◆	—	—	—	—
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.	◆	◆	◆	◆	—	—	—	—
BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/7450 ESS-12.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	—	—	—	—
G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.	◆	◆	◆	◆	—	—	—	—
NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
Routed VPLS. 5620 SAM does not support Routed VPLS.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.	◆	◆	◆	◆	—	—	—	—
IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.	◆	◆	◆	◆	—	—	—	—
AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.	◆	◆	◆	◆	—	—	—	—
Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).	◆	◆	—	—	—	—	—	—
LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.	◆	◆	—	—	—	—	—	—
L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.	◆	◆	—	—	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—

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7450 ESS 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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Table 17-7 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 8.0 R4.

Table 17-7 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 8.0 R4

7450 ESS 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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).	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	—	—	—	—
OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.	◆	◆	◆	◆	—	—	—	—
BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/7450 ESS-12.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.	◆	◆	◆	◆	—	—	—	—
NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
Routed VPLS. 5620 SAM does not support Routed VPLS.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.	◆	◆	◆	◆	—	—	—	—
IPipe Divert to AA . 5620 SAM does not support IPipe divert to Application Assurance.	◆	◆	◆	◆	—	—	—	—
AA-ISA Large Session Congestion Mitigation . 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.	◆	◆	◆	◆	—	—	—	—
Enable ESMC on WAN Ports . 5620 SAM does not support enabling ESMC for WAN ports.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time . 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server . 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key . 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration . 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only . 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values . 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error . 5620 SAM does not support fail-on-error for IOM Cards. [587672]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization . 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE . 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).	◆	◆	—	—	—	—	—	—
LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.	◆	◆	—	—	—	—	—	—
L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.	◆	◆	—	—	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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Table 17-8 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 8.0 R3.

Table 17-8 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 8.0 R3

7450 ESS 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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Table 17-9 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 8.0 R1 to R2.

Table 17-9 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 8.0 R1 to R2

7450 ESS 8.0 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 8.0 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 8.0 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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17.3 7450 ESS 7.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 7.0.

Table 17-10 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 7.0 R19 to R20.

Table 17-10 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 7.0 R19 to R20

7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929]	◆	◆	◆	◆	◆	◆	◆	◆
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 17-11 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 7.0 R17 to R18.

Table 17-11 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 7.0 R17 to R18

7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 17-12 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 7.0 R14 to R16.

Table 17-12 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 7.0 R14 to R16

7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 17-13 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 7.0 R13.

Table 17-13 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 7.0 R13

7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—

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7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 17-14 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 7.0 R12.

Table 17-14 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 7.0 R12

7450 ESS 7.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	—	—	—	—
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 17-15 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 7.0 R10 to R11.

Table 17-15 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 7.0 R10 to R11

7450 ESS 7.0 R10 to R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R10 to R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R10 to R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R10 to R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 17-16 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 7.0 R8 to R9.

Table 17-16 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 7.0 R8 to R9

7450 ESS 7.0 R8 to R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R8 to R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R8 to R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R8 to R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 17-17 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 7.0 R7.

Table 17-17 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 7.0 R7

7450 ESS 7.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 17-18 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 7.0 R6.

Table 17-18 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 7.0 R6

7450 ESS 7.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 17-19 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 7.0 R5.

Table 17-19 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 7.0 R5

7450 ESS 7.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 7.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	—	—	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 17-20 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 7.0 R4.

Table 17-20 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 7.0 R4

7450 ESS 7.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 17-21 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 7.0 R3.

Table 17-21 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 7.0 R3

7450 ESS 7.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 17-22 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 7.0 R1 to R2.

Table 17-22 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 7.0 R1 to R2

7450 ESS 7.0 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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17.4 7450 ESS 6.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1.

Table 17-23 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R20.

Table 17-23 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R20

7450 ESS 6.1 R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [613097]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM hi-bwmcst-src default-paths-only parameter. 5620 SAM does not support hi-bwmcst-src default-paths-only parameter. [613041]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—

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Table 17-24 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R18 to R19.

Table 17-24 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R18 to R19

7450 ESS 6.1 R18 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R18 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R18 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 6.1 R18 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	—	—	—	—	—	—

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Table 17-25 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R17.

Table 17-25 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R17

7450 ESS 6.1 R17 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R17 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R17 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—

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Table 17-26 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R15 to R16.

Table 17-26 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R15 to R16

7450 ESS 6.1 R15 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R15 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R15 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—

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Table 17-27 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R14.

Table 17-27 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R14

7450 ESS 6.1 R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51...900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—

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Table 17-28 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R13.

Table 17-28 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R13

7450 ESS 6.1 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 17-29 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R12.

Table 17-29 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R12

7450 ESS 6.1 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 17-30 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R11.

Table 17-30 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R11

7450 ESS 6.1 R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 17-31 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R9 to R10.

Table 17-31 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R9 to R10

7450 ESS 6.1 R9 to R10 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R9 to R10 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 17-32 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R7 to R8.

Table 17-32 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R7 to R8

7450 ESS 6.1 R7 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R7 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 17-33 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R6.

Table 17-33 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R6

7450 ESS 6.1 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 17-34 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R5.

Table 17-34 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R5

7450 ESS 6.1 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 17-35 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R4.

Table 17-35 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R4

7450 ESS 6.1 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 17-36 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R3.

Table 17-36 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R3

7450 ESS 6.1 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 17-37 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.1 R1 to R2.

Table 17-37 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.1 R1 to R2

7450 ESS 6.1 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

17.5 7450 ESS 6.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0.

Table 17-38 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R18 to R19.

Table 17-38 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R18 to R19

7450 ESS 6.0 R18 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R18 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—

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Table 17-39 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R17.

Table 17-39 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R17

7450 ESS 6.0 R17 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R17 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 17-40 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R16.

Table 17-40 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R16

7450 ESS 6.0 R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	—	—	—	—	—	—

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Table 17-41 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R15.

Table 17-41 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R15

7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 17-42 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R13 to R14.

Table 17-42 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R13 to R14

7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 17-43 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R12.

Table 17-43 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R12

7450 ESS 6.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 17-44 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R11.

Table 17-44 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R11

7450 ESS 6.0 R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 17-45 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R10.

Table 17-45 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R10

7450 ESS 6.0 R10 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R10 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 17-46 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R9.

Table 17-46 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R9

7450 ESS 6.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 17-47 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R7 to R8.

Table 17-47 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R7 to R8

7450 ESS 6.0 R7 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R7 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 17-48 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R5 to R6.

Table 17-48 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R5 to R6

7450 ESS 6.0 R5 to R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R5 to R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 17-49 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R4.

Table 17-49 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R4

7450 ESS 6.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 17-50 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R3.

Table 17-50 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R3

7450 ESS 6.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 17-51 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R2.

Table 17-51 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R2

7450 ESS 6.0 R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 17-52 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7450 ESS, Release 6.0 R1.

Table 17-52 Compatibility limitations between 5620 SAM 8.0 and 7450 ESS 6.0 R1

7450 ESS 6.0 R1 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

18 — 5620 SAM 8.0 compatibility with 7710 SR

18.1 Release compatibility 18-2

18.2 7710 SR 8.0 18-3

18.3 7710 SR 7.0 18-52

18.4 7710 SR 6.1 18-94

18.5 7710 SR 6.0 18-125

18.1 Release compatibility

Table 18-1 lists the release compatibility between the 5620 SAM, Release 8.0, and the 7710 SR. Any compatibility limitations are described in sections 18.2, 18.3, 18.4, and 18.5.

Table 18-1 5620 SAM 8.0 compatibility with 7710 SR

7710 SR release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
9.0	NC	NC	NC	NC	NC	NC	NC	NC
8.0 R10 to R12	See Table 18-2.							
8.0 R9	See Table 18-3.							
8.0 R7	See Table 18-4.							
8.0 R6	See Table 18-5.							
8.0 R5	See Table 18-6.							
8.0 R4	See Table 18-7.							
8.0 R3	See Table 18-8.							
8.0 R1 to R2	See Table 18-9.							
7.0 R19 to R20	See Table 18-10.							
7.0 R17 to R18	See Table 18-11.							
7.0 R14 to R16	See Table 18-12.							
7.0 R13	See Table 18-13.							
7.0 R12	See Table 18-14.							
7.0 R10 to R11	See Table 18-15.							
7.0 R8 to R9	See Table 18-16.							
7.0 R7	See Table 18-17.							
7.0 R6	See Table 18-18.							
7.0 R5	See Table 18-19.							
7.0 R4	See Table 18-20.							
7.0 R3	See Table 18-21.							
7.0 R1 to R2	See Table 18-22.							
6.1 R20	See Table 18-23.							
6.1 R17 to R19	See Table 18-24.							
6.1 R15 to R16	See Table 18-25.							
6.1 R14	See Table 18-26.							
6.1 R13	See Table 18-27.							
6.1 R12	See Table 18-28.							
6.1 R11	See Table 18-29.							

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7710 SR release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
6.1 R10	See Table 18-30.							
6.1 R9	See Table 18-31.							
6.1 R7 to R8	See Table 18-32.							
6.1 R6	See Table 18-33.							
6.1 R5	See Table 18-34.							
6.1 R4	See Table 18-35.							
6.1 R3	See Table 18-36.							
6.1 R1 to R2	See Table 18-37.							
6.0 R18 to R19	See Table 18-38.							
6.0 R17	See Table 18-39.							
6.0 R16	See Table 18-40.							
6.0 R15	See Table 18-41.							
6.0 R14	See Table 18-42.							
6.0 R13	See Table 18-43.							
6.0 R12	See Table 18-44.							
6.0 R11	See Table 18-45.							
6.0 R10	See Table 18-46.							
6.0 R9	See Table 18-47.							
6.0 R7 to R8	See Table 18-48.							
6.0 R6	See Table 18-49.							
6.0 R5	See Table 18-50.							
6.0 R4	See Table 18-51.							
6.0 R3	See Table 18-52.							
6.0 R2	See Table 18-53.							
6.0 R1	See Table 18-54.							
5.0 and below	NC	NC	NC	NC	NC	NC	NC	NC

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18.2 7710 SR 8.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 8.0.

Table 18-2 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 8.0 R10 to R12.

Table 18-2 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 8.0 R10 to R12

7710 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PPP LCP Protocol Reject. 5620 SAM does not support provisioning PPP policy to “reject-disabled-ncp” if ipv6 was not configured”. [610833]	◆	◆	◆	◆	◆	◆	◆	◆
Credit Control IPv6 Filter. 5620 SAM does not support new range of icmp-code and icmp-type. [610781]	◆	◆	◆	◆	◆	◆	◆	◆
CBS Pool Alarm Thresholds. 5620 SAM does not support provisioning or monitoring of pool alarm thresholds for CBS. [610784]	◆	◆	◆	◆	◆	◆	◆	◆
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]	◆	◆	◆	◆	◆	◆	◆	◆
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054]	◆	◆	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059]	◆	◆	◆	◆	◆	◆	◆	◆
Configurable Filter Lock for LI. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆	◆	◆
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
VPLS L2 Access Interface Ring-Node Support. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]	◆	◆	◆	◆	◆	◆	—	—
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
SC-APS Support for MLPPP on Network Ports. 5620 SAM does not support MLPPP on Network Ports for SC-APS.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R10 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—

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Table 18-3 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 8.0 R9.

Table 18-3 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 8.0 R9

7710 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]	◆	◆	◆	◆	◆	◆	◆	◆
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054]	◆	◆	◆	◆	◆	◆	◆	◆
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messages for VPRN Services. [607059]	◆	◆	◆	◆	◆	◆	◆	◆
Configurable Filter Lock for LI. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆	◆	◆
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
VPLS L2 Access Interface Ring-Node Support. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]	◆	◆	◆	◆	◆	◆	—	—
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
SC-APS Support for MLPPP on Network Ports. 5620 SAM does not support MLPPP on Network Ports for SC-APS.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—

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Note — The 7710 SR, Release 8.0 R8, was never released to the field.

Table 18-4 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 8.0 R7.

Table 18-4 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 8.0 R7

7710 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Confederation/Confederation Member with the same AS number. 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]	◆	◆	◆	◆	◆	◆	◆	◆
Configurable Filter Lock for LI. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆	◆	◆
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
VPLS L2 Access Interface Ring-Node Support. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]	◆	◆	◆	◆	◆	◆	—	—
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
SC-APS Support for MLPPP on Network Ports. 5620 SAM does not support MLPPP on Network Ports for SC-APS.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—

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Table 18-5 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 8.0 R6.

Table 18-5 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 8.0 R6

7710 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]	◆	◆	◆	◆	◆	◆	◆	◆
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
VPLS L2 Access Interface Ring-Node Support. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]	◆	◆	◆	◆	◆	◆	—	—
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
SC-APS Support for MLPPP on Network Ports. 5620 SAM does not support MLPPP on Network Ports for SC-APS.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—

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7710 SR 8.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—
(PTS 598309) Router Reboot Caused By Service Endpoint Creation. Creation of a service endpoint using 5620 SAM will result in a router reboot. A fix for this issue will be available as of 5620 SAM 8.0 R6 or 7750/7450/7710 Release 8.0 R7. [598309]	◆	◆	◆	◆	—	—	—	—

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Table 18-6 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 8.0 R5.

Table 18-6 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 8.0 R5

7710 SR 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	◆	◆	◆	◆
GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]	◆	◆	◆	◆	◆	◆	◆	◆
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.	◆	◆	◆	◆	—	—	—	—
SC-APS Support for MLPPP on Network Ports. 5620 SAM does not support MLPPP on Network Ports for SC-APS.	◆	◆	◆	◆	—	—	—	—
Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.	◆	◆	◆	◆	—	—	—	—
IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.	◆	◆	◆	◆	—	—	—	—
QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—

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Table 18-7 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 8.0 R4.

Table 18-7 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 8.0 R4

7710 SR 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	—	—	—	—
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—
(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).	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-8 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 8.0 R3.

Table 18-8 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 8.0 R3

7710 SR 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]	◆	◆	◆	◆	◆	◆	◆	◆
VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]	◆	◆	◆	◆	◆	◆	◆	◆
Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]	◆	◆	◆	◆	◆	◆	◆	◆
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.	◆	◆	◆	◆	—	—	—	—
Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).	◆	◆	◆	◆	—	—	—	—
IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.	◆	◆	◆	◆	—	—	—	—
ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.	◆	◆	◆	◆	—	—	—	—
ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.	◆	◆	◆	◆	—	—	—	—
Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.	◆	◆	◆	◆	—	—	—	—
QoS Burst Management. 5620 SAM does not support QoS Burst Management.	◆	◆	◆	◆	—	—	—	—
Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.	◆	◆	◆	◆	—	—	—	—
LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.	◆	◆	◆	◆	—	—	—	—
PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).	◆	◆	◆	◆	—	—	—	—
LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.	◆	◆	◆	◆	—	—	—	—
SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.	◆	◆	◆	◆	—	—	—	—
HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.	◆	◆	◆	◆	—	—	—	—
CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.	◆	◆	◆	◆	—	—	—	—
TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.	◆	◆	◆	◆	—	—	—	—
LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.	◆	◆	◆	◆	—	—	—	—
BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.	◆	◆	◆	◆	—	—	—	—
IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—

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7710 SR 8.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—
LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.	◆	◆	—	—	—	—	—	—
LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.	◆	◆	—	—	—	—	—	—
SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.	◆	◆	—	—	—	—	—	—

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Table 18-9 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 8.0 R1 to R2.

Table 18-9 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 8.0 R1 to R2

7710 SR 8.0 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 8.0 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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18.3 7710 SR 7.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 7.0.

Table 18-10 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 7.0 R19 to R20.

Table 18-10 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 7.0 R19 to R20

7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929]	◆	◆	◆	◆	◆	◆	◆	◆
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—

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7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 18-11 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 7.0 R17 to R18.

Table 18-11 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 7.0 R17 to R18

7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—

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7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 18-12 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 7.0 R14 to R16.

Table 18-12 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 7.0 R14 to R16

7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—

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7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—

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7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 18-13 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 7.0 R13.

Table 18-13 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 7.0 R13

7710 SR 7.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—

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7710 SR 7.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 18-14 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 7.0 R12.

Table 18-14 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 7.0 R12

7710 SR 7.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 18-15 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 7.0 R10 to R11.

Table 18-15 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 7.0 R10 to R11

7710 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—

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7710 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 18-16 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 7.0 R8 to R9.

Table 18-16 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 7.0 R8 to R9

7710 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 18-17 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 7.0 R7.

Table 18-17 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 7.0 R7

7710 SR 7.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—

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7710 SR 7.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—

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7710 SR 7.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-18 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 7.0 R6.

Table 18-18 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 7.0 R6

7710 SR 7.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—	—	—

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7710 SR 7.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 18-19 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 7.0 R5.

Table 18-19 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 7.0 R5

7710 SR 7.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	—	—	—	—	—	—

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Table 18-20 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 7.0 R4.

Table 18-20 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 7.0 R4

7710 SR 7.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-21 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 7.0 R3.

Table 18-21 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 7.0 R3

7710 SR 7.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	—	—	—	—
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-22 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 7.0 R1 to R2.

Table 18-22 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 7.0 R1 to R2

7710 SR 7.0 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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18.4 7710 SR 6.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1.

Table 18-23 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R20.

Table 18-23 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R20

7710 SR 6.1 R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [613097]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM hi-bwmcst-src default-paths-only parameter. 5620 SAM does not support hi-bwmcst-src default-paths-only parameter. [613041]	◆	◆	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R20 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 18-24 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R17 to R19.

Table 18-24 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R17 to R19

7710 SR 6.1 R17 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R17 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R17 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 18-25 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R15 to R16.

Table 18-25 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R15 to R16

7710 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	—	—	—	—
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]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 18-26 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R14.

Table 18-26 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R14

7710 SR 6.1 R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—	—	—
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 18-27 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R13.

Table 18-27 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R13

7710 SR 6.1 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—

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7710 SR 6.1 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 18-28 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R12.

Table 18-28 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R12

7710 SR 6.1 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	—	—	—	—
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 18-29 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R11.

Table 18-29 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R11

7710 SR 6.1 R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	—	—	—	—
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 18-30 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R10.

Table 18-30 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R10

7710 SR 6.1 R10 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R10 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-31 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R9.

Table 18-31 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R9

7710 SR 6.1 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-32 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R7 to R8.

Table 18-32 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R7 to R8

7710 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-33 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R6.

Table 18-33 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R6

7710 SR 6.1 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-34 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R5.

Table 18-34 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R5

7710 SR 6.1 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-35 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R4.

Table 18-35 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R4

7710 SR 6.1 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-36 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R3.

Table 18-36 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R3

7710 SR 6.1 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-37 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.1 R1 to R2.

Table 18-37 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.1 R1 to R2

7710 SR 6.1 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R1 to R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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18.5 7710 SR 6.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0.

Table 18-38 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R18 to R19.

Table 18-38 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R18 to R19

7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 18-39 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R17.

Table 18-39 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R17

7710 SR 6.0 R17 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R17 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	—	—	—	—
(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.	◆	◆	◆	◆	—	—	—	—

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7710 SR 6.0 R17 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 18-40 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R16.

Table 18-40 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R16

7710 SR 6.0 R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R16 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 18-41 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R15.

Table 18-41 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R15

7710 SR 6.0 R15 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R15 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R15 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	—	—	—	—
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	—	—	—	—

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Table 18-42 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R14.

Table 18-42 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R14

7710 SR 6.0 R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R14 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-43 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R13.

Table 18-43 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R13

7710 SR 6.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R13 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-44 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R12.

Table 18-44 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R12

7710 SR 6.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-45 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R11.

Table 18-45 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R11

7710 SR 6.0 R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R11 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-46 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R10.

Table 18-46 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R10

7710 SR 6.0 R10 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R10 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-47 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R9.

Table 18-47 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R9

7710 SR 6.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R9 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-48 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R7 to R8.

Table 18-48 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R7 to R8

7710 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-49 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R6.

Table 18-49 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R6

7710 SR 6.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-49 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R5.

Table 18-50 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R5

7710 SR 6.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-51 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R4.

Table 18-51 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R4

7710 SR 6.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 18-52 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R3.

Table 18-52 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R3

7710 SR 6.0 R3 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 18-53 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R2.

Table 18-53 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R2

7710 SR 6.0 R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆

Table 18-54 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7710 SR, Release 6.0 R1.

Table 18-54 Compatibility limitations between 5620 SAM 8.0 and 7710 SR 6.0 R1

7710 SR 6.0 R1 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

19 – 5620 SAM 8.0 compatibility with 7705 SAR

19.1 Release compatibility 19-2

19.2 7705 SAR 3.0 19-2

19.3 7705 SAR 2.1 19-5

19.1 Release compatibility

Table 19-1 lists the release compatibility between the 5620 SAM, Release 8.0, and the 7705 SAR. Any compatibility limitations are described in sections 19.2 and 19.3.

Table 19-1 5620 SAM 8.0 compatibility with 7705 SAR

7705 SAR release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
4.0	NC	NC	NC	NC	NC	NC	NC	NC
3.0 R3 to R6	See Table 19-2.							
3.0 R2	See Table 19-3.							
3.0 R1	See Table 19-4.							
2.1 R3 to R4	See Table 19-5.							
2.1 R1 to R2	✓	✓	✓	✓	✓	✓	✓	✓
2.0 R3 to R5	✓	✓	✓	✓	✓	✓	✓	✓
2.0 R1 to R2	✓	✓	✓	✓	✓	✓	✓	✓
1.1 R2 to R4	✓	✓	✓	✓	✓	✓	✓	✓
1.1 R1	✓	✓	✓	✓	✓	✓	✓	✓
1.0 R6 to R7	✓	✓	✓	✓	✓	✓	✓	✓
1.0 R3 to R5	✓	✓	✓	✓	✓	✓	✓	✓
1.0 R1 to R2	✓	✓	✓	✓	✓	✓	✓	✓

19.2 7705 SAR 3.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7705 SAR, Release 3.0.

Table 19-2 describes the compatibility limitations between the 5620 SAM 8.0 supports the 7705 SAR 3.0 R3 to R6.

Table 19-2 Compatibility limitations between 5620 SAM 8.0 and 7705 SAR 3.0 R3 to R6

7705 SAR 3.0 R3 to R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Ping and Trace Results. 5620SAM does not support updating the OAM ping and trace results.	—	—	—	—	◆	◆	◆	◆

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7705 SAR 3.0 R3 to R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
X21 Port Type. 5620 SAM does not support X21 port type.	◆	◆	◆	◆	—	—	—	—
RS232 Channel Enhancements. 5620 SAM does not support the RS232 channel enhancements.	◆	◆	◆	◆	—	—	—	—
Auxiliary Alarm Card. 5620 SAM does not support the Auxiliary Alarm Card.	◆	◆	◆	◆	—	—	—	—
Timing Reference Quality Level. 5620 SAM does not support Timing Reference Quality Levels.	◆	◆	◆	◆	—	—	—	—
Y1731 Dual-Ended Loss Test. 5620 SAM does not support the Y1731 Dual-Ended Loss Test.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	—	—	—	—	—	—
APS Support for 4 Port OC3/STM1 Daughtercard. 5620 SAM does not support APS for the 4 port OC3/STM1 Daughtercard.	◆	◆	—	—	—	—	—	—
6 Port E&M Daughtercard. 5620 SAM does not support the 6 port E&M Daughtercard.	◆	◆	—	—	—	—	—	—
IES Services. 5620 SAM does not support IES services.	◆	◆	—	—	—	—	—	—
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.	◆	◆	—	—	—	—	—	—
OneToOne LSP Fast Reroute. 5620 SAM does not support the OneToOne type of LSP fast reroute.	◆	◆	—	—	—	—	—	—
Y1731 MEP LBR Performance Statistics. 5620 SAM does not support Y1731 MEP LBR Performance Statistics.	◆	◆	—	—	—	—	—	—
Network Port Control Packet Performance Statistics. 5620 SAM does not support Network Port Control Packet Performance Statistics.	◆	◆	—	—	—	—	—	—

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Table 19-3 describes the compatibility limitations between the 5620 SAM 8.0 supports the 7705 SAR 3.0 R2.

Table 19-3 Compatibility limitations between 5620 SAM 8.0 and 7705 SAR 3.0 R2

7705 SAR 3.0 R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.	◆	◆	◆	◆	◆	◆	◆	◆
Auxiliary Alarm Card. 5620 SAM does not support the Auxiliary Alarm Card.	◆	◆	◆	◆	◆	◆	◆	◆
Timing Reference Quality Level. 5620 SAM does not support Timing Reference Quality Levels.	◆	◆	◆	◆	—	—	—	—
Y1731 Dual-Ended Loss Test. 5620 SAM does not support the Y1731 Dual-Ended Loss Test.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	—	—	—	—	—	—
APS Support for 4 Port OC3/STM1 Daughtercard. 5620 SAM does not support APS for the 4 port OC3/STM1 Daughtercard.	◆	◆	—	—	—	—	—	—
6 Port E&M Daughtercard. 5620 SAM does not support the 6 port E&M Daughtercard.	◆	◆	—	—	—	—	—	—
IES Services. 5620 SAM does not support IES services.	◆	◆	—	—	—	—	—	—
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.	◆	◆	—	—	—	—	—	—
OneToOne LSP Fast Reroute. 5620 SAM does not support the OneToOne type of LSP fast reroute.	◆	◆	—	—	—	—	—	—
Y1731 MEP LBR Performance Statistics. 5620 SAM does not support Y1731 MEP LBR Performance Statistics.	◆	◆	—	—	—	—	—	—
Network Port Control Packet Performance Statistics. 5620 SAM does not support Network Port Control Packet Performance Statistics.	◆	◆	—	—	—	—	—	—

Table 19-4 describes the compatibility limitations between the 5620 SAM 8.0 supports the 7705 SAR 3.0 R1.

Table 19-4 Compatibility limitations between 5620 SAM 8.0 and 7705 SAR 3.0 R1

7705 SAR 3.0 R1 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.	◆	◆	◆	◆	◆	◆	◆	◆
Timing Reference Quality Level. 5620 SAM does not support Timing Reference Quality Levels.	◆	◆	◆	◆	—	—	—	—
Y1731 Dual-Ended Loss Test. 5620 SAM does not support the Y1731 Dual-Ended Loss Test.	◆	◆	◆	◆	◆	◆	◆	◆
IES Services. 5620 SAM does not support IES services.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	—	—	—	—	—	—
OneToOne LSP Fast Reroute. 5620 SAM does not support the OneToOne type of LSP fast reroute.	◆	◆	—	—	—	—	—	—
Y1731 MEP LBR Performance Statistics. 5620 SAM does not support Y1731 MEP LBR Performance Statistics.	◆	◆	—	—	—	—	—	—
Network Port Control Packet Performance Statistics. 5620 SAM does not support Network Port Control Packet Performance Statistics.	◆	◆	—	—	—	—	—	—

19.3 7705 SAR 2.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7705 SAR, Release 2.1.

Table 19-5 describes the compatibility limitations between the 5620 SAM, Release 8.0, supports the 7705 SAR 2.1 R3 to R4.

Table 19-5 Compatibility limitations between 5620 SAM 8.0 and 7705 SAR 2.1 R3 to R4

7705 SAR 2.1 R3 to R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.	◆	◆	◆	◆	◆	◆	◆	◆

20 – 5620 SAM 8.0 compatibility with 7210 SAS

20.1 Release compatibility 20-2

20.2 7210 SAS 3.0 20-3

20.3 7210 SAS 2.0 20-6

20.4 7210 SAS 1.1 20-9

20.1 Release compatibility

Table 20-1 lists the release compatibility between the 5620 SAM, Release 8.0, and the 7210 SAS. Any compatibility limitations are described in sections 20.2, 20.3, and 20.4.

Table 20-1 5620 SAM 8.0 compatibility with 7210 SAS

7210 SAS release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
7210 SAS-D 6F 4T 3.0 R4 to R7	NC	NC	NC	NC	NC	NC	NC	NC
7210 SAS-D 6F 4T ETR 3.0 R7	NC	NC	NC	NC	NC	NC	NC	NC
7210 SAS-E 3.0 R1 to R7	NC	NC	NC	NC	NC	NC	✓	✓
7210 SAS-M 3.0 R2 to R7	NC	NC	NC	NC	NC	NC	See Table 20-2.	
7210 SAS-M 3.0 R1	NC	NC	NC	NC	NC	NC	See Table 20-3.	
7210 SAS-M 24F 2XFP 3.0 R2 to R7	NC	NC	NC	NC	NC	NC	See Table 20-4.	
7210 SAS-M 24F 2XFP 3.0 R1	NC	NC	NC	NC	NC	NC	See Table 20-5.	
7210 SAS-M 24F 2XFP ETR 3.0 R3 to R7	NC	NC	NC	NC	NC	NC	See Table 20-6.	
7210 SAS-M 24F 2XFP ETR 3.0 R2	NC	NC	NC	NC	NC	NC	See Table 20-7.	
7210 SAS-M 24F 2XFP ETR 3.0 R1	NC	NC	NC	NC	NC	NC	See Table 20-8.	
7210 SAS-X 3.0 R5 to R7	NC	NC	NC	NC	NC	NC	See Table 20-9.	
7210 SAS-X 3.0 R1 to R4	NC	NC	NC	NC	NC	NC	See Table 20-10.	
7210 SAS-E 2.0 R5 to R8	NC	NC	✓	✓	✓	✓	✓	✓
7210 SAS-M 2.0 R5 to R8	NC	NC	See Table 20-11.		✓	✓	✓	✓
7210 SAS-M 24F 2XFP 2.0 R5 to R8	NC	NC	See Table 20-12.		✓	✓	✓	✓
7210 SAS-M 24F 2XFP ETR 2.0 R8	NC	NC	See Table 20-13.		✓	✓	✓	✓
7210 SAS-M 24F 2XFP ETR 2.0 R7	NC	NC	See Table 20-14.					
7210 SAS-M 24F 2XFP ETR 2.0 R5 to R6	NC	NC	See Table 20-15.		✓	✓	✓	✓
7210 SAS-X 2.0 R6 to R8	NC	NC	NC	NC	See Table 20-16.			
7210 SAS-X 2.0 R5	NC	NC	NC	NC	See Table 20-17.			
7210 SAS-E / 7210 SAS-M 2.0 R2 to R4	NC	NC	✓	✓	✓	✓	✓	✓
7210 SAS-M 24F 2XFP 2.0 R2 to R4	NC	NC	✓	✓	✓	✓	✓	✓

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7210 SAS release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
7210 SAS-M 24F 2XFP ETR 2.0 R2 to R4	NC	NC	✓	✓	✓	✓	✓	✓
7210 SAS-E / 7210 SAS-M 2.0 R1	NC	NC	✓	✓	✓	✓	✓	✓
7210 SAS-M 24F 2XFP 2.0 R1	NC	NC	✓	✓	✓	✓	✓	✓
7210 SAS-M 24F 2XFP ETR 2.0 R1	NC	NC	✓	✓	✓	✓	✓	✓
7210 SAS-E 1.1 R7 to R12	See Table 20-18.		✓	✓	✓	✓	✓	✓
7210 SAS-E 1.1 R4 to R6	✓	✓	✓	✓	✓	✓	✓	✓
7210 SAS-M 1.1 R4 to R12	✓	✓	✓	✓	✓	✓	✓	✓
7210 SAS-M 24F 2XFP 1.1 R6 to R12	✓	✓	✓	✓	✓	✓	✓	✓
7210 SAS-M 24F 2XFP ETR 1.1 R8 to R12	NC	NC	✓	✓	✓	✓	✓	✓
7210 SAS-E 1.1 R3	✓	✓	✓	✓	✓	✓	✓	✓
7210 SAS-M 1.1 R3	✓	✓	✓	✓	✓	✓	✓	✓
7210 SAS-E 1.0 R5 to R6	✓	✓	✓	✓	✓	✓	✓	✓
7210 SAS-E 1.0 R4	✓	✓	✓	✓	✓	✓	✓	✓
7210 SAS-E 1.0 R3	✓	✓	✓	✓	✓	✓	✓	✓

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20.2 7210 SAS 3.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS, Release 3.0.

Table 20-2 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-M, Release 3.0 R2 to R7.

Table 20-2 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-M 3.0 R2 to R7

7210 SAS-M 3.0 R2 to R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 601407) L2uplink Support. 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.	NC	NC	NC	NC	NC	NC	◆	◆

Table 20-3 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-M, Release 3.0 R1.

Table 20-3 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-M 3.0 R1

7210 SAS-M 3.0 R1 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 601407) L2uplink Support. 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.	NC	NC	NC	NC	NC	NC	◆	◆

Table 20-4 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-M 24F 2XFP 3.0 R2 to R7.

Table 20-4 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-M 24F 2XFP 3.0 R2 to R7

7210 SAS-M 24F 2XFP 3.0 R2 to R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 601407) L2uplink Support. 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.	NC	NC	NC	NC	NC	NC	◆	◆

Table 20-5 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-M 24F 2XFP 3.0 R1.

Table 20-5 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-M 24F 2XFP 3.0 R1

7210 SAS-M 24F 2XFP 3.0 R1 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 601407) L2uplink Support. 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.	NC	NC	NC	NC	NC	NC	◆	◆

Table 20-6 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-M 24F 2XFP ETR 3.0 R3 to R7.

Table 20-6 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-M 24F 2XFP ETR 3.0 R3 to R7

7210 SAS-M 24F 2XFP ETR 3.0 R3 to R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 601407) L2uplink Support. 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.	NC	NC	NC	NC	NC	NC	◆	◆

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7210 SAS-M 24F 2XFP ETR 3.0 R3 to R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 606710) H-Metering block Access Interface. 5620 SAM does not support the modification of H-Metering Related params from CLI as it blocks Access Interface modification from SAM.	NC	NC	NC	NC	NC	NC	◆	◆

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Table 20-7 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-M 24F 2XFP ETR 3.0 R2.

Table 20-7 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-M 24F 2XFP ETR 3.0 R2

7210 SAS-M 24F 2XFP ETR 3.0 R2 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 601407) L2uplink Support. 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.	NC	NC	NC	NC	NC	NC	◆	◆
(PTS 605445) Incorrect Discovery. 7210 SAS-M 24F 2XFP ETR 3.0 R2 will be incorrectly discovered as 7210 SAS-M 24F 2XFP.	NC	NC	NC	NC	NC	NC	◆	◆

Table 20-8 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-M 24F 2XFP ETR 3.0 R1.

Table 20-8 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-M 24F 2XFP ETR 3.0 R1

7210 SAS-M 24F 2XFP ETR 3.0 R1 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 601407) L2uplink Support. 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.	NC	NC	NC	NC	NC	NC	◆	◆

Table 20-9 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-X 3.0 R5 to R7.

Table 20-9 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-X 3.0 R5 to R7

7210 SAS-X 3.0 R5 to R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 612225) 5620 SAM does not support spoke SDP creation on VPLS Service.	NC	NC	NC	NC	NC	NC	◆	◆
(PTS 606710) H-Metering block Access Interface. 5620 SAM does not support the modification of H-Metering Related params from CLI as it blocks Access Interface modification from SAM.	NC	NC	NC	NC	NC	NC	◆	◆
(PTS 608905) Backup/Restore. 5620 SAM does not support Backup/Restore with “CLI Config Save details” enabled in the Backup/Restore policy.	NC	NC	NC	NC	NC	NC	◆	◆
(PTS 598458) Out-of-band Management. 5620 SAM does not support Out-of-Band management feature.	NC	NC	NC	NC	NC	NC	◆	◆

Table 20-10 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-X 3.0 R1 to R4.

Table 20-10 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-X 3.0 R1 to R4

7210 SAS-X 3.0 R1 to R4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 606710) H-Metering block Access Interface. 5620 SAM does not support the modification of H-Metering Related params from CLI as it blocks Access Interface modification from SAM.	NC	NC	NC	NC	NC	NC	◆	◆
(PTS 608905) Backup/Restore. 5620 SAM does not support Backup/Restore with “CLI Config Save details” enabled in the Backup/Restore policy.	NC	NC	NC	NC	NC	NC	◆	◆
(PTS 598458) Out-of-band Management. 5620 SAM does not support Out-of-Band management feature.	NC	NC	NC	NC	NC	NC	◆	◆

20.3 7210 SAS 2.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS, Release 2.0.

Table 20-11 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-M 2.0 R5 to R8.

Table 20-11 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-M 2.0 R5 to R8

7210 SAS-M 2.0 R5 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 598375) LDP Protocol. 5620 SAM does not support enabling LDP protocol for SAS-M. A deployment failure will result upon the deployment.	NC	NC	◆	◆	—	—	—	—

Table 20-12 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-M 24F 2XFP 2.0 R5 to R8.

Table 20-12 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-M 24F 2XFP 2.0 R5 to R8

7210 SAS-M 24F 2XFP 2.0 R5 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 598375) LDP Protocol. 5620 SAM does not support enabling LDP protocol for SAS-M. A deployment failure will result upon the deployment.	NC	NC	◆	◆	—	—	—	—

Table 20-13 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-M 24F 2XFP ETR 2.0 R8.

Table 20-13 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-M 24F 2XFP ETR 2.0 R8

7210 SAS-M 24F 2XFP ETR 2.0 R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 598375) LDP Protocol. 5620 SAM does not support enabling LDP protocol for SAS-M. A deployment failure will result upon the deployment.	NC	NC	◆	◆	—	—	—	—

Table 20-14 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-M 24F 2XFP ETR 2.0 R7.

Table 20-14 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-M 24F 2XFP ETR 2.0 R7

7210 SAS-M 24F 2XFP ETR 2.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 605445) Incorrect Discovery. 7210 SAS-M 24F 2XFP ETR 3.0 R2 will be incorrectly discovered as 7210 SAS-M 24F 2XFP.	NC	NC	◆	◆	◆	◆	◆	◆

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7210 SAS-M 24F 2XFP ETR 2.0 R7 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 598375) LDP Protocol. 5620 SAM does not support enabling LDP protocol for SAS-M. A deployment failure will result upon the deployment.	NC	NC	◆	◆	—	—	—	—

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Table 20-15 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-M 24F 2XFP ETR 2.0 R5 to R6.

Table 20-15 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-M 24F 2XFP ETR 2.0 R5 to R6

7210 SAS-M 24F 2XFP ETR 2.0 R5 to R6 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 598375) LDP Protocol. 5620 SAM does not support enabling LDP protocol for SAS-M. A deployment failure will result upon the deployment.	NC	NC	◆	◆	—	—	—	—

Table 20-16 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-X 2.0 R6 to R8.

Table 20-16 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-X 2.0 R6 to R8

7210 SAS-X 2.0 R6 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 608905) Backup/Restore. 5620 SAM does not support Backup/Restore with “CLI Config Save details” enabled in the Backup/Restore policy.	NC	NC	NC	NC	◆	◆	◆	◆
(PTS 598458) Out-of-band Management. 5620 SAM does not support Out-of-Band management feature.	NC	NC	NC	NC	◆	◆	◆	◆
(PTS 596870) Synch-E. 5620 SAM does not support Synch-E feature.	NC	NC	NC	NC	◆	◆	—	—
(PTS 595954) Combined Network Egress Policy. 5620 SAM does not support assignment of Combined Network Egress Accounting policies to ports.	NC	NC	NC	NC	◆	◆	—	—
(PTS 598689) H-Metering. 5620 SAM does not support H-Metering feature.	NC	NC	NC	NC	—	◆	—	—
(PTS 598360) SAP Creation. 5620 SAM does not support creation of SAP for all services.	NC	NC	NC	NC	◆	—	—	—

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7210 SAS-X 2.0 R6 to R8 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MVPLS/VPLS/VLL Services. 5620 SAM does not support creation of MVPLS/VPLS/VLL services, a deployment failure will result.	NC	NC	NC	NC	◆	—	—	—

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Table 20-17 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-X 2.0 R5.

Table 20-17 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-X 2.0 R5

7210 SAS-X 2.0 R5 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 598458) Out-of-band Management. 5620 SAM does not support Out-of-Band management feature.	NC	NC	NC	NC	◆	◆	◆	◆
(PTS 596870) Synch-E. 5620 SAM does not support Synch-E feature.	NC	NC	NC	NC	◆	◆	—	—
(PTS 595954) Combined Network Egress Policy. 5620 SAM does not support assignment of Combined Network Egress Accounting policies to ports.	NC	NC	NC	NC	◆	◆	—	—
(PTS 598689) H-Metering. 5620 SAM does not support H-Metering feature.	NC	NC	NC	NC	—	◆	◆	◆
(PTS 598360) SAP Creation. 5620 SAM does not support creation of SAP for all services.	NC	NC	NC	NC	◆	—	—	—
MVPLS/VPLS/VLL Services. 5620 SAM does not support creation of MVPLS/VPLS/VLL services, a deployment failure will result.	NC	NC	NC	NC	◆	—	—	—

20.4 7210 SAS 1.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS, Release 1.1.

Table 20-18 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7210 SAS-E 1.1 R7 to R12.

Table 20-18 Compatibility limitations between 5620 SAM 8.0 and 7210 SAS-E 1.1 R7 to R12

7210 SAS-E 1.1 R7 to R12 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 601397) ServiceIngressOctets Accounting Policy for SAP. 5620 SAM does not support deployment of the ServiceIngressOctets Accounting Record binding to SAP of all services. A deployment failure will result.	◆	◆	—	—	—	—	—	—

21 – 5620 SAM 8.0 compatibility with 7250 SAS

21.1 Release compatibility 21-2

21.2 7250 SAS 2.0 21-3

21.1 Release compatibility

Table 21-1 lists the release compatibility between the 5620 SAM, Release 8.0, and the 7250 SAS. Any compatibility limitations are described in section 21.2.

Table 21-1 5620 SAM 8.0 compatibility with 7250 SAS

7250 SAS release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
7250 SAS 3.0 R9 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R9 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R8 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R8 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R7 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R7 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R6 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R6 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R5 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R5 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R4.1 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R4.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R3.1 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R3.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R3 (ESA Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 3.0 R3 (ES Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R11 to R13 (ES Chassis Mode)	See Table 21-2.							
7250 SAS 2.0 R11 to R13 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R10 (ES Chassis Mode)	See Table 21-3.							

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7250 SAS release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
7250 SAS 2.0 R10 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R9 (ES Chassis Mode)	See Table 21-4.							
7250 SAS 2.0 R9 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8.1 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R7.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R7.1 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R5.2 or earlier	NC	NC	NC	NC	NC	NC	NC	NC

(2 of 2)

21.2 7250 SAS 2.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7250 SAS, Release 2.0.

Table 21-2 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7250 SAS 2.0 R11 to R13 (ES Chassis Mode).

Table 21-2 Compatibility limitations between 5620 SAM 8.0 and 7250 SAS 2.0 R11 to R13 (ES Chassis Mode)

7250 SAS 2.0 R11 to R13 (ES Chassis Mode) Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: 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 21-3 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7250 SAS 2.0 R10 (ES Chassis Mode).

Table 21-3 Compatibility limitations between 5620 SAM 8.0 and 7250 SAS 2.0 R10 (ES Chassis Mode)

7250 SAS 2.0 R10 (ES Chassis Mode) Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: 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 21-4 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7250 SAS 2.0 R9 (ES Chassis Mode).

Table 21-4 Compatibility limitations between 5620 SAM 8.0 and 7250 SAS 2.0 R9 (ES Chassis Mode)

7250 SAS 2.0 R9 (ES Chassis Mode) Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM	◆	◆	◆	◆	◆	◆	◆	◆

22 – 5620 SAM 8.0 compatibility with 7750 MG

22.1 Release compatibility 22-2

22.2 7750 MG 2.0 22-2

22.1 Release compatibility

Table 22-1 lists the release compatibility between the 5620 SAM, Release 8.0, and the 7750 MG. Any compatibility limitations are described in section 22.2.

Table 22-1 5620 SAM 8.0 compatibility with 7750 MG

7750 MG release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
3.0	NC	NC	NC	NC	NC	NC	NC	NC
2.0 R18 to R19	NC	NC	NC	NC	NC	NC	✓	✓
2.0 R16 to R17	NC	NC	NC	NC	NC	NC	See Table 22-2.	
2.0 R14 to R15	NC	NC	NC	NC	NC	NC	✓	✓
2.0 R8	NC	NC	NC	NC	✓	✓	NC	NC
2.0 R1 to R4	NC	NC	✓	✓	NC	NC	NC	NC

22.2 7750 MG 2.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 MG, Release 2.0.

Table 22-2 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 7750 MG, Release 2.0 R16 to R17.

Table 22-2 Compatibility limitations between 5620 SAM 8.0 and 7750 MG 2.0 R16 to R17

7750 MG 2.0 R16 to R17 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
KPI/KCI Accounting Policy. SAM does not support the distribution of the kpi/kci type accounting policy to a 7750 MG 2.0R16 or R17 Network Element when no location is configured on the associated file policy. The 7750 MG 2.0 R16 and R17, forces the user to set the "Location" field on the file policy to a non-default value before associating file policy to the accounting policy. Workaround: Set the Location field on the file policy before associating it to the accounting policy.	NC	NC	NC	NC	NC	NC	◆	◆

23 – 5620 SAM 8.0 compatibility with 9471 MME

23.1 Release compatibility 23-2

23.1 Release compatibility

Table 23-1 lists the release compatibility between the 5620 SAM, Release 8.0, and the 9471 MME.

Table 23-1 5620 SAM 8.0 compatibility with 9471 MME

9471 MME release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LM4.0.1 (R24.40.08)	NC	NC	NC	NC	NC	NC	NC	NC
LM3.0 (R22.30.02)	NC	NC	NC	NC	NC	NC	✓	✓
LM2.1 (R21.70.07.02)	NC	NC	✓	✓	✓	✓	✓	✓

24 – 5620 SAM 8.0 compatibility with 5780 DSC

24.1 Release compatibility 24-2

24.1 Release compatibility

Table 24-1 lists the release compatibility between the 5620 SAM, Release 8.0, and the 5780 DSC.

Table 24-1 5620 SAM 8.0 compatibility with 5780 DSC

5780 DSC release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
3.0	NC	NC	NC	NC	NC	NC	NC	NC
2.0 R1 to R2	NC	NC	✓	✓	✓	✓	✓	✓

25 – 5620 SAM 8.0 compatibility with 9412 / 9926 eNodeB

25.1 Release compatibility 25-2

25.1 Release compatibility

Table 25-1 lists the release compatibility between the 5620 SAM, Release 8.0 and the 9412 / 9926 eNodeB.

Table 25-1 5620 SAM 8.0 compatibility with 9412 / 9926 eNodeB

9412 / 9926 eNodeB release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
TLA 3.0 / TLA 3.0.2 MIB Ed.03p07, MIM 8.3.1	NC	NC	NC	NC	NC	NC	NC	NC
TLA 2.1 MIB Ed.02p06, MIM 6.4.1	NC	NC	NC	NC	NC	NC	NC	NC
LA3.0.0 / LA3.0.1 / LA 3.0.2 MIB Ed.03p06.1, MIM 7.5.1	NC	NC	NC	NC	NC	✓	✓	✓
LA 2.0.2 MIB Ed.02p05, MIM 5.3.8	NC	NC	NC	NC	✓	✓	✓	✓

26 – 5620 SAM 8.0 compatibility with Telco T5 Compact

26.1 Release compatibility 26-2

26.1 Release compatibility

Table 26-1 lists the release compatibility between the 5620 SAM, Release 8.0, and the Telco T5 Compact.

Table 26-1 5620 SAM 8.0 compatibility with Telco T5 Compact

Telco T5 Compact release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
6.5.5	✓	✓	✓	✓	✓	✓	✓	✓
6.5.2	✓	✓	✓	✓	✓	✓	✓	✓
6.3.13	✓	✓	✓	✓	✓	✓	✓	✓
6.3.12	✓	✓	✓	✓	✓	✓	✓	✓
6.3.11	NC	NC	NC	NC	NC	NC	NC	NC
6.3.2	NC	NC	NC	NC	NC	NC	NC	NC
5.10.1	NC	NC	NC	NC	NC	NC	NC	NC

27 — 5620 SAM 8.0 compatibility with OmniSwitch

- 27.1 Release compatibility 27-2**
- 27.2 OmniSwitch Series 6.6.2 27-3**
- 27.3 OmniSwitch Series 6.4.2 27-3**

27.1 Release compatibility

Table 27-1 lists the release compatibility between the 5620 SAM, Release 8.0, and the OmniSwitch. Any compatibility limitations are described in sections 27.2 and 27.3.

Table 27-1 5620 SAM 8.0 compatibility with OmniSwitch

OmniSwitch release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OmniSwitch Series 6.6.2.315 R01 (6250)	NC	NC	See Table 27-2.					
OmniSwitch Series 6.6.1.859 R01 (6250)	✓	✓	✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.4.4 R01 (6850 / 6850E / 6400 / 6855 / 6855U24X / 9700E / 9800E)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.4.3.810 R01 (6850 / 6400 / 6855(6855U24x) / 9600 / 9700 / 9800 / 9700E / 9800E)	NC	NC	NC	NC	✓	✓	✓	✓
OmniSwitch Series 6.4.2.968 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E)	See Table 27-3.		✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.3.4.621 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800)	✓	✓	✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.3.4 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800)	✓	✓	✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.3.3.305 R01 (6400)	✓	✓	✓	✓	NC	NC	NC	NC
OmniSwitch Series 6.3.3 R01 (6400)	✓	✓	✓	✓	NC	NC	NC	NC
OmniSwitch Series 6.3.2 R01 (6855)	✓	✓	✓	✓	NC	NC	NC	NC
OmniSwitch Series 6.3.1.1176 R01 (6850)	✓	✓	✓	✓	NC	NC	NC	NC
OmniSwitch Series 6.3.1.1176 R01 (9600 / 9700 / 9800)	✓	✓	✓	✓	NC	NC	NC	NC
OmniSwitch Series 6.3.1 R01 (6850)	✓	✓	✓	✓	NC	NC	NC	NC
OmniSwitch Series 6.3.1 R01 (9600 / 9700 / 9800)	✓	✓	✓	✓	NC	NC	NC	NC

27.2 OmniSwitch Series 6.6.2

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the OmniSwitch Series 6.6.2.

Table 27-2 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the OmniSwitch Series 6.6.2.315 R01 (6250).

Table 27-2 Compatibility limitations between 5620 SAM 8.0 and OmniSwitch Series 6.6.2.315 R01 (6250)

OmniSwitch Series 6.6.2.315 R01 (6250) Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SAA feature on 6250 node may not work (above 6.6.2 259) which has node MIB changes (SAA feature enhancement) which are not incorporated in SAM.	NC	NC	—	—	◆	◆	◆	◆
FPGA Upgrade. 5620 SAM does not support FPGA Upgrade for 6.6.2 nodes due to a limitation on the node.	NC	NC	◆	◆	◆	◆	◆	◆
OAM. 5620 SAM does not support OAM for 6.6.2 nodes.	NC	NC	◆	◆	—	—	—	—
(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.	NC	NC	◆	◆	—	—	—	—

27.3 OmniSwitch Series 6.4.2

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the OmniSwitch Series 6.4.2.

Table 27-3 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the OmniSwitch Series 6.4.2.968 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E).

Table 27-3 Compatibility limitations between 5620 SAM 8.0 and OmniSwitch Series 6.4.2.968 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E)

OmniSwitch Series 6.4.2.968 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E) Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
9700E and 9800E OmniSwitch Series 6.4.2. Only 9700E and 9800E OmniSwitch Series 6.4.2 are supported as per 5620 SAM Release Description.	◆	◆	—	—	—	—	—	—

28 — 5620 SAM 8.0 compatibility with 9500 MPR

28.1	Release compatibility	28-2
28.2	9500 MPR ANSI 2.2	28-2
28.3	9500 MPR ANSI 2.1	28-3
28.4	9500 MPR ANSI 2.0	28-3
28.5	9500 MPR ETSI 1.4	28-4
28.6	9500 MPR ETSI 1.3	28-4

28.1 Release compatibility

Table 28-1 lists the release compatibility between the 5620 SAM, Release 8.0, and the 9500 MPR. Any compatibility limitations are described in sections 28.2, 28.3, 28.4, 28.5, and 28.6.

Table 28-1 5620 SAM 8.0 compatibility with 9500 MPR

9500 MPR release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ANSI 3.0	NC	NC	NC	NC	NC	NC	NC	NC
ANSI 2.2.1	NC	NC	NC	NC	NC	NC	✓	✓
ANSI 2.2.0	NC	NC	See Table 28-2.		✓	✓	✓	✓
ANSI 2.1	NC	NC	See Table 28-3.		✓	✓	NC	NC
ANSI 2.0.1	See Table 28-4.				✓	✓	NC	NC
ANSI 2.0	See Table 28-5.				✓	✓	NC	NC
ANSI 1.2	NC	NC	NC	NC	✓	✓	✓	✓
ETSI 3.0	NC	NC	NC	NC	NC	NC	NC	NC
ETSI 2.1	NC	NC	NC	NC	✓	✓	✓	✓
ETSI 1.4	NC	NC	See Table 28-6.		✓	✓	✓	✓
ETSI 1.3.0 to 1.3.1	See Table 28-7.				✓	✓	✓	✓
ETSI 1.2.1 to 1.2.2	✓	✓	NC	NC	NC	NC	NC	NC
ETSI 1.2.0	NC	NC	NC	NC	NC	NC	NC	NC

28.2 9500 MPR ANSI 2.2

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 9500 MPR ANSI, Release 2.2.

Table 28-2 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 9500 MPR ANSI, Release 2.2.0.

Table 28-2 Compatibility limitations between 5620 SAM 8.0 and 9500 MPR ANSI 2.2.0

9500 MPR ANSI 2.2.0 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Service Discovery. Discovery of services will discover only one service at a time if Management IP address and System IP address are different.	NC	NC	◆	◆	—	—	—	—

28.3 9500 MPR ANSI 2.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 9500 MPR ANSI, Release 2.1.

Table 28-3 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 9500 MPR ANSI, Release 2.1.

Table 28-3 Compatibility limitations between 5620 SAM 8.0 and 9500 MPR ANSI 2.1

9500 MPR ANSI 2.1 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Service Discovery. Discovery of services will discover only one service at a time if Management IP address and System IP address are different.	NC	NC	◆	◆	—	—	NC	NC

28.4 9500 MPR ANSI 2.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 9500 MPR ANSI, Release 2.0.

Table 28-4 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 9500 MPR ANSI, Release 2.0.1.

Table 28-4 Compatibility limitations between 5620 SAM 8.0 and 9500 MPR ANSI 2.0.1

9500 MPR ANSI 2.0.1 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Service Discovery. Discovery of services will discover only one service at a time if Management IP address and System IP address are different.	◆	◆	◆	◆	—	—	NC	NC

Table 28-5 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 9500 MPR ANSI, Release 2.0.

Table 28-5 Compatibility limitations between 5620 SAM 8.0 and 9500 MPR ANSI 2.0

9500 MPR ANSI 2.0 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Service Discovery. Discovery of services will discover only one service at a time if Management IP address and System IP address are different.	◆	◆	◆	◆	—	—	NC	NC

28.5 9500 MPR ETSI 1.4

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 9500 MPR ETSI, Release 1.4.

Table 28-6 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 9500 MPR ETSI, Release 1.4.

Table 28-6 Compatibility limitations between 5620 SAM 8.0 and 9500 MPR ETSI 1.4

9500 MPR ETSI 1.4 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Service Discovery. Discovery of services will discover only one service at a time if Management IP address and System IP address are different.	NC	NC	◆	◆	—	—	—	—

28.6 9500 MPR ETSI 1.3

The tables in this section describe compatibility limitations between the 5620 SAM, Release 8.0, and the 9500 MPR ETSI, Release 1.3.

Table 28-7 describes the compatibility limitations between the 5620 SAM, Release 8.0, and the 9500 MPR ETSI, Release 1.3.0 to 1.3.1.

Table 28-7 Compatibility limitations between 5620 SAM 8.0 and 9500 MPR ETSI 1.3.0 to 1.3.1

9500 MPR ETSI 1.3.0 and 1.3.1 Compatibility Statement	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Service Discovery. Discovery of services will discover only one service at a time if Management IP address and System IP address are different.	◆	◆	◆	◆	—	—	—	—

29 – 5620 SAM 8.0 compatibility with 1830 PSS

29.1 Release compatibility 29-2

29.1 Release compatibility

Table 29-1 lists the release compatibility between the 5620 SAM, Release 8.0, and the 1830 PSS.

Table 29-1 5620 SAM 8.0 compatibility with 1830 PSS

1830 PSS release	5620 SAM 8.0							
	R1	R2	R3	R4	R5	R6	R7	R8
1830 PSS-32 3.5.1 / 3.5.2 / 3.5.3	NC	NC	NC	NC	NC	NC	NC	NC
1830 PSS-16 3.5.1 / 3.5.2 / 3.5.3	NC	NC	NC	NC	NC	NC	NC	NC
1830 PSS-1 GBEH 2.7	NC	NC	NC	NC	NC	NC	NC	NC
1830 PSS-32 2.5.0 / 2.5.1	NC	NC	NC	NC	NC	NC	✓	✓
1830 PSS-16 2.5.0 / 2.5.1	NC	NC	NC	NC	NC	NC	✓	✓
1830 PSS-1 GBEH 2.5.0	NC	NC	NC	NC	NC	NC	✓	✓
1830 PSS-1 MD4H1.7	NC	NC	NC	NC	NC	NC	NC	NC
1830 PSS-4 1.5	NC	NC	NC	NC	NC	NC	NC	NC
1830 PSS-1 MD4H1.5.0	NC	NC	NC	NC	NC	NC	✓	✓
1830 PSS-1 AHP 1.0	NC	NC	NC	NC	NC	NC	✓	✓

5620 SAM 7.0

- 30 – 5620 SAM 7.0 compatibility with 7750 SR**
- 31 – 5620 SAM 7.0 compatibility with 7450 ESS**
- 32 – 5620 SAM 7.0 compatibility with 7710 SR**
- 33 – 5620 SAM 7.0 compatibility with 7705 SAR**
- 34 – 5620 SAM 7.0 compatibility with 7210 SAS**
- 35 – 5620 SAM 7.0 compatibility with 7250 SAS**
- 36 – 5620 SAM 7.0 compatibility with Telco T5 Compact**
- 37 – 5620 SAM 7.0 compatibility with OmniSwitch**
- 38 – 5620 SAM 7.0 compatibility with 9500 MPR**

30 – 5620 SAM 7.0 compatibility with 7750 SR

30.1 Release compatibility 30-2

30.2 7750 SR 7.0 30-3

30.3 7750 SR 6.1 30-64

30.4 7750 SR 6.0 30-84

30.5 7750 SR 5.0 30-97

30.1 Release compatibility

Table 30-1 lists the release compatibility between the 5620 SAM, Release 7.0, and the 7750 SR. Any compatibility limitations are described in sections 30.2, 30.3, 30.4, and 30.5.

Table 30-1 5620 SAM 7.0 compatibility with 7750 SR

7750 SR release	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
8.0 or later	NC	NC	NC	NC	NC	NC	NC	NC
7.0 R19 to R20	See Table 30-2.							
7.0 R17 to R18	See Table 30-3.							
7.0 R14 to R16	See Table 30-4.							
7.0 R13	See Table 30-5.							
7.0 R12	See Table 30-6.							
7.0 R10 to R11	See Table 30-7.							
7.0 R8 to R9	See Table 30-8.							
7.0 R7	See Table 30-9.							
7.0 R6	See Table 30-10.							
7.0 R5	See Table 30-11.							
7.0 R4	See Table 30-12.							
7.0 R3	See Table 30-13.							
7.0 R1 to R2	See Table 30-14.							
6.1 R20	See Table 30-15.							
6.1 R18 to R19	See Table 30-16.							
6.1 R17	See Table 30-17.							
6.1 R15 to R16	See Table 30-18.							
6.1 R14	See Table 30-20.							
6.1 R13	See Table 30-21.							
6.1 R12	See Table 30-22.							
6.1 R11	See Table 30-23.							
6.1 R10	See Table 30-24.							
6.1 R9	See Table 30-25.							
6.1 R7 to R8	See Table 30-26.							
6.1 R6	See Table 30-27.							
6.1 R5	See Table 30-28.							
6.1 R4	See Table 30-29.							
6.0 R18 to R19	See Table 30-30.							

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7750 SR release	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
6.0 R17	See Table 30-31.							
6.0 R16	See Table 30-32.							
6.0 R15	See Table 30-33.							
6.0 R14	See Table 30-34.							
6.0 R13	See Table 30-35.							
6.0 R12	See Table 30-36.							
6.0 R11	See Table 30-37.							
6.0 R10	See Table 30-38.							
6.0 R9	See Table 30-39.							
6.0 R7 to R8	See Table 30-40.							
6.0 R6	See Table 30-41.							
6.0 R5	See Table 30-42.							
6.0 R4	See Table 30-43.							
6.0 R3	See Table 30-44.							
6.0 R2	See Table 30-45.							
6.0 R1	See Table 30-46.							
5.0 R23 to R25	See Table 30-47.							
5.0 R22	See Table 30-48.							
5.0 R21	See Table 30-49.							
5.0 R16 to R20	See Table 30-50.							
5.0 R15	See Table 30-51.							
5.0 R14	See Table 30-52.							
5.0 R13	See Table 30-53.							
5.0 R12	See Table 30-54.							
5.0 R11	See Table 30-55.							
5.0 R10	See Table 30-56.							
5.0 R8 to R9	See Table 30-57.							
5.0 R5 to R7	See Table 30-58.							
5.0 R4	See Table 30-59.							
5.0 R3	See Table 30-60.							
5.0 R1 to R2	See Table 30-60.							

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30.2 7750 SR 7.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 7.0.

Table 30-2 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 7.0 R19 to R20.

Table 30-2 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 7.0 R19 to R20

7750 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929]	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 603378) Deployment Failure For ISA IPSec Group Creation. Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378]	◆	◆	◆	◆	◆	◆	◆	◆
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—

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7750 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
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 to R3 will not correctly identify and manage all components requiring the router to be unmanaged.	◆	◆	◆	—	—	—	—	—
Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.	◆	◆	◆	—	—	—	—	—
WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPseclsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-3 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 7.0 R17 to R18.

Table 30-3 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 7.0 R17 to R18

7750 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 603378) Deployment Failure For ISA IPSec Group Creation. Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378]	◆	◆	◆	◆	◆	◆	◆	◆
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—

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7750 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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 to R3 will not correctly identify and manage all components requiring the router to be unmanaged.	◆	◆	◆	—	—	—	—	—
Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.	◆	◆	◆	—	—	—	—	—
WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-4 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 7.0 R14 to R16.

Table 30-4 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 7.0 R14 to R16

7750 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—

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7750 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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 to R3 will not correctly identify and manage all components requiring the router to be unmanaged.	◆	◆	◆	—	—	—	—	—
Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.	◆	◆	◆	—	—	—	—	—
WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivesaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-6 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 7.0 R13.

Table 30-5 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 7.0 R13

7750 SR 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—

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7750 SR 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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 to R3 will not correctly identify and manage all components requiring the router to be unmanaged.	◆	◆	◆	—	—	—	—	—
Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.	◆	◆	◆	—	—	—	—	—
WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-6 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 7.0 R12.

Table 30-6 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 7.0 R12

7750 SR 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—

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7750 SR 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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 to R3 will not correctly identify and manage all components requiring the router to be unmanaged.	◆	◆	◆	—	—	—	—	—
Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.	◆	◆	◆	—	—	—	—	—
WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-7 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 7.0 R10 to R11.

Table 30-7 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 7.0 R10 to R11

7750 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—

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7750 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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 to R3 will not correctly identify and manage all components requiring the router to be unmanaged.	◆	◆	◆	—	—	—	—	—
Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.	◆	◆	◆	—	—	—	—	—
WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivesaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-8 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 7.0 R8 to R9.

Table 30-8 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 7.0 R8 to R9

7750 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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 to R3 will not correctly identify and manage all components requiring the router to be unmanaged.	◆	◆	◆	—	—	—	—	—
Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.	◆	◆	◆	—	—	—	—	—
WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-9 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 7.0 R7.

Table 30-9 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 7.0 R7

7750 SR 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—

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7750 SR 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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 to R3 will not correctly identify and manage all components requiring the router to be unmanaged.	◆	◆	◆	—	—	—	—	—
Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.	◆	◆	◆	—	—	—	—	—
WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsgGrpActivesaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-10 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 7.0 R6.

Table 30-10 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 7.0 R6

7750 SR 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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 to R3 will not correctly identify and manage all components requiring the router to be unmanaged.	◆	◆	◆	—	—	—	—	—
Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.	◆	◆	◆	—	—	—	—	—
WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-11 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 7.0 R5.

Table 30-11 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 7.0 R5

7750 SR 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—

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7750 SR 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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 to R3 will not correctly identify and manage all components requiring the router to be unmanaged.	◆	◆	◆	—	—	—	—	—
Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.	◆	◆	◆	—	—	—	—	—
WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-12 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 7.0 R4.

Table 30-12 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 7.0 R4

7750 SR 7.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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 to R3 will not correctly identify and manage all components requiring the router to be unmanaged.	◆	◆	◆	—	—	—	—	—
Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.	◆	◆	◆	—	—	—	—	—
WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-13 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 7.0 R3.

Table 30-13 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 7.0 R3

7750 SR 7.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 7.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	◆	◆	◆	◆	◆
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-14 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 7.0 R1 to R2.

Table 30-14 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 7.0 R1 to R2

7750 SR 7.0 R1 to R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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7750 SR 7.0 R1 to R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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30.3 7750 SR 6.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1.

Table 30-15 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1 R20.

Table 30-15 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.1 R20

7750 SR 6.1 R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [613097]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM hi-bwmcst-src default-paths-only parameter. 5620 SAM does not support hi-bwmcst-src default-paths-only parameter. [613041]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPseclsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-16 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1 R18 to R19.

Table 30-16 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.1 R18 to R19

7750 SR 6.1 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—

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7750 SR 6.1 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsgGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-17 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1 R17.

Table 30-17 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.1 R17

7750 SR 6.1 R17 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R17 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R17 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPseclsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-18 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1 R15 to R16.

Table 30-18 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.1 R15 to R16

7750 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-19 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1 R14.

Table 30-19 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.1 R14

7750 SR 6.1 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-20 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1 R13.

Table 30-20 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.1 R13

7750 SR 6.1 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-21 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1 R12.

Table 30-21 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.1 R12

7750 SR 6.1 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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7750 SR 6.1 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-22 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1 R11.

Table 30-22 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.1 R11

7750 SR 6.1 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-23 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1 R10.

Table 30-23 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.1 R10

7750 SR 6.1 R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-24 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1 R9.

Table 30-24 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.1 R9

7750 SR 6.1 R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-25 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1 R7 to R8.

Table 30-25 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.1 R7 to R8

7750 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-26 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1 R6.

Table 30-26 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.1 R6

7750 SR 6.1 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

Table 30-27 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1 R5.

Table 30-27 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.1 R5

7750 SR 6.1 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

Table 30-28 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.1 R4.

Table 30-28 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.1 R4

7750 SR 6.1 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0.

Table 30-29 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R18 to R19.

Table 30-29 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R18 to R19

7750 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-30 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R17.

Table 30-30 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R17

7750 SR 6.0 R17 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R17 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-31 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R16.

Table 30-31 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R16

7750 SR 6.0 R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-32 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R15.

Table 30-32 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R15

7750 SR 6.0 R15 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R15 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-33 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R14.

Table 30-33 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R14

7750 SR 6.0 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-34 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R13.

Table 30-34 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R13

7750 SR 6.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

Table 30-35 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R12.

Table 30-35 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R12

7750 SR 6.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

Table 30-36 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R11.

Table 30-36 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R11

7750 SR 6.0 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-37 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R10.

Table 30-37 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R10

7750 SR 6.0 R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

Table 30-38 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R9.

Table 30-38 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R9

7750 SR 6.0 R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 30-39 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R7 to R8.

Table 30-39 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R7 to R8

7750 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	—	—	—	◆	◆	◆	◆	◆

Table 30-40 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R6.

Table 30-40 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R6

7750 SR 6.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	—	—	—	◆	◆	◆	◆	◆

Table 30-41 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R5.

Table 30-41 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R5

7750 SR 6.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	—	—	—	◆	◆	◆	◆	◆

Table 30-42 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R4.

Table 30-42 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R4

7750 SR 6.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	—	—	—	◆	◆	◆	◆	◆

Table 30-43 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R3.

Table 30-43 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R3

7750 SR 6.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	—	—	—	◆	◆	◆	◆	◆

Table 30-44 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R2.

Table 30-44 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R2

7750 SR 6.0 R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	—	—	—	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆

Table 30-45 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 6.0 R1.

Table 30-45 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 6.0 R1

7750 SR 6.0 R1 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	—	—	—	◆	◆	◆	◆	◆

30.5 7750 SR 5.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0.

Table 30-46 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R23 to R25.

Table 30-46 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 5.0 R23 to R25

7750 SR 5.0 R23 to R25 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R23 to R25 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 30-47 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R22.

Table 30-47 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 5.0 R22

7750 SR 5.0 R22 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R22 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 30-48 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R21.

Table 30-48 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 5.0 R21

7750 SR 5.0 R21 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R21 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 30-49 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R16 to R20.

Table 30-49 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 5.0 R16 to R20

7750 SR 5.0 R16 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 30-50 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R15.

Table 30-50 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 5.0 R15

7750 SR 5.0 R15 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R15 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 30-51 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R14.

Table 30-51 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 5.0 R14

7750 SR 5.0 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 30-52 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R13.

Table 30-52 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 5.0 R13

7750 SR 5.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 30-53 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R12.

Table 30-53 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 5.0 R12

7750 SR 5.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 30-54 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R11.

Table 30-54 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 5.0 R11

7750 SR 5.0 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 30-55 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R10.

Table 30-55 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 5.0 R10

7750 SR 5.0 R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 30-56 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R8 to R9.

Table 30-56 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 5.0 R8 to R9

7750 SR 5.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 30-57 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R5 to R7.

Table 30-57 Compatibility limitations between the 5620 SAM 7.0 and 7750 SR 5.0 R5 to R7

7750 SR 5.0 R5 to R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 30-58 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R4.

Table 30-58 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 5.0 R4

7750 SR 5.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 30-59 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R3.

Table 30-59 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 5.0 R3

7750 SR 5.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.	◆	◆	◆	◆	◆	◆	◆	◆

Table 30-60 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7750 SR, Release 5.0 R1 to R2.

Table 30-60 Compatibility limitations between 5620 SAM 7.0 and 7750 SR 5.0 R1 to R2

7750 SR 5.0 R1 to R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆

31 — 5620 SAM 7.0 compatibility with 7450 ESS

31.1 Release compatibility 31-2

31.2 7450 ESS 7.0 31-3

31.3 7450 ESS 6.1 31-67

31.4 7450 ESS 6.0 31-97

31.5 7450 ESS 5.0 31-116

31.1 Release compatibility

Table 31-1 lists the release compatibility between the 5620 SAM, Release 7.0, and the 7450 ESS. Any compatibility limitations are described in sections 31.2, 31.3, 31.4, and 31.5.

Table 31-1 5620 SAM 6.1 compatibility with 7450 ESS

7450 ESS release	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
8.0 or later	NC	NC	NC	NC	NC	NC	NC	NC
7.0 R19 to R20	See Table 31-2.							
7.0 R17 to R18	See Table 31-3.							
7.0 R14 to R16	See Table 31-4.							
7.0 R13	See Table 31-5.							
7.0 R12	See Table 31-6.							
7.0 R10 to R11	See Table 31-7.							
7.0 R8 to R9	See Table 31-8.							
7.0 R7	See Table 31-9.							
7.0 R6	See Table 31-10.							
7.0 R5	See Table 31-11.							
7.0 R4	See Table 31-12.							
7.0 R3	See Table 31-13.							
7.0 R1 to R2	See Table 31-14.							
6.1 R20	See Table 31-15.							
6.1 R18 to R19	See Table 31-16.							
6.1 R17	See Table 31-17.							
6.1 R15 to R16	See Table 31-18.							
6.1 R14	See Table 31-19.							
6.1 R13	See Table 31-20.							
6.1 R12	See Table 31-21.							
6.1 R11	See Table 31-22.							
6.1 R9 to R10	See Table 31-23.							
6.1 R7 to R8	See Table 31-24.							
6.1 R6	See Table 31-25.							
6.1 R5	See Table 31-26.							
6.1 R4	See Table 31-27.							
6.1 R3	See Table 31-28.							
6.1 R1 to R2	See Table 31-29.							

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7450 ESS release	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
6.0 R18 to R19	See Table 31-30.							
6.0 R17	See Table 31-31.							
6.0 R16	See Table 31-32.							
6.0 R15	See Table 31-33.							
6.0 R13 to R14	See Table 31-34.							
6.0 R12	See Table 31-35.							
6.0 R11	See Table 31-36.							
6.0 R10	See Table 31-37.							
6.0 R9	See Table 31-38.							
6.0 R7 to R8	See Table 31-39.							
6.0 R5 to R6	See Table 31-40.							
6.0 R4	See Table 31-41.							
6.0 R3	See Table 31-42.							
6.0 R2	See Table 31-43.							
6.0 R1	See Table 31-44.							
5.0 R23 to R25	See Table 31-45.							
5.0 R22	See Table 31-46.							
5.0 R21	See Table 31-47.							
5.0 R16 to R20	See Table 31-48.							
5.0 R15	See Table 31-49.							
5.0 R12 to R14	See Table 31-50.							
5.0 R10 to R11	See Table 31-51.							
5.0 R8 to R9	See Table 31-52.							
5.0 R5 to R7	See Table 31-53.							
5.0 R4	See Table 31-54.							
5.0 R3	See Table 31-55.							
5.0 R1 to R2	See Table 31-56.							

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31.2 7450 ESS 7.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 7.0.

Table 31-2 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 7.0 R19 to R20.

Table 31-2 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 7.0 R19 to R20

7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929]	◆	◆	◆	◆	◆	◆	◆	◆
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51...900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—

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7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—

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7450 ESS 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-3 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 7.0 R17 to R18.

Table 31-3 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 7.0 R17 to R18

7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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7450 ESS 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-4 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 7.0 R14 to R16.

Table 31-4 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 7.0 R14 to R16

7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51...900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—

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7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—

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7450 ESS 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-5 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 7.0 R13.

Table 31-5 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 7.0 R13

7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type "Default". 5620 SAM does not support the "default" type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—

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7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—

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7450 ESS 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-6 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 7.0 R12.

Table 31-6 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 7.0 R12

7450 ESS 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51...900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—

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7450 ESS 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—

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7450 ESS 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-7 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 7.0 R10 to R11.

Table 31-7 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 7.0 R10 to R11

7450 ESS 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51...900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—

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7450 ESS 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—

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7450 ESS 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-8 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 7.0 R8 to R9.

Table 31-8 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 7.0 R8 to R9

7450 ESS 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—

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7450 ESS 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-9 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 7.0 R7.

Table 31-9 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 7.0 R7

7450 ESS 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—

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7450 ESS 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-10 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 7.0 R6.

Table 31-10 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 7.0 R6

7450 ESS 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—

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7450 ESS 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-11 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 7.0 R5.

Table 31-11 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 7.0 R5

7450 ESS 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	—	—	—
Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—

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7450 ESS 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—

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7450 ESS 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-12 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 7.0 R4.

Table 31-12 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 7.0 R4

7450 ESS 7.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.	◆	◆	◆	—	—	—	—	—
RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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7450 ESS 7.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	—	—	—	—	—
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-13 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 7.0 R3.

Table 31-13 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 7.0 R3

7450 ESS 7.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.	◆	◆	◆	◆	◆	◆	◆	◆
1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—

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7450 ESS 7.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-14 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 7.0 R1 to R2.

Table 31-14 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 7.0 R1 to R2

7450 ESS 7.0 R1 to R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 7.0 R1 to R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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31.3 7450 ESS 6.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1.

Table 31-15 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R20.

Table 31-15 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R20

7450 ESS 6.1 R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [613097]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM hi-bwmcst-src default-paths-only parameter. 5620 SAM does not support hi-bwmcst-src default-paths-only parameter. [613041]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆

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7450 ESS 6.1 R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-16 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R18 to R19.

Table 31-16 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R18 to R19

7450 ESS 6.1 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆

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7450 ESS 6.1 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-17 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R17.

Table 31-17 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R17

7450 ESS 6.1 R17 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R17 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R17 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-18 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R15 to R16.

Table 31-18 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R15 to R16

7450 ESS 6.1 R15 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R15 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R15 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R15 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-19 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R14.

Table 31-19 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R14

7450 ESS 6.1 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-20 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R13.

Table 31-20 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R13

7450 ESS 6.1 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—

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7450 ESS 6.1 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-21 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R12.

Table 31-21 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R12

7450 ESS 6.1 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-22 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R11.

Table 31-22 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R11

7450 ESS 6.1 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-23 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R9 to R10.

Table 31-23 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R9 to R10

7450 ESS 6.1 R9 to R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R9 to R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R9 to R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-24 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R7 to R8.

Table 31-24 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R7 to R8

7450 ESS 6.1 R7 to R8 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R7 to R8 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-25 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R6.

Table 31-25 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R6

7450 ESS 6.1 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-26 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R5.

Table 31-26 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R5

7450 ESS 6.1 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-27 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R4.

Table 31-27 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R4

7450 ESS 6.1 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—

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Table 31-28 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R3.

Table 31-28 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R3

7450 ESS 6.1 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 31-29 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.1 R1 to R2.

Table 31-29 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.1 R1 to R2

7450 ESS 6.1 R1 to R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R1 to R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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31.4 7450 ESS 6.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0.

Table 31-30 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R18 to R19.

Table 31-30 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R18 to R19

7450 ESS 6.0 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—

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Table 31-31 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R17.

Table 31-31 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R17

7450 ESS 6.0 R17 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R17 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—

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Table 31-32 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R16.

Table 31-32 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R16

7450 ESS 6.0 R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—

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Table 31-33 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R15.

Table 31-33 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R15

7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 31-34 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R13 to R14.

Table 31-34 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R13 to R14

7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 31-35 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R12.

Table 31-35 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R12

7450 ESS 6.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 31-36 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R11.

Table 31-36 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R11

7450 ESS 6.0 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 31-37 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R10.

Table 31-37 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R10

7450 ESS 6.0 R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 31-38 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R9.

Table 31-38 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R9

7450 ESS 6.0 R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 31-39 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R7 to R8.

Table 31-39 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R7 to R8

7450 ESS 6.0 R7 to R8 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R7 to R8 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 31-40 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R5 to R6.

Table 31-40 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R5 to R6

7450 ESS 6.0 R5 to R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R5 to R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 31-41 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R4.

Table 31-41 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R4

7450 ESS 6.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 31-42 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R3.

Table 31-42 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R3

7450 ESS 6.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 31-43 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R2.

Table 31-43 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R2

7450 ESS 6.0 R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 31-44 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 6.0 R1.

Table 31-44 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 6.0 R1

7450 ESS 6.0 R1 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

31.5 7450 ESS 5.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 5.0.

Table 31-45 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 5.0 R23 to R25.

Table 31-45 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 5.0 R23 to R25

7450 ESS 5.0 R23 to R25 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R23 to R25 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 31-46 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 5.0 R22.

Table 31-46 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 5.0 R22

7450 ESS 5.0 R22 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

Table 31-47 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 5.0 R21.

Table 31-47 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 5.0 R21

7450 ESS 5.0 R21 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

Table 31-48 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 5.0 R16 to R20.

Table 31-48 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 5.0 R16 to R20

7450 ESS 5.0 R16 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

Table 31-49 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 5.0 R15.

Table 31-49 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 5.0 R15

7450 ESS 5.0 R15 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

Table 31-50 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 5.0 R12 to R14.

Table 31-50 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 5.0 R12 to R14

7450 ESS 5.0 R12 to R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

Table 31-51 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 5.0 R10 to R11.

Table 31-51 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 5.0 R10 to R11

7450 ESS 5.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 31-52 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 5.0 R8 to R9.

Table 31-52 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 5.0 R8 to R9

7450 ESS 5.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 31-53 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 5.0 R5 to R7.

Table 31-53 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 5.0 R5 to R7

7450 ESS 5.0 R5 to R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

Table 31-54 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 5.0 R4.

Table 31-54 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 5.0 R4

7450 ESS 5.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆

Table 31-55 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 5.0 R3.

Table 31-55 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 5.0 R3

7450 ESS 5.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆
Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.	◆	◆	◆	◆	◆	◆	◆	◆

Table 31-52 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7450 ESS, Release 5.0 R1 to R2.

Table 31-56 Compatibility limitations between 5620 SAM 7.0 and 7450 ESS 5.0 R1 to R2

7450 ESS 5.0 R1 to R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆

32 — 5620 SAM 7.0 compatibility with 7710 SR

32.1 Release compatibility 32-2

32.2 7710 SR 7.0 32-3

32.3 7710 SR 6.1 32-67

32.4 7710 SR 6.0 32-104

32.5 7710 SR 5.0 32-128

32.1 Release compatibility

Table 32-1 lists the release compatibility between the 5620 SAM, Release 7.0, and the 7710 SR. Any compatibility limitations are described in sections 32.2, 32.3, 32.4, and 32.5.

Table 32-1 5620 SAM 7.0 compatibility with 7710 SR

7710 SR release	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
8.0 or later	NC	NC	NC	NC	NC	NC	NC	NC
7.0 R19 to R20	See Table 32-2.							
7.0 R17 to R18	See Table 32-3.							
7.0 R14 to R16	See Table 32-4.							
7.0 R13	See Table 32-5.							
7.0 R12	See Table 32-6.							
7.0 R10 to R11	See Table 32-7.							
7.0 R8 to R9	See Table 32-8.							
7.0 R7	See Table 32-9.							
7.0 R6	See Table 32-10.							
7.0 R5	See Table 32-11.							
7.0 R4	See Table 32-12.							
7.0 R3	See Table 32-13.							
7.0 R1 to R2	See Table 32-14.							
6.1 R20	See Table 32-15.							
6.1 R17 to R19	See Table 32-16.							
6.1 R15 to R16	See Table 32-17.							
6.1 R14	See Table 32-18.							
6.1 R13	See Table 32-19.							
6.1 R12	See Table 32-20.							
6.1 R11	See Table 32-21.							
6.1 R10	See Table 32-22.							
6.1 R9	See Table 32-23.							
6.1 R7 to R8	See Table 32-24.							
6.1 R6	See Table 32-25.							
6.1 R5	See Table 32-26.							
6.1 R4	See Table 32-27.							
6.1 R3	See Table 32-28.							
6.1 R1 to R2	See Table 32-29.							

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7710 SR release	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
6.0 R18 to R19	See Table 32-30.							
6.0 R17	See Table 32-31.							
6.0 R16	See Table 32-32.							
6.0 R15	See Table 32-33.							
6.0 R14	See Table 32-34.							
6.0 R13	See Table 32-35.							
6.0 R12	See Table 32-36.							
6.0 R11	See Table 32-37.							
6.0 R10	See Table 32-38.							
6.0 R9	See Table 32-39.							
6.0 R7 to R8	See Table 32-40.							
6.0 R6	See Table 32-41.							
6.0 R5	See Table 32-42.							
6.0 R4	See Table 32-43.							
6.0 R3	See Table 32-44.							
6.0 R2	See Table 32-45.							
6.0 R1	See Table 32-46.							
5.0 R23 to R25	See Table 32-47.							
5.0 R22	See Table 32-48.							
5.0 R21	See Table 32-49.							
5.0 R16 to R20	See Table 32-50.							
5.0 R15	See Table 32-51.							
5.0 R14	See Table 32-52.							
5.0 R13	See Table 32-53.							
5.0 R12	See Table 32-54.							
5.0 R11	See Table 32-55.							
5.0 R10	See Table 32-56.							
5.0 R5 to R9	See Table 32-57.							
5.0 R4	See Table 32-58.							
5.0 R3	See Table 32-59.							

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32.2 7710 SR 7.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0 and the 7710 SR, Release 7.0.

Table 32-2 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 7.0 R19 to R20.

Table 32-2 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 7.0 R19 to R20

7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922]	◆	◆	◆	◆	—	◆	◆	◆
MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messages for VPRN Services. [608929]	◆	◆	◆	◆	—	◆	◆	◆
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—

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7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—

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7710 SR 7.0 R19 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-3 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 7.0 R17 to R18.

Table 32-3 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 7.0 R17 to R18

7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—

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7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG’s for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—

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7710 SR 7.0 R17 to R18 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-4 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 7.0 R14 to R16.

Table 32-4 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 7.0 R14 to R16

7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]	◆	◆	◆	◆	◆	◆	◆	◆
Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]	◆	◆	◆	◆	◆	◆	◆	◆
System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—

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7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG’s for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—

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7710 SR 7.0 R14 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-5 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 7.0 R13.

Table 32-5 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 7.0 R13

7710 SR 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—

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7710 SR 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—

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7710 SR 7.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-6 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 7.0 R12.

Table 32-6 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 7.0 R12

7710 SR 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—

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7710 SR 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—

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7710 SR 7.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-7 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 7.0 R10 to R11.

Table 32-7 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 7.0 R10 to R11

7710 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—

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7710 SR 7.0 R10 to R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-8 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 7.0 R8 to R9.

Table 32-8 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 7.0 R8 to R9

7710 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	—	—	—	—

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7710 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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7710 SR 7.0 R8 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-9 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 7.0 R7.

Table 32-9 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 7.0 R7

7710 SR 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—

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7710 SR 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS Marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—

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7710 SR 7.0 R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-10 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 7.0 R6.

Table 32-10 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 7.0 R6

7710 SR 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]	◆	◆	◆	◆	◆	◆	◆	◆
Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—

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7710 SR 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—

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7710 SR 7.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-11 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 7.0 R5.

Table 32-11 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 7.0 R5

7710 SR 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.	◆	◆	◆	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	◆	◆	◆	◆	◆	◆	◆	◆
PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	—	—	—
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.	◆	◆	◆	◆	—	—	—	—
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.	◆	◆	◆	—	—	—	—	—
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG’s for HS-MDA ports.	◆	◆	◆	—	—	—	—	—

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7710 SR 7.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-12 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 7.0 R4.

Table 32-12 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 7.0 R4

7710 SR 7.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.	◆	◆	◆	◆	—	—	—	—
Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.	◆	◆	◆	◆	—	—	—	—
1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.	◆	◆	◆	—	—	—	—	—

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7710 SR 7.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.	◆	◆	◆	—	—	—	—	—
SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.	◆	◆	◆	—	—	—	—	—
eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.	◆	◆	◆	—	—	—	—	—
Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.	◆	◆	◆	—	—	—	—	—
G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.	◆	◆	◆	—	—	—	—	—
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-13 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 7.0 R3.

Table 32-13 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 7.0 R3

7710 SR 7.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.	◆	◆	◆	◆	◆	◆	◆	◆
LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.	◆	◆	◆	◆	◆	◆	◆	◆
Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).	◆	◆	◆	◆	◆	◆	◆	◆
MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).	◆	◆	◆	◆	◆	◆	◆	◆
MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.	◆	◆	◆	◆	◆	◆	◆	◆
ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.	◆	◆	◆	—	—	—	—	—
LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.	◆	◆	◆	—	—	—	—	—
IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.	◆	◆	◆	—	—	—	—	—
Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.	◆	◆	◆	—	—	—	—	—
LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.	◆	◆	◆	—	—	—	—	—
OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-14 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 7.0 R1 to R2.

Table 32-14 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 7.0 R1 to R2

7710 SR 7.0 R1 to R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 7.0 R1 to R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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32.3 7710 SR 6.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1.

Table 32-15 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R20.

Table 32-15 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R20

7710 SR 6.1 R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [613097]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM hi-bwmcst-src default-paths-only parameter. 5620 SAM does not support hi-bwmcst-src default-paths-only parameter. [613041]	◆	◆	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-16 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R17 to R19.

Table 32-16 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R17 to R19

7710 SR 6.1 R17 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆

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7710 SR 6.1 R17 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R17 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—

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7710 SR 6.1 R17 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-17 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R15 to R16.

Table 32-17 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R15 to R16

7710 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-18 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R14.

Table 32-18 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R14

7710 SR 6.1 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA ICMP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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7710 SR 6.1 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-19 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R13.

Table 32-19 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R13

7710 SR 6.1 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆

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7710 SR 6.1 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—

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7710 SR 6.1 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-20 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R12.

Table 32-20 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R12

7710 SR 6.1 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆

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7710 SR 6.1 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	—	—	—
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-21 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R11.

Table 32-21 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R11

7710 SR 6.1 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM SAA IMCP Ping Forwarding Class. 5620 SAM does not support the configuration of forwarding class. [568282]	—	—	—	◆	◆	◆	◆	◆
ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]	—	—	—	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	—	—	—	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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7710 SR 6.1 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-22 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R10.

Table 32-22 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R10

7710 SR 6.1 R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-23 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R9.

Table 32-23 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R9

7710 SR 6.1 R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-24 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R7 to R8.

Table 32-24 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R7 to R8

7710 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-25 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R6.

Table 32-25 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R6

7710 SR 6.1 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	—	—	—	—	—
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-26 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R5.

Table 32-26 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R5

7710 SR 6.1 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-27 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R4.

Table 32-27 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R4

7710 SR 6.1 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	—	—	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-28 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R3.

Table 32-28 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R3

7710 SR 6.1 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 32-29 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.1 R1 to R2.

Table 32-29 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.1 R1 to R2

7710 SR 6.1 R1 to R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R1 to R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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32.4 7710 SR 6.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0.

Table 32-30 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R18 to R19.

Table 32-30 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R18 to R19

7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	—	—
(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.	◆	◆	◆	◆	◆	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-31 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R17.

Table 32-31 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R17

7710 SR 6.0 R17 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R17 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R17 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-32 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R16.

Table 32-32 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R16

7710 SR 6.0 R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R16 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	—	—	—
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-33 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R15.

Table 32-33 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R15

7710 SR 6.0 R15 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R15 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-34 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R14.

Table 32-34 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R14

7710 SR 6.0 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-35 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R13.

Table 32-35 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R13

7710 SR 6.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-36 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R12.

Table 32-36 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R12

7710 SR 6.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-37 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R11.

Table 32-37 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R11

7710 SR 6.0 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-38 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R10.

Table 32-38 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R10

7710 SR 6.0 R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-39 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R9.

Table 32-39 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R9

7710 SR 6.0 R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	—	—	—	—	—

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Table 32-40 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R7 to R8.

Table 32-40 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R7 to R8

7710 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 32-38 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R6.

Table 32-41 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R6

7710 SR 6.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 32-42 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R5.

Table 32-42 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R5

7710 SR 6.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 32-43 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R4.

Table 32-43 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R4

7710 SR 6.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 32-44 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R3.

Table 32-44 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R3

7710 SR 6.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 32-45 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R2.

Table 32-45 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R2

7710 SR 6.0 R2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆

Table 32-46 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 6.0 R1.

Table 32-46 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 6.0 R1

7710 SR 6.0 R1 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

32.5 7710 SR 5.0

The tables in this section detail compatibility limitations between the 5620 SAM 7.0 and the 7710 SR 5.0.

Table 32-47 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 5.0 R23 to R25.

Table 32-47 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 5.0 R23 to R25

7710 SR 5.0 R23 to R25 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R23 to R25 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 32-48 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 5.0 R22.

Table 32-48 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 5.0 R22

7710 SR 5.0 R22 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R22 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 32-49 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 5.0 R21.

Table 32-49 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 5.0 R21

7710 SR 5.0 R21 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R21 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 32-50 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 5.0 R16 to R20.

Table 32-50 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 5.0 R16 to R20

7710 SR 5.0 R16 to R20 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 32-51 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 5.0 R15.

Table 32-51 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 5.0 R15

7710 SR 5.0 R15 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R15 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 32-52 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 5.0 R14.

Table 32-52 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 5.0 R14

7710 SR 5.0 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R14 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 32-53 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 5.0 R13.

Table 32-53 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 5.0 R13

7710 SR 5.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R13 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 32-54 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 5.0 R12.

Table 32-54 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 5.0 R12

7710 SR 5.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 32-55 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 5.0 R11.

Table 32-55 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 5.0 R11

7710 SR 5.0 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R11 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 32-56 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 5.0 R10.

Table 32-56 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 5.0 R10

7710 SR 5.0 R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R10 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 32-57 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 5.0 R5 to R9.

Table 32-57 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 5.0 R5 to R9

7710 SR 5.0 R5 to R9 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 32-58 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 5.0 R4.

Table 32-58 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 5.0 R4

7710 SR 5.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 32-59 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7710 SR, Release 5.0 R3.

Table 32-59 Compatibility limitations between 5620 SAM 7.0 and 7710 SR 5.0 R3

7710 SR 5.0 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.	◆	◆	◆	◆	◆	◆	◆	◆

33 — 5620 SAM 7.0 compatibility with 7705 SAR

33.1 Release compatibility 33-2

33.2 7705 SAR 2.1 33-2

33.3 7705 SAR 2.0 33-3

33.4 7705 SAR 1.0 33-3

33.1 Release compatibility

Table 33-1 lists the release compatibility between the 5620 SAM, Release 7.0 and the 7705 SAR. Any compatibility limitations are described in sections 33.2, 33.3, and 33.4.

Table 33-1 5620 SAM 7.0 compatibility with 7705 SAR

7705 SAR release	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
3.0 or later	NC	NC	NC	NC	NC	NC	NC	NC
2.1 R3 to R4	NC	NC	NC	NC	See Table 33-2.			
2.1 R1 to R2	NC	NC	NC	NC	✓	✓	✓	✓
2.0 R3 to R5	See Table 33-3.	✓	✓	✓	✓	✓	✓	✓
2.0 R1 to R2	✓	✓	✓	✓	✓	✓	✓	✓
1.1 R2 to R4	✓	✓	✓	✓	✓	✓	✓	✓
1.1 R1	✓	✓	✓	✓	✓	✓	✓	✓
1.0 R1 to R7	✓	✓	✓	See Table 33-4.				

33.2 7705 SAR 2.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7705 SAR, Release 2.1.

Table 33-2 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7705 SAR, Release 2.1 R3 to R4.

Table 33-2 Compatibility limitations between 5620 SAM 7.0 and 7705 SAR 2.1 R3 to R4

7705 SAR 2.1 R3 to R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.	NC	NC	NC	NC	◆	◆	◆	◆
Active / Standby mode for PW redundancy. 5620 SAM does not support Active / Standby mode for PW redundancy.	NC	NC	NC	NC	◆	◆	◆	◆

33.3 7705 SAR 2.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7705 SAR, Release 2.0.

Table 33-3 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7705 SAR, Release 2.0 R3 to R5.

Table 33-3 Compatibility limitations between 5620 SAM 7.0 and 7705 SAR 2.0 R3 to R5

7705 SAR 2.0 R3 to R5 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP-TE MD5 Authentication. 5620 SAM does not support MD5 Authentication for RSVP-TE Interfaces.	◆	—	—	—	—	—	—	—
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.	◆	—	—	—	—	—	—	—

33.4 7705 SAR 1.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7705 SAR, Release 1.0.

Table 33-3 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7705 SAR, Release 1.0 R1 to R7.

Table 33-4 Compatibility limitations between 5620 SAM 7.0 and 7705 SAR 1.0 R1 to R7

7705 SAR 1.0 R1 to R7 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.	—	—	—	◆	◆	◆	◆	◆

34 — 5620 SAM 7.0 compatibility with 7210 SAS

34.1 Release compatibility 34-2

34.2 7210 SAS 1.1 34-2

34.3 7210 SAS 1.0 34-4

34.1 Release compatibility

Table 34-1 lists the release compatibility between the 5620 SAM, Release 7.0, and the 7210 SAS. Any compatibility limitations are described in sections 34.2 and 34.3.

Table 34-1 5620 SAM 7.0 compatibility with 7210 SAS

7210 SAS release	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
2.0 or later	NC	NC	NC	NC	NC	NC	NC	NC
7210 SAS-E 1.1 R7 to R12	NC	NC	NC	NC	See Table 34-2.			
7210 SAS-E 1.1 R4 to R6	NC	NC	NC	NC	See Table 34-3.			
7210 SAS-M 1.1 R4 to R12	NC	NC	NC	NC	See Table 34-4.			
7210 SAS-M 24F 2XFP 1.1 R6 to R12	NC	NC	NC	NC	NC	NC	NC	NC
7210 SAS-M 24F 2XFP ETR 1.1 R8 to R12	NC	NC	NC	NC	NC	NC	NC	NC
7210 SAS-E 1.1 R3	NC	NC	NC	NC	✓	✓	✓	✓
7210 SAS-M 1.1 R3	NC	NC	NC	NC	See Table 34-5.	✓	✓	✓
7210 SAS-E 1.0 R5 to R6	See Table 34-6.				✓	✓	✓	✓
7210 SAS-E 1.0 R4	See Table 34-7.		✓	✓	✓	✓	✓	✓
7210 SAS-E 1.0 R3	✓	✓	✓	✓	✓	✓	✓	✓

34.2 7210 SAS 1.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7210 SAS, Release 1.1.

Table 34-2 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7210 SAS-E, Release 1.1 R7 to R12.

Table 34-2 Compatibility limitations between 5620 SAM 7.0 and 7210 SAS-E 1.1 R7 to R12

7210 SAS-E 1.1 R7 to R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 601397) ServiceIngressOctets Accounting Policy for SAP. 5620 SAM does not support deployment of the ServiceIngressOctets Accounting Record binding to SAP of all services. A deployment failure will result.	NC	NC	NC	NC	◆	◆	◆	◆

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7210 SAS-E 1.1 R7 to R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	NC	NC	NC	NC	◆	◆	◆	◆

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Table 34-3 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7210 SAS-E, Release 1.1 R4 to R6.

Table 34-3 Compatibility limitations between 5620 SAM 7.0 and 7210 SAS-E 1.1 R4 to R6

7210 SAS-E 1.1 R4 to R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	NC	NC	NC	NC	◆	◆	◆	◆

Table 34-4 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7210 SAS-M, Release 1.1 R4 to R12.

Table 34-4 Compatibility limitations between 5620 SAM 7.0 and 7210 SAS-M 1.1 R4 to R12

7210 SAS-M 1.1 R4 to R12 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	NC	NC	NC	NC	◆	◆	◆	◆
Network Policies. 5620 SAM does not support Network Policies.	NC	NC	NC	NC	◆	—	—	—

Table 34-5 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7210 SAS-M, Release 1.1 R3.

Table 34-5 Compatibility limitations between 5620 SAM 7.0 and 7210 SAS-M 1.1 R3

7210 SAS-M 1.1 R3 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Network Policies. 5620 SAM does not support Network Policies.	NC	NC	NC	NC	◆	—	—	—

34.3 7210 SAS 1.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7210 SAS, Release 1.0.

Table 34-6 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7210 SAS-E, Release 1.0 R5 to R6.

Table 34-6 Compatibility limitations between 5620 SAM 7.0 and 7210 SAS-E 1.0 R5 to R6

7210 SAS-E 1.0 R5 to R6 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Egress Rate Limiting and Frame Based Accounting. 5620 SAM does not support Egress Rate Limiting and Frame Based Accounting.	◆	◆	◆	◆	—	—	—	—
IGMP Snooping. 5620 SAM does not support IGMP Snooping.	◆	◆	—	—	—	—	—	—

Table 34-7 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7210 SAS-E, Release 1.0 R4.

Table 34-7 Compatibility limitations between 5620 SAM 7.0 and 7210 SAS-E 1.0 R4

7210 SAS-E 1.0 R4 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping. 5620 SAM does not support IGMP Snooping.	◆	◆	—	—	—	—	—	—

35 — 5620 SAM 7.0 compatibility with 7250 SAS

35.1 Release compatibility 35-2

35.2 7250 SAS 3.0 35-3

35.3 7250 SAS 2.0 35-3

35.1 Release compatibility

Table 35-1 lists the release compatibility between the 5620 SAM, Release 7.0, and the 7250 SAS. Any compatibility limitations are described in sections 35.2 and 35.3.

Table 35-1 5620 SAM 7.0 compatibility with 7250 SAS

7250 SAS release	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
7250 SAS 3.0 R9 (ESA Chassis Mode)	See Table 35-2.							
7250 SAS 3.0 R9 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R8 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R8 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R7 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R7 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R6 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R6 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R5 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R5 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R4.1 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R4.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R3.1 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R3.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R3 (ESA Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 3.0 R3 (ES Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R11 to R13 (ES Chassis Mode)	See Table 35-3.							
7250 SAS 2.0 R11 to R13 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R10 (ES Chassis Mode)	See Table 35-4.							

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7250 SAS release	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
7250 SAS 2.0 R10 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R9 (ES Chassis Mode)	See Table 35-5.							
7250 SAS 2.0 R9 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8.1 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R7.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R7.1 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R5.2 or later	NC	NC	NC	NC	NC	NC	NC	NC

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35.2 7250 SAS 3.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7250 SAS, Release 3.0.

Table 35-2 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7250 SAS, Release 3.0 R9 (ESA Chassis Mode).

Table 35-2 Compatibility limitations between 5620 SAM 7.0 and 7250 SAS 3.0 R9 (ESA Chassis Mode)

7250 SAS 3.0 R9 (ESA Chassis Mode) Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SFP 3HE00869 Support. 5620 SAM does not support SFP 3HE00869.	◆	◆	◆	◆	◆	◆	◆	◆

35.3 7250 SAS 2.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 7250 SAS, Release 2.0.

Table 35-3 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7250 SAS, Release 2.0 R11 to R13 (ES Chassis Mode).

Table 35-3 Compatibility limitations between 5620 SAM 7.0 and 7250 SAS 2.0 R11 to R13 (ES Chassis Mode)

7250 SAS 2.0 R11 to R13 (ES Chassis Mode) Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: 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 35-4 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7250 SAS, Release 2.0 R10 (ES Chassis Mode).

Table 35-4 Compatibility limitations between 5620 SAM 7.0 and 7250 SAS 2.0 R10 (ES Chassis Mode)

7250 SAS 2.0 R10 (ES Chassis Mode) Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: 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 35-5 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 7250 SAS, Release 2.0 R9 (ES Chassis Mode).

Table 35-5 Compatibility limitations between 5620 SAM 7.0 and 7250 SAS 2.0 R9 (ES Chassis Mode)

7250 SAS 2.0 R9 (ES Chassis Mode) Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM	◆	◆	◆	◆	◆	◆	◆	◆

36 — 5620 SAM 7.0 compatibility with Telco T5 Compact

36.1 Release compatibility 36-2

36.1 Release compatibility

Table 36-1 lists the release compatibility between the 5620 SAM, Release 7.0, and the Telco T5 Compact.

Table 36-1 5620 SAM 7.0 compatibility with Telco T5 Compact

Telco T5 Compact release	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
6.5.5	✓	✓	✓	✓	✓	✓	✓	✓
6.5.2	✓	✓	✓	✓	✓	✓	✓	✓
6.3.13	✓	✓	✓	✓	✓	✓	✓	✓
6.3.12	✓	✓	✓	✓	✓	✓	✓	✓
6.3.11	NC	NC	NC	NC	NC	NC	NC	NC
6.3.2	NC	NC	NC	NC	NC	NC	NC	NC
5.10.1	NC	NC	NC	NC	NC	NC	NC	NC

37 — 5620 SAM 7.0 compatibility with OmniSwitch

37.1	Release compatibility	37-2
37.2	OmniSwitch Series 6.3.4	37-3
37.3	OmniSwitch Series 6.3.3	37-3
37.4	OmniSwitch Series 6.3.2	37-4
37.5	OmniSwitch Series 6.3.1	37-4

37.1 Release compatibility

Table 37-1 lists the release compatibility between the 5620 SAM, Release 7.0, and the OmniSwitch. Any compatibility limitations are described in sections 37.2, 37.3, 37.4, and 37.5.

Table 37-1 5620 SAM 7.0 compatibility with OmniSwitch

OmniSwitch release	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OmniSwitch Series 6.6.2.259 R01 (6250)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.6.1.791 R01 (6250)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.4.4 R01 (6850 / 6850E / 6400 / 6855 / 6855U24X / 9700E / 9800E)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.4.3.717 R01 (6850 / 6400 / 6855(6855U24x) / 9600 / 9700 / 9800 / 9700E / 9800E)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.4.2.968 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.4.621 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800)	NC	NC	NC	See Table 37-2.	✓	✓	✓	✓
OmniSwitch Series 6.3.4 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800)	NC	NC	NC	See Table 37-3.	✓	✓	✓	✓
OmniSwitch Series 6.3.3.305 R01 (6400)	See Table 37-4.							
OmniSwitch Series 6.3.3 R01 (6400)	See Table 37-5.							
OmniSwitch Series 6.3.2 R01 (6855)	See Table 37-6.							
OmniSwitch Series 6.3.1.1176 R01 (6850)	See Table 37-7.		✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.3.1.1176 R01 (9600 / 9700 / 9800)	See Table 37-8.		✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.3.1 R01 (6850)	✓	✓	✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.3.1 R01 (9600 / 9700 / 9800)	✓	✓	✓	✓	✓	✓	✓	✓

37.2 OmniSwitch Series 6.3.4

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the OmniSwitch Series 6.3.4.

Table 37-2 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the OmniSwitch Series 6.3.4.621 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800).

Table 37-2 Compatibility limitations between 5620 SAM 7.0 and OmniSwitch Series 6.3.4.621 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800)

OmniSwitch Series 6.3.4.621 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800) Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Link Aggregation Groups. 5620 SAM does not support Link Aggregation Groups (LAGs).	NC	NC	NC	◆	—	—	—	—

Table 37-3 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the OmniSwitch Series 6.3.4 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800).

Table 37-3 Compatibility limitations between 5620 SAM 7.0 and OmniSwitch Series 6.3.4 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800)

OmniSwitch Series 6.3.4 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800) Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Link Aggregation Groups. 5620 SAM does not support Link Aggregation Groups (LAGs).	NC	NC	NC	◆	—	—	—	—

37.3 OmniSwitch Series 6.3.3

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the OmniSwitch Series 6.3.3.

Table 37-4 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the OmniSwitch Series 6.3.3.305 R01 (6400).

Table 37-4 Compatibility limitations between 5620 SAM 7.0 and OmniSwitch Series 6.3.3.305 R01 (6400)

OmniSwitch Series 6.3.3.305 R01 (6400) Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Link Aggregation Groups. 5620 SAM does not support Link Aggregation Groups (LAGs).	◆	◆	◆	◆	◆	◆	◆	◆

Table 37-5 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the OmniSwitch Series 6.3.3 R01 (6400).

Table 37-5 Compatibility limitations between 5620 SAM 7.0 and OmniSwitch Series 6.3.3 R01 (6400)

OmniSwitch Series 6.3.3 R01 (6400) Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Link Aggregation Groups. 5620 SAM does not support Link Aggregation Groups (LAGs).	◆	◆	◆	◆	◆	◆	◆	◆

37.4 OmniSwitch Series 6.3.2

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the OmniSwitch Series 6.3.2.

Table 37-6 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the OmniSwitch Series 6.3.2 R01 (6855).

Table 37-6 Compatibility limitations between 5620 SAM 7.0 and OmniSwitch Series 6.3.2 R01 (6855)

OmniSwitch Series 6.3.2 R01 (6855) Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Link Aggregation Groups. 5620 SAM does not support Link Aggregation Groups (LAGs).	◆	◆	◆	◆	◆	◆	◆	◆

37.5 OmniSwitch Series 6.3.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the OmniSwitch Series 6.3.1.

Table 37-7 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the OmniSwitch Series 6.3.1.1176 R01 (6850).

Table 37-7 Compatibility limitations between 5620 SAM 7.0 and OmniSwitch Series 6.3.1.1176 R01 (6850)

OmniSwitch Series 6.3.1.1176 R01 (6850) Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Link Aggregation Groups. 5620 SAM does not support Link Aggregation Groups (LAGs).	◆	◆	—	—	—	—	—	—

Table 37-8 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the OmniSwitch Series 6.3.1.1176 R01 (9600 / 9700 / 9800).

Table 37-8 Compatibility limitations between 5620 SAM 7.0 and OmniSwitch Series 6.3.1.1176 R01 (9600 / 9700 / 9800)

OmniSwitch Series 6.3.1.1176 R01 (9600 / 9700 / 9800) Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Link Aggregation Groups. 5620 SAM does not support Link Aggregation Groups (LAGs).	◆	◆	—	—	—	—	—	—

38 — 5620 SAM 7.0 compatibility with 9500 MPR

38.1 Release compatibility 38-2

38.2 9500 MPR ANSI 2.0 38-2

38.3 9500 MPR ETSI 1.2 38-3

38.1 Release compatibility

Table 38-1 lists the release compatibility between the 5620 SAM, Release 7.0, and the 9500 MPR. Any compatibility limitations are described in sections 38.2 and 38.3.

Table 38-1 5620 SAM 7.0 compatibility with 9500 MPR

9500 MPR release	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ANSI 3.0	NC	NC	NC	NC	NC	NC	NC	NC
ANSI 2.2.1	NC	NC	NC	NC	NC	NC	NC	NC
ANSI 2.2.0	NC	NC	NC	NC	NC	NC	NC	NC
ANSI 2.1	NC	NC	NC	NC	NC	NC	NC	NC
ANSI 2.0.1	NC	NC	NC	NC	NC	NC	NC	NC
ANSI 2.0	NC	NC	NC	NC	See Table 38-2.			
ANSI 1.2	NC	NC	NC	NC	NC	NC	NC	NC
ETSI 3.0	NC	NC	NC	NC	NC	NC	NC	NC
ETSI 2.1	NC	NC	NC	NC	NC	NC	NC	NC
ETSI 1.4	NC	NC	NC	NC	NC	NC	NC	NC
ETSI 1.3.0 to 1.3.1	NC	NC	NC	NC	NC	NC	NC	NC
ETSI 1.2.1 to 1.2.2	NC	NC	See Table 38-3.		✓	✓	✓	✓
ETSI 1.2.0	NC	NC	✓	✓	✓	✓	✓	✓

38.2 9500 MPR ANSI 2.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 9500 MPR ANSI, Release 2.0.

Table 38-2 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 9500 MPR ANSI, Release 2.0.

Table 38-2 Compatibility limitations between 5620 SAM 7.0 and 9500 MPR ANSI 2.0

9500 MPR ANSI 2.0 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Service Discovery. Discovery of services will discover only one service at a time if Management IP address and System IP address are different.	NC	NC	NC	NC	◆	◆	◆	◆

38.3 9500 MPR ETSI 1.2

The tables in this section describe compatibility limitations between the 5620 SAM, Release 7.0, and the 9500 MPR ETSI, Release 1.2.

Table 38-3 describes the compatibility limitations between the 5620 SAM, Release 7.0, and the 9500 MPR ETSI, Release 1.2.1 to 1.2.2.

Table 38-3 Compatibility limitations between 5620 SAM 7.0 and 9500 MPR ETSI 1.2.1 to 1.2.2

9500 MPR ETSI 1.2.1 to 1.2.2 Compatibility Statement	5620 SAM 7.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Admission Control. 5620 SAM does not support Admission Control.	NC	NC	◆	◆	—	—	—	—
TDM Statistics. 5620 SAM does not support TDM Statistics.	NC	NC	◆	◆	—	—	—	—

5620 SAM 6.1

- 39 – 5620 SAM 6.1 compatibility with 7750 SR
- 40 – 5620 SAM 6.1 compatibility with 7450 ESS
- 41 – 5620 SAM 6.1 compatibility with 7710 SR
- 42 – 5620 SAM 6.1 compatibility with 7705 SAR
- 43 – 5620 SAM 6.1 compatibility with 7250 SAS
- 44 – 5620 SAM 6.1 compatibility with Telco T5 Compact
- 45 – 5620 SAM 6.1 compatibility with OmniSwitch

39 – 5620 SAM 6.1 compatibility with 7750 SR

39.1 Release compatibility 39-2

39.2 7750 SR 6.1 39-3

39.3 7750 SR 6.0 39-37

39.4 7750 SR 5.0 39-57

39.1 Release compatibility

Table 39-1 lists the release compatibility between the 5620 SAM, Release 6.1, and the 7750 SR. Any compatibility limitations are described in sections 39.2, 39.3, and 39.4.

Table 39-1 5620 SAM 6.1 compatibility with 7750 SR

7750 SR release	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
7.0 or later	NC	NC	NC	NC	NC	NC	NC	NC
6.1 R20	See Table 39-2.							
6.1 R18 to R19	See Table 39-3.							
6.1 R17	See Table 39-4.							
6.1 R15 to R16	See Table 39-5.							
6.1 R14	See Table 39-6.							
6.1 R13	See Table 39-7.							
6.1 R12	See Table 39-8.							
6.1 R11	See Table 39-9.							
6.1 R10	See Table 39-10.							
6.1 R9	See Table 39-11.							
6.1 R7 to R8	See Table 39-12.							
6.1 R6	See Table 39-13.							
6.1 R5	See Table 39-14.							
6.1 R4	See Table 39-15.							
6.1 R3	See Table 39-16.							
6.1 R1 to R2	See Table 39-17.							
6.0 R18 to R19	See Table 39-18.							
6.0 R17	See Table 39-19.							
6.0 R16	See Table 39-20.							
6.0 R15	See Table 39-21.							
6.0 R14	See Table 39-22.							
6.0 R13	See Table 39-23.							
6.0 R12	See Table 39-24.							
6.0 R11	See Table 39-25.							
6.0 R10	See Table 39-26.							
6.0 R9	See Table 39-27.							
6.0 R7 to R8	See Table 39-28.							
6.0 R6	See Table 39-29.							

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7750 SR release	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
6.0 R5	See Table 39-30.							
6.0 R4	See Table 39-31.							
6.0 R3	See Table 39-32.							
6.0 R2	See Table 39-33.							
6.0 R1	See Table 39-34.							
5.0 R23 to R25	See Table 39-35.							
5.0 R22	See Table 39-36.							
5.0 R21	See Table 39-37.							
5.0 R16 to R20	See Table 39-38.							
5.0 R15	See Table 39-39.							
5.0 R14	See Table 39-40.							
5.0 R13	See Table 39-41.							
5.0 R12	See Table 39-42.							
5.0 R11	See Table 39-43.							
5.0 R10	See Table 39-44.							
5.0 R8 to R9	See Table 39-45.							
5.0 R5 to R7	See Table 39-46.							
5.0 R4	See Table 39-47.							
5.0 R3	See Table 39-48.							
5.0 R1 to R2	See Table 39-49.							

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39.2 7750 SR 6.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1.

Table 39-2 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R20.

Table 39-2 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R20

7750 SR 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [613097]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM hi-bwmcst-src default-paths-only parameter. 5620 SAM does not support hi-bwmcst-src default-paths-only parameter. [613041]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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7750 SR 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 39-3 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R18 to R19.

Table 39-3 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R18 to R19

7750 SR 6.1 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsgGrpActiveIsgChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—

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7750 SR 6.1 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 39-4 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R17.

Table 39-4 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R17

7750 SR 6.1 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPseclsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 39-5 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R15 to R16.

Table 39-5 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R15 to R16

7750 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 39-6 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R14.

Table 39-6 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R14

7750 SR 6.1 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 39-7 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R13.

Table 39-7 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R13

7750 SR 6.1 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆
(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-VPC.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—

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7750 SR 6.1 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 39-8 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R12.

Table 39-8 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R12

7750 SR 6.1 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 39-9 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R11.

Table 39-9 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R11

7750 SR 6.1 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 39-10 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R10.

Table 39-10 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R10

7750 SR 6.1 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 39-11 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R9.

Table 39-11 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R9

7750 SR 6.1 R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 39-12 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R7 to R8.

Table 39-12 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R7 to R8

7750 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 39-13 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R6.

Table 39-13 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R6

7750 SR 6.1 R6 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivesaChgd) for ISA IPSec Groups.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R6 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—

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7750 SR 6.1 R6 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 39-14 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R5.

Table 39-14 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R5

7750 SR 6.1 R5 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R5 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 39-15 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R4.

Table 39-15 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R4

7750 SR 6.1 R4 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.1 R4 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 39-16 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R3.

Table 39-16 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R3

7750 SR 6.1 R3 Compatibility Statement	5620 SAM 6.1 Release							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

Table 39-17 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.1 R1 to R2.

Table 39-17 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.1 R1 to R2

7750 SR 6.1 R1 to R2 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

39.3 7750 SR 6.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0.

Table 39-18 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R18 to R19.

Table 39-18 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R18 to R19

7750 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 39-19 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R17.

Table 39-19 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R17

7750 SR 6.0 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—

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7750 SR 6.0 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—

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Table 39-20 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R16.

Table 39-20 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R16

7750 SR 6.0 R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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.	◆	◆	◆	—	—	—	—	—

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7750 SR 6.0 R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 39-21 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R15.

Table 39-21 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R15

7750 SR 6.0 R15 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R15 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—

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7750 SR 6.0 R15 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—

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Table 39-22 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R14.

Table 39-22 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R14

7750 SR 6.0 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 39-23 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R13.

Table 39-23 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R13

7750 SR 6.0 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 39-24 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R12.

Table 39-24 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R12

7750 SR 6.0 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—

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7750 SR 6.0 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—

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Table 39-25 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R11.

Table 39-25 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R11

7750 SR 6.0 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 39-26 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R10.

Table 39-26 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R10

7750 SR 6.0 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 39-27 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R9.

Table 39-27 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R9

7750 SR 6.0 R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 39-28 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R7 to R8.

Table 39-28 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R7 to R8

7750 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 39-29 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R6.

Table 39-29 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R6

7750 SR 6.0 R6 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

Table 39-30 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R5.

Table 39-30 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R5

7750 SR 6.0 R5 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R5 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 39-31 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R4.

Table 39-31 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R4

7750 SR 6.0 R4 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

Table 39-32 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R3.

Table 39-32 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R3

7750 SR 6.0 R3 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

Table 39-33 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R2.

Table 39-33 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R2

7750 SR 6.0 R2 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆

Table 39-34 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 6.0 R1.

Table 39-34 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 6.0 R1

7750 SR 6.0 R1 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0.

Table 39-35 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R23 to R25.

Table 39-35 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R23 to R25

7750 SR 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 39-36 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R22.

Table 39-36 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R22

7750 SR 5.0 R22 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R22 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R22 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 39-37 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R21.

Table 39-37 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R21

7750 SR 5.0 R21 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R21 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 39-38 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R16 to R20.

Table 39-38 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R16 to R20

7750 SR 5.0 R16 to R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R16 to R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 39-39 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R15.

Table 39-39 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R15

7750 SR 5.0 R15 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R15 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 39-40 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R14.

Table 39-40 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R14

7750 SR 5.0 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 39-41 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R13.

Table 39-41 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R13

7750 SR 5.0 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 39-42 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R12.

Table 39-42 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R12

7750 SR 5.0 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 39-43 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R11.

Table 39-43 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R11

7750 SR 5.0 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 39-44 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R10.

Table 39-44 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R10

7750 SR 5.0 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 39-45 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R8 to R9.

Table 39-45 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R8 to R9

7750 SR 5.0 R8 to R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 39-46 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R5 to R7.

Table 39-46 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R5 to R7

7750 SR 5.0 R5 to R7 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R5 to R7 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 39-47 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R4.

Table 39-47 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R4

7750 SR 5.0 R4 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 39-48 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R3.

Table 39-48 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R3

7750 SR 5.0 R3 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.	◆	◆	◆	◆	◆	◆	◆	◆

Table 39-49 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7750 SR, Release 5.0 R1 to R2.

Table 39-49 Compatibility limitations between 5620 SAM 6.1 and 7750 SR 5.0 R1 to R2

7750 SR 5.0 R1 to R2 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R1 to R2 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆

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40 – 5620 SAM 6.1 compatibility with 7450 ESS

40.1 Release compatibility 40-2

40.2 7450 ESS 6.1 40-3

40.3 7450 ESS 6.0 40-36

40.4 7450 ESS 5.0 40-60

40.1 Release compatibility

Table 40-1 lists the release compatibility between the 5620 SAM, Release 6.1, and the 7450 ESS. Any compatibility limitations are described in sections 40.2, 40.3, and 40.4.

Table 40-1 5620 SAM 6.1 compatibility with 7450 ESS

7450 ESS release	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
7.0 or later	NC	NC	NC	NC	NC	NC	NC	NC
6.1 R20	See Table 40-2.							
6.1 R18 to R19	See Table 40-3.							
6.1 R17	See Table 40-4.							
6.1 R15 to R16	See Table 40-5.							
6.1 R14	See Table 40-6.							
6.1 R13	See Table 40-7.							
6.1 R12	See Table 40-8.							
6.1 R11	See Table 40-9.							
6.1 R9 to R10	See Table 40-10.							
6.1 R7 to R8	See Table 40-11.							
6.1 R6	See Table 40-12.							
6.1 R5	See Table 40-13.							
6.1 R4	See Table 40-14.							
6.1 R3	See Table 40-15.							
6.1 R1 to R2	See Table 40-16.							
6.0 R18 to R19	See Table 40-17.							
6.0 R17	See Table 40-18.							
6.0 R16	See Table 40-19.							
6.0 R15	See Table 40-20.							
6.0 R13 to R14	See Table 40-21.							
6.0 R12	See Table 40-22.							
6.0 R11	See Table 40-23.							
6.0 R10	See Table 40-24.							
6.0 R9	See Table 40-25.							
6.0 R7 to R8	See Table 40-26.							
6.0 R5 to R6	See Table 40-27.							
6.0 R4	See Table 40-28.							
6.0 R3	See Table 40-29.							

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7450 ESS release	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
6.0 R2	See Table 40-30.							
6.0 R1	See Table 40-31.							
5.0 R23 to R25	See Table 40-32.							
5.0 R22	See Table 40-33.							
5.0 R21	See Table 40-34.							
5.0 R16 to R20	See Table 40-35.							
5.0 R15	See Table 40-36.							
5.0 R12 to R14	See Table 40-37.							
5.0 R10 to R11	See Table 40-38.							
5.0 R8 to R9	See Table 40-39.							
5.0 R5 to R7	See Table 40-40.							
5.0 R4	See Table 40-41.							
5.0 R3	See Table 40-42.							
5.0 R1 to R2	See Table 40-43.							

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40.2 7450 ESS 6.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1.

Table 40-2 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R20.

Table 40-2 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R20

7450 ESS 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [613097]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM hi-bwmcst-src default-paths-only parameter. 5620 SAM does not support hi-bwmcst-src default-paths-only parameter. [613041]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	—	—	—	—	—
(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.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 40-3 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R18 to R19.

Table 40-3 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R18 to R19

7450 ESS 6.1 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]	◆	◆	◆	◆	◆	◆	◆	◆
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	—	—	—	—	—
(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.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 40-4 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R17.

Table 40-4 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R17

7450 ESS 6.1 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	—	—	—	—	—
(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.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 40-5 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R15 to R16.

Table 40-5 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R15 to R16

7450 ESS 6.1 R15 to R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R15 to R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R15 to R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	—	—	—	—	—
(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.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 40-6 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R24.

Table 40-6 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R14

7450 ESS 6.1 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	—	—	—	—	—

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7450 ESS 6.1 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 40-7 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R13.

Table 40-7 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R13

7450 ESS 6.1 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	—	—	—	—	—
(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.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 40-8 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R12.

Table 40-8 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R12

7450 ESS 6.1 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	—	—	—	—	—
(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.	◆	◆	◆	—	—	—	—	—

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7450 ESS 6.1 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 40-9 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R11.

Table 40-9 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R11

7450 ESS 6.1 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 40-10 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R9 to R10.

Table 40-10 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R9 to R10

7450 ESS 6.1 R9 to R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R9 to R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R9 to R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 40-11 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R7 to R8.

Table 40-11 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R7 to R8

7450 ESS 6.1 R7 to R8 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R7 to R8 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 40-12 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R6.

Table 40-12 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R6

7450 ESS 6.1 R6 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R6 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 40-13 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R5.

Table 40-13 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R5

7450 ESS 6.1 R5 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R5 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPCChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 40-14 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R4.

Table 40-14 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R4

7450 ESS 6.1 R4 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.1 R4 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 40-15 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R3.

Table 40-15 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R3

7450 ESS 6.1 R3 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 40-16 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.1 R1 to R2.

Table 40-16 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.1 R1 to R2

7450 ESS 6.1 R1 to R2 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

40.3 7450 ESS 6.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0.

Table 40-17 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R18 to R19.

Table 40-17 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R18 to R19

7450 ESS 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 40-18 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R17.

Table 40-18 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R17

7450 ESS 6.0 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—

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7450 ESS 6.0 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—

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Table 40-19 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R16.

Table 40-19 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R16

7450 ESS 6.0 R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 40-20 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R15.

Table 40-20 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R15

7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 40-21 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R13 to R14.

Table 40-21 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R13 to R14

7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 40-22 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R12.

Table 40-22 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R12

7450 ESS 6.0 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 40-23 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R11.

Table 40-23 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R11

7450 ESS 6.0 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 40-24 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R10.

Table 40-24 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R10

7450 ESS 6.0 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 40-25 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R9.

Table 40-25 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R9

7450 ESS 6.0 R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	—	—	—	—	—	—	—

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Table 40-26 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R7 to R8.

Table 40-26 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R7 to R8

7450 ESS 6.0 R7 to R8 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 40-27 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R5 to R6.

Table 40-27 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R5 to R6

7450 ESS 6.0 R5 to R6 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 40-28 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R4.

Table 40-28 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R4

7450 ESS 6.0 R4 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 40-29 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R3.

Table 40-29 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R3

7450 ESS 6.0 R3 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R3 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 40-30 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R2.

Table 40-30 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R2

7450 ESS 6.0 R2 Compatibility Statement	5620 SAM 6.1 Release							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆

Table 40-31 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 6.0 R1.

Table 40-31 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 6.0 R1

7450 ESS 6.0 R1 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

40.4 7450 ESS 5.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 5.0.

Table 40-32 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 5.0 R23 to R25.

Table 40-32 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 5.0 R23 to R25

7450 ESS 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—

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7450 ESS 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—

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Table 40-33 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 5.0 R22.

Table 40-33 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 5.0 R22

7450 ESS 5.0 R22 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R22 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 40-34 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 5.0 R21.

Table 40-34 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 5.0 R21

7450 ESS 5.0 R21 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R21 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 40-35 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 5.0 R16 to R20.

Table 40-35 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 5.0 R16 to R20

7450 ESS 5.0 R16 to R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

Table 40-36 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 5.0 R15.

Table 40-36 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 5.0 R15

7450 ESS 5.0 R15 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

Table 40-37 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 5.0 R12 to R14.

Table 40-37 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 5.0 R12 to R14

7450 ESS 5.0 R12 to R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

Table 40-38 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 5.0 R10 to R11.

Table 40-38 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 5.0 R10 to R11

7450 ESS 5.0 R10 to R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

Table 40-39 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 5.0 R8 to R9.

Table 40-39 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 5.0 R8 to R9

7450 ESS 5.0 R8 to R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R8 to R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 40-40 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 5.0 R5 to R7.

Table 40-40 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 5.0 R5 to R7

7450 ESS 5.0 R5 to R7 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

Table 40-41 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 5.0 R4.

Table 40-41 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 5.0 R4

7450 ESS 5.0 R4 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆

Table 40-42 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 5.0 R3.

Table 40-42 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 5.0 R3

7450 ESS 5.0 R3 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆
Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.	◆	◆	◆	◆	◆	◆	◆	◆

Table 40-43 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7450 ESS, Release 5.0 R1 to R2.

Table 40-43 Compatibility limitations between 5620 SAM 6.1 and 7450 ESS 5.0 R1 to R2

7450 ESS 5.0 R1 to R2 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆

41 — 5620 SAM 6.1 compatibility with 7710 SR

41.1 Release compatibility 41-2

41.2 7710 SR 6.1 41-3

41.3 7710 SR 6.0 41-49

41.4 7710 SR 5.0 41-81

41.1 Release compatibility

Table 41-1 lists the release compatibility between the 5620 SAM, Release 6.1, and the 7710 SR. Any compatibility limitations are described in sections 41.2, 41.3, and 41.4.

Table 41-1 5620 SAM 6.1 compatibility with 7710 SR

7710 SR release	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
7.0 or later	NC	NC	NC	NC	NC	NC	NC	NC
6.1 R20	See Table 41-2.							
6.1 R17 to R19	See Table 41-3.							
6.1 R15 to R16	See Table 41-4.							
6.1 R14	See Table 41-5.							
6.1 R13	See Table 41-6.							
6.1 R12	See Table 41-7.							
6.1 R11	See Table 41-8.							
6.1 R10	See Table 41-9.							
6.1 R9	See Table 41-10.							
6.1 R7 to R8	See Table 41-11.							
6.1 R6	See Table 41-12.							
6.1 R5	See Table 41-13.							
6.1 R4	See Table 41-14.							
6.1 R3	See Table 41-15.							
6.1 R1 to R2	See Table 41-16.							
6.0 R18 to R19	See Table 41-17.							
6.0 R17	See Table 41-18.							
6.0 R16	See Table 41-19.							
6.0 R15	See Table 41-20.							
6.0 R14	See Table 41-21.							
6.0 R13	See Table 41-22.							
6.0 R12	See Table 41-23.							
6.0 R11	See Table 41-24.							
6.0 R10	See Table 41-25.							
6.0 R9	See Table 41-26.							
6.0 R7 to R8	See Table 41-27.							
6.0 R6	See Table 41-28.							
6.0 R5	See Table 41-29.							

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7710 SR release	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
6.0 R4	See Table 41-30.							
6.0 R3	See Table 41-31.							
6.0 R2	See Table 41-32.							
6.0 R1	See Table 41-33.							
5.0 R23 to R25	See Table 41-34.							
5.0 R22	See Table 41-35.							
5.0 R21	See Table 41-36.							
5.0 R16 to R20	See Table 41-37.							
5.0 R15	See Table 41-38.							
5.0 R14	See Table 41-39.							
5.0 R13	See Table 41-40.							
5.0 R12	See Table 41-41.							
5.0 R11	See Table 41-42.							
5.0 R10	See Table 41-43.							
5.0 R5 to R9	See Table 41-44.							
5.0 R4	See Table 41-45.							
5.0 R3	See Table 41-46.							

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41.2 7710 SR 6.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1.

Table 41-2 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R20.

Table 41-2 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R20

7710 SR 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [613097]	◆	◆	◆	◆	◆	◆	◆	◆
IMPM hi-bwmcst-src default-paths-only parameter. 5620 SAM does not support hi-bwmcst-src default-paths-only parameter. [613041]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—

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7710 SR 6.1 R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 41-3 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R17 to R19.

Table 41-3 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R17 to R19

7710 SR 6.1 R17 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]	◆	◆	◆	◆	◆	◆	◆	◆
Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]	◆	◆	◆	◆	◆	◆	◆	◆
Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R17 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R17 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R17 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R17 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 41-4 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R15 to R16.

Table 41-4 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R15 to R16

7710 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R15 to R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 41-5 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R14.

Table 41-5 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R14

7710 SR 6.1 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 41-6 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R13.

Table 41-6 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R13

7710 SR 6.1 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.	◆	◆	◆	◆	◆	◆	◆	◆
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 41-7 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R12.

Table 41-7 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R12

7710 SR 6.1 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 41-8 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R11.

Table 41-8 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R11

7710 SR 6.1 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 41-9 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R10.

Table 41-9 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R10

7710 SR 6.1 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—

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7710 SR 6.1 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 41-10 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R9.

Table 41-10 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R9

7710 SR 6.1 R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—

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7710 SR 6.1 R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 41-11 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R7 to R8.

Table 41-11 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R7 to R8

7710 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—

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7710 SR 6.1 R7 to R8 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—
MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 41-12 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R6.

Table 41-12 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R6

7710 SR 6.1 R6 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R6 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R6 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.	◆	◆	◆	◆	◆	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 41-13 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R5.

Table 41-13 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R5

7710 SR 6.1 R5 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R5 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—
MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 41-14 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R4.

Table 41-14 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R4

7710 SR 6.1 R4 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.	◆	◆	◆	◆	◆	◆	◆	◆
Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R4 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.	◆	◆	—	—	—	—	—	—

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Table 41-15 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R3.

Table 41-15 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R3

7710 SR 6.1 R3 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.1 R3 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 41-16 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.1 R1 to R2.

Table 41-16 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.1 R1 to R2

7710 SR 6.1 R1 to R2 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

41.3 7710 SR 6.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0.

Table 41-17 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R18 to R19.

Table 41-17 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R18 to R19

7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—

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7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 41-18 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R17.

Table 41-18 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R17

7710 SR 6.0 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R17 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 41-19 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R16.

Table 41-19 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R16

7710 SR 6.0 R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R16 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 41-20 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R15.

Table 41-20 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R15

7710 SR 6.0 R15 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R15 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R15 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 41-21 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R14.

Table 41-21 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R14

7710 SR 6.0 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 41-22 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R13.

Table 41-22 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R13

7710 SR 6.0 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 41-23 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R12.

Table 41-23 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R12

7710 SR 6.0 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—

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7710 SR 6.0 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 41-24 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R11.

Table 41-24 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R11

7710 SR 6.0 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	—	—	—	—	—
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 41-25 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R10.

Table 41-25 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R10

7710 SR 6.0 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 41-26 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R9.

Table 41-26 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R9

7710 SR 6.0 R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 41-27 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R7 to R8.

Table 41-27 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R7 to R8

7710 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 41-28 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R6.

Table 41-28 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R6

7710 SR 6.0 R6 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 41-29 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R5.

Table 41-29 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R5

7710 SR 6.0 R5 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	◆	◆	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 41-30 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R4.

Table 41-30 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R4

7710 SR 6.0 R4 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 41-31 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R3.

Table 41-31 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R3

7710 SR 6.0 R3 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM 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 41-32 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R2.

Table 41-32 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R2

7710 SR 6.0 R2 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R2 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 41-33 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 6.0 R1.

Table 41-33 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 6.0 R1

7710 SR 6.0 R1 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

41.4 7710 SR 5.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 5.0.

Table 41-34 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 5.0 R23 to R25.

Table 41-34 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 5.0 R23 to R25

7710 SR 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 41-35 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 5.0 R22.

Table 41-35 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 5.0 R22

7710 SR 5.0 R22 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R22 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—
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.	◆	◆	◆	—	—	—	—	—

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Table 41-36 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 5.0 R21.

Table 41-36 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 5.0 R21

7710 SR 5.0 R21 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R21 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	—	—	—	—	—

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7710 SR 5.0 R21 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	—	—	—	—	—

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Table 41-37 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 5.0 R16 to R20.

Table 41-37 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 5.0 R16 to R20

7710 SR 5.0 R16 to R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R16 to R20 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 41-38 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 5.0 R15.

Table 41-38 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 5.0 R15

7710 SR 5.0 R15 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R15 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 41-39 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 5.0 R14.

Table 41-39 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 5.0 R14

7710 SR 5.0 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R14 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 41-40 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 5.0 R13.

Table 41-40 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 5.0 R13

7710 SR 5.0 R13 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 41-41 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 5.0 R12.

Table 41-41 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 5.0 R12

7710 SR 5.0 R12 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 41-42 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 5.0 R11.

Table 41-42 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 5.0 R11

7710 SR 5.0 R11 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 41-42 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 5.0 R10.

Table 41-43 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 5.0 R10

7710 SR 5.0 R10 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 41-44 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 5.0 R5 to R9.

Table 41-44 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 5.0 R5 to R9

7710 SR 5.0 R5 to R9 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 41-45 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 5.0 R4.

Table 41-45 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 5.0 R4

7710 SR 5.0 R4 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R4 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 41-46 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7710 SR, Release 5.0 R3.

Table 41-46 Compatibility limitations between 5620 SAM 6.1 and 7710 SR 5.0 R3

7710 SR 5.0 R3 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.	◆	◆	◆	◆	◆	◆	◆	◆

42 — 5620 SAM 6.1 compatibility with 7705 SAR

42.1 Release compatibility 42-2

42.2 7705 SAR 1.1 42-2

42.3 7705 SAR 1.0 42-2

42.1 Release compatibility

Table 42-1 lists the release compatibility between the 5620 SAM, Release 6.1, and the 7705 SAR. Any compatibility limitations are described in sections 42.2 and 42.3.

Table 42-1 5620 SAM 6.1 compatibility with 7705 SAR

7705 SAR release	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
2.0 or later	NC	NC	NC	NC	NC	NC	NC	NC
1.1 R2 to R4	NC	NC	See Table 42-2.					
1.1 R1	NC	NC	✓	✓	✓	✓	✓	✓
1.0 R6 to R7	See Table 42-3.		✓	✓	✓	✓	✓	✓
1.0 R3 to R5	✓	✓	✓	✓	✓	✓	✓	✓
1.0 R1 to R2	✓	✓	✓	✓	✓	✓	✓	✓

42.2 7705 SAR 1.1

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.1, and the 7705 SAR, Release 1.1.

Table 42-2 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7705 SAR, Release 1.1 R2 to R4.

Table 42-2 Compatibility limitations between 5620 SAM 6.1 and 7705 SAR 1.1 R2 to R4

7705 SAR 1.1 R2 to R4 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	NC	NC	◆	◆	◆	◆	◆	◆

42.3 7705 SAR 1.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.1, and the 7705 SAR, Release 1.0.

Table 42-3 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7705 SAR, Release 1.0 R6 to R7.

Table 42-3 Compatibility limitations between 5620 SAM 6.1 and 7705 SAR 1.0 R6 to R7

7705 SAR 1.0 R6 to R7 Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 544955) ISSU Upgrade: 5620 SAM does not support ISSU upgrade from 7705 SAR 1.0 R5 to 1.0 R6 or later.	◆	◆	—	—	—	—	—	—

43 – 5620 SAM 6.1 compatibility with 7250 SAS

43.1 Release compatibility 43-2

43.2 7250 SAS 2.0 43-3

43.1 Release compatibility

Table 43-1 lists the release compatibility between the 5620 SAM, Release 6.1, and the 7250 SAS. Any compatibility limitations are described in section 43.2.

Table 43-1 5620 SAM 6.1 compatibility with 7250 SAS

7250 SAS release	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
7250 SAS 3.0 R7 or later	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 3.0 R6 (ESA Chassis Mode)	NC	NC	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R6 (ES Chassis Mode)	NC	NC	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R5 (ESA Chassis Mode)	NC	NC	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R5 (ES Chassis Mode)	NC	NC	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R4.1 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R4.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R3.1 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R3.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R3 (ESA Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 3.0 R3 (ES Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R11 through R13 (ES Chassis Mode)	NC	NC	See Table 43-2.					
7250 SAS 2.0 R11 through R13 (STD Chassis Mode)	NC	NC	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R10 (ES Chassis Mode)	See Table 43-3.							
7250 SAS 2.0 R10 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R9 (ES Chassis Mode)	See Table 43-4.							
7250 SAS 2.0 R9 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8.1 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓

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7250 SAS release	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
7250 SAS 2.0 R8 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R7.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R7.1 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R5.2 or earlier	NC	NC	NC	NC	NC	NC	NC	NC

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43.2 7250 SAS 2.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.1, and the 7250 SAS, Release 2.0.

Table 43-2 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7250 SAS, Release 2.0 R11 through R13 (ES Chassis Mode).

Table 43-2 Compatibility limitations between 5620 SAM 6.1 and 7250 SAS 2.0 R11 through R13 (ES Chassis Mode)

7250 SAS 2.0 R11 through R13 (ES Chassis Mode) Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM	NC	NC	◆	◆	◆	◆	◆	◆

Table 43-3 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7250 SAS, Release 2.0 R10 (ES Chassis Mode).

Table 43-3 Compatibility limitations between 5620 SAM 6.1 and 7250 SAS 2.0 R10 (ES Chassis Mode)

7250 SAS 2.0 R10 (ES Chassis Mode) Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: 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 43-2 describes the compatibility limitations between the 5620 SAM, Release 6.1, and the 7250 SAS, Release 2.0 R9 (ES Chassis Mode).

Table 43-4 Compatibility limitations between 5620 SAM 6.1 and 7250 SAS 2.0 R9 (ES Chassis Mode)

7250 SAS 2.0 R9 (ES Chassis Mode) Compatibility Statement	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM	◆	◆	◆	◆	◆	◆	◆	◆

44 — 5620 SAM 6.1 compatibility with Telco T5 Compact

44.1 Release compatibility 44-2

44.1 Release compatibility

Table 44-1 lists the release compatibility between the 5620 SAM, Release 6.1, the Telco T5 Compact.

Table 44-1 5620 SAM 6.1 compatibility with Telco T5 Compact

Telco T5 Compact release	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
6.5.5	✓	✓	✓	✓	✓	✓	✓	✓
6.5.2	✓	✓	✓	✓	✓	✓	✓	✓
6.3.13	✓	✓	✓	✓	✓	✓	✓	✓
6.3.12	✓	✓	✓	✓	✓	✓	✓	✓
6.3.11	NC	NC	NC	NC	NC	NC	NC	NC
6.3.2	NC	NC	NC	NC	NC	NC	NC	NC
5.10.1	NC	NC	NC	NC	NC	NC	NC	NC

45 — 5620 SAM 6.1 compatibility with OmniSwitch

45.1 Release compatibility 45-2

45.1 Release compatibility

Table 45-1 lists the release compatibility between the 5620 SAM, Release 6.1, and the OmniSwitch.

Table 45-1 5620 SAM 6.1 compatibility with OmniSwitch

OmniSwitch release	5620 SAM 6.1							
	R1	R2	R3	R4	R5	R6	R7	R8
OmniSwitch Series 6.6.2.259 R01 (6250)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.6.1.791 R01 (6250)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.4.4 R01 (6850 / 6850E / 6400 / 6855 / 6855U24X / 9700E / 9800E)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.4.3.717 R01 (6850 / 6400 / 6855(6855U24x) / 9600 / 9700 / 9800 / 9700E / 9800E)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.4.2.968 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.4.621 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.4 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.3.305 R01 (6400)	✓	✓	✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.3.3 R01 (6400)	✓	✓	✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.3.2 R01 (6855)	✓	✓	✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.3.1.1176 R01 (6850)	✓	✓	✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.3.1.1176 R01 (9600 / 9700 / 9800)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.1 R01 (6850)	✓	✓	✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.3.1 R01 (9600 / 9700 / 9800)	NC	NC	NC	NC	NC	NC	NC	NC

5620 SAM 6.0

- 46 – 5620 SAM 6.0 compatibility with 7750 SR**
- 47 – 5620 SAM 6.0 compatibility with 7450 ESS**
- 48 – 5620 SAM 6.0 compatibility with 7710 SR**
- 49 – 5620 SAM 6.0 compatibility with 7705 SAR**
- 50 – 5620 SAM 6.0 compatibility with 7250 SAS**
- 51 – 5620 SAM 6.0 compatibility with Telco T5 Compact**
- 52 – 5620 SAM 6.0 compatibility with OmniSwitch**

46 — 5620 SAM 6.0 compatibility with 7750 SR

46.1 Release compatibility 46-2

46.2 7750 SR 6.0 46-3

46.3 7750 SR 5.0 46-42

46.1 Release compatibility

Table 46-1 lists the release compatibility between the 5620 SAM, Release 6.0, and the 7750 SR. Any compatibility limitations are described in sections 46.2 and 46.3.

Table 46-1 5620 SAM 6.0 compatibility with 7750 SR

7750 SR release	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
6.1 or later	NC	NC	NC	NC	NC	NC	NC	NC
6.0 R18 to R19	See Table 46-2.							
6.0 R17	See Table 46-3.							
6.0 R16	See Table 46-4.							
6.0 R15	See Table 46-5.							
6.0 R14	See Table 46-6.							
6.0 R13	See Table 46-7.							
6.0 R12	See Table 46-8.							
6.0 R11	See Table 46-9.							
6.0 R10	See Table 46-10.							
6.0 R9	See Table 46-11.							
6.0 R7 to R8	See Table 46-12.							
6.0 R6	See Table 46-13.							
6.0 R5	See Table 46-14.							
6.0 R4	See Table 46-15.							
6.0 R3	See Table 46-16.							
6.0 R2	See Table 46-17.							
6.0 R1	See Table 46-18.							
5.0 R23 to R25	See Table 46-19.							
5.0 R22	See Table 46-20.							
5.0 R21	See Table 46-21.							
5.0 R16 to R20	See Table 46-22.							
5.0 R15	See Table 46-23.							
5.0 R14	See Table 46-24.							
5.0 R13	See Table 46-25.							
5.0 R12	See Table 46-26.							
5.0 R11	See Table 46-27.							
5.0 R10	See Table 46-28.							
5.0 R8 to R9	See Table 46-29.							
5.0 R5 to R7	See Table 46-30.							

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7750 SR release	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
5.0 R4	See Table 46-31.							
5.0 R3	See Table 46-32.							
5.0 R1 to R2	See Table 46-33.							

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46.2 7750 SR 6.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0.

Table 46-2 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R18 to R19.

Table 46-2 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R18 to R19

7750 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	—	—	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 46-3 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R17.

Table 46-3 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R17

7750 SR 6.0 R17 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R17 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R17 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	—	—	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—

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7750 SR 6.0 R17 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 46-4 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R16.

Table 46-4 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R16

7750 SR 6.0 R16 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R16 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R16 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R16 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	—	—	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 46-5 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R15.

Table 46-5 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R15

7750 SR 6.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	—	—	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 46-6 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R14.

Table 46-6 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R14

7750 SR 6.0 R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	—	—	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 46-7 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R13.

Table 46-7 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R13

7750 SR 6.0 R13 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R13 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R13 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	—	—	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 46-8 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R12.

Table 46-8 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R12

7750 SR 6.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	—	—	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 46-9 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R11.

Table 46-9 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R11

7750 SR 6.0 R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	—	—	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—

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7750 SR 6.0 R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VRPN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VRPN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VRPN ping (values 1-39) and VRPN trace (values 1-39).	◆	—	—	—	—	—	—	—

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Table 46-10 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R10.

Table 46-10 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R10

7750 SR 6.0 R10 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R10 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R10 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	—	—	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 46-11 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R9.

Table 46-11 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R9

7750 SR 6.0 R9 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R9 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	—	—	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 46-12 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R7 to R8.

Table 46-12 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R7 to R8

7750 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	—	—	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 46-13 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R6.

Table 46-13 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R6

7750 SR 6.0 R6 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	—	—	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R6 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R6 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	—	—	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 46-4 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R5.

Table 46-14 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R5

7750 SR 6.0 R5 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R5 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	—	—	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—

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7750 SR 6.0 R5 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 46-15 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R4.

Table 46-15 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R4

7750 SR 6.0 R4 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R4 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 46-16 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R3.

Table 46-16 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R3

7750 SR 6.0 R3 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

Table 46-17 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R2.

Table 46-17 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R2

7750 SR 6.0 R2 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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 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.	◆	◆	◆	◆	◆	◆	◆	◆

Table 46-18 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 6.0 R1.

Table 46-18 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 6.0 R1

7750 SR 6.0 R1 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 6.0 R1 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	—	—	—	—	—	—	—

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46.3 7750 SR 5.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0.

Table 46-19 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R23 to R25.

Table 46-19 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R23 to R25

7750 SR 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	—	—

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Table 46-20 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R22.

Table 46-20 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R22

7750 SR 5.0 R22 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R22 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R22 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	—	—

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Table 46-19 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R21.

Table 46-21 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R21

7750 SR 5.0 R21 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R21 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R21 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	—	—

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Table 46-22 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R16 to R20.

Table 46-22 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R16 to R20

7750 SR 5.0 R16 to R20 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R16 to R20 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 46-23 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R15.

Table 46-23 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R15

7750 SR 5.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 46-24 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R14.

Table 46-24 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R14

7750 SR 5.0 R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 46-25 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R13.

Table 46-25 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R13

7750 SR 5.0 R13 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R13 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 46-26 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R12.

Table 46-26 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R12

7750 SR 5.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 46-27 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R11.

Table 46-27 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R11

7750 SR 5.0 R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 46-28 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R10.

Table 46-28 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R10

7750 SR 5.0 R10 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 46-27 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R8 to R9.

Table 46-29 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R8 to R9

7750 SR 5.0 R8 to R9 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 46-30 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R5 to R7.

Table 46-30 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R5 to R7

7750 SR 5.0 R5 to R7 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

Table 46-31 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R11.

Table 46-31 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R4

7750 SR 5.0 R4 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7750 SR 5.0 R4 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 46-32 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R3.

Table 46-32 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R3

7750 SR 5.0 R3 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.	◆	◆	◆	◆	◆	◆	◆	◆

Table 46-33 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7750 SR, Release 5.0 R1 to R2.

Table 46-33 Compatibility limitations between 5620 SAM 6.0 and 7750 SR 5.0 R1 to R2

7750 SR 5.0 R1 to R2 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆

47 — 5620 SAM 6.0 compatibility with 7450 ESS

47.1 Release compatibility 47-2

47.2 7450 ESS 6.0 47-3

47.3 7450 ESS 5.0 47-40

47.1 Release compatibility

Table 47-1 lists the release compatibility between the 5620 SAM, Release 6.0, and the 7450 ESS. Any compatibility limitations are described in sections 47.2 and 47.3.

Table 47-1 5620 SAM 6.0 compatibility with 7450 ESS

7450 ESS release	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
6.1 or later	NC	NC	NC	NC	NC	NC	NC	NC
6.0 R18 to R19	See Table 47-2.							
6.0 R17	See Table 47-3.							
6.0 R16	See Table 47-4.							
6.0 R15	See Table 47-5.							
6.0 R13 to R14	See Table 47-6.							
6.0 R12	See Table 47-7.							
6.0 R11	See Table 47-8.							
6.0 R10	See Table 47-9.							
6.0 R9	See Table 47-10.							
6.0 R7 to R8	See Table 47-11.							
6.0 R5 to R6	See Table 47-12.							
6.0 R4	See Table 47-13.							
6.0 R3	See Table 47-14.							
6.0 R2	See Table 47-15.							
6.0 R1	See Table 47-16.							
5.0 R23 to R25	See Table 47-17.							
5.0 R22	See Table 47-18.							
5.0 R21	See Table 47-19.							
5.0 R16 to R20	See Table 47-20.							
5.0 R15	See Table 47-21.							
5.0 R12 to R14	See Table 47-22.							
5.0 R10 to R11	See Table 47-23.							
5.0 R8 to R9	See Table 47-24.							
5.0 R5 to R7	See Table 47-25.							
5.0 R4	See Table 47-26.							
5.0 R3	See Table 47-27.							
5.0 R1 to R2	See Table 47-28.							

47.2 7450 ESS 6.0

The tables in this section detail compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0.

Table 47-2 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R18 to R19.

Table 47-2 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R18 to R19

7450 ESS 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	—	—	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.	◆	◆	—	—	—	—	—	—
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).	◆	—	—	—	—	—	—	—

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Table 47-3 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R17.

Table 47-3 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R17

7450 ESS 6.0 R17 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R17 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R17 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—

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7450 ESS 6.0 R17 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.	◆	◆	—	—	—	—	—	—
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).	◆	—	—	—	—	—	—	—

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Table 47-4 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R16.

Table 47-4 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R16

7450 ESS 6.0 R16 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R16 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	—	—	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R16 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R16 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.	◆	◆	—	—	—	—	—	—
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).	◆	—	—	—	—	—	—	—

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Table 47-5 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R18 to R19.

Table 47-5 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R15

7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.	◆	◆	—	—	—	—	—	—

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7450 ESS 6.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	—	—	—	—	—	—	—

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Table 47-6 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R13 to R14.

Table 47-6 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R13 to R14

7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—

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7450 ESS 6.0 R13 to R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.	◆	◆	—	—	—	—	—	—
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).	◆	—	—	—	—	—	—	—

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Table 47-7 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R12.

Table 47-7 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R12

7450 ESS 6.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—

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7450 ESS 6.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.	◆	◆	—	—	—	—	—	—
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).	◆	—	—	—	—	—	—	—

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Table 47-8 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R11.

Table 47-8 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R11

7450 ESS 6.0 R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—

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7450 ESS 6.0 R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.	◆	◆	—	—	—	—	—	—
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).	◆	—	—	—	—	—	—	—

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Table 47-9 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R10.

Table 47-9 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R10

7450 ESS 6.0 R10 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R10 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R10 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—

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7450 ESS 6.0 R10 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.	◆	◆	—	—	—	—	—	—
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).	◆	—	—	—	—	—	—	—

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Table 47-10 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R9.

Table 47-10 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R9

7450 ESS 6.0 R9 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R9 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R9 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	—	—
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.	◆	◆	—	—	—	—	—	—
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).	◆	—	—	—	—	—	—	—

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Table 47-11 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R7 to R8.

Table 47-11 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R7 to R8

7450 ESS 6.0 R7 to R8 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R7 to R8 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R7 to R8 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.	◆	◆	—	—	—	—	—	—
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).	◆	—	—	—	—	—	—	—

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Table 47-12 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R5 to R6.

Table 47-12 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R5 to R6

7450 ESS 6.0 R5 to R6 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R5 to R6 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.	◆	◆	—	—	—	—	—	—
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).	◆	—	—	—	—	—	—	—

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Table 47-13 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R4.

Table 47-13 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R4

7450 ESS 6.0 R4 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).	◆	◆	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R4 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).	◆	◆	—	—	—	—	—	—
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.	◆	◆	—	—	—	—	—	—
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).	◆	—	—	—	—	—	—	—

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Table 47-14 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R3.

Table 47-14 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R3

7450 ESS 6.0 R3 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R3 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.	◆	◆	—	—	—	—	—	—
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).	◆	—	—	—	—	—	—	—

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Table 47-15 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R2.

Table 47-15 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R2

7450 ESS 6.0 R2 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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 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.	◆	◆	◆	◆	◆	◆	◆	◆

Table 47-16 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 6.0 R1.

Table 47-16 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 6.0 R1

7450 ESS 6.0 R1 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 6.0 R1 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	—	—	—	—	—	—	—

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47.3 7450 ESS 5.0

The tables in this section detail compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 5.0.

Table 47-17 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 5.0 R23 to R25.

Table 47-17 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 5.0 R23 to R25

7450 ESS 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.	◆	◆	◆	◆	◆	◆	—	—

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Table 47-18 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 5.0 R22.

Table 47-18 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 5.0 R22

7450 ESS 5.0 R22 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R22 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.	◆	◆	◆	◆	◆	◆	—	—

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Table 47-19 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 5.0 R21.

Table 47-19 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 5.0 R21

7450 ESS 5.0 R21 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R21 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.	◆	◆	◆	◆	◆	◆	—	—

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Table 47-20 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 5.0 R16 to R20.

Table 47-20 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 5.0 R16 to R20

7450 ESS 5.0 R16 to R20 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R16 to R20 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 47-21 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 5.0 R15.

Table 47-21 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 5.0 R15

7450 ESS 5.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 47-22 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 5.0 R12 to R14.

Table 47-22 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 5.0 R12 to R14

7450 ESS 5.0 R12 to R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R12 to R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 47-23 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 5.0 R10 to R11.

Table 47-23 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 5.0 R10 to R11

7450 ESS 5.0 R10 to R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R10 to R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 47-24 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 5.0 R8 to R9.

Table 47-24 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 5.0 R8 to R9

7450 ESS 5.0 R8 to R9 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

Table 47-25 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 5.0 R5 to R7.

Table 47-25 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 5.0 R5 to R7

7450 ESS 5.0 R5 to R7 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.	◆	◆	◆	◆	◆	◆	◆	◆

Table 47-17 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 5.0 R24.

Table 47-26 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 5.0 R4

7450 ESS 5.0 R4 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆

Table 47-17 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 5.0 R3.

Table 47-27 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 5.0 R3

7450 ESS 5.0 R3 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆

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7450 ESS 5.0 R3 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 47-17 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7450 ESS, Release 5.0 R1 to R2.

Table 47-28 Compatibility limitations between 5620 SAM 6.0 and 7450 ESS 5.0 R1 to R2

7450 ESS 5.0 R1 to R2 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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).	◆	◆	◆	◆	◆	◆	◆	◆

48 — 5620 SAM 6.0 compatibility with 7710 SR

48.1 Release compatibility 48-2

48.2 7710 SR 6.0 48-3

48.3 7710 SR 5.0 48-51

48.1 Release compatibility

Table 48-1 lists the release compatibility between the 5620 SAM, Release 6.0, and the 7710 SR. Any compatibility limitations are described in sections 48.2 and 48.3.

Table 48-1 5620 SAM 6.0 compatibility with 7710 SR

7710 SR release	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
6.1 or earlier	NC	NC	NC	NC	NC	NC	NC	NC
6.0 R18 to R19	See Table 48-2.							
6.0 R17	See Table 48-3.							
6.0 R16	See Table 48-4.							
6.0 R15	See Table 48-5.							
6.0 R14	See Table 48-6.							
6.0 R13	See Table 48-7.							
6.0 R12	See Table 48-8.							
6.0 R11	See Table 48-9.							
6.0 R10	See Table 48-10.							
6.0 R9	See Table 48-11.							
6.0 R7 to R8	See Table 48-12.							
6.0 R6	See Table 48-13.							
6.0 R5	See Table 48-14.							
6.0 R4	See Table 48-15.							
6.0 R3	See Table 48-16.							
6.0 R2	See Table 48-17.							
6.0 R1	See Table 48-18.							
5.0 R23 to R25	See Table 48-19.							
5.0 R22	See Table 48-20.							
5.0 R21	See Table 48-21.							
5.0 R16 to R20	See Table 48-22.							
5.0 R15	See Table 48-23.							
5.0 R14	See Table 48-24.							
5.0 R13	See Table 48-25.							
5.0 R12	See Table 48-26.							
5.0 R11	See Table 48-27.							
5.0 R10	See Table 48-28.							
5.0 R5 to R9	See Table 48-29.							
5.0 R4	See Table 48-30.							

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7710 SR release	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
5.0 R3	See Table 48-31.							

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48.2 7710 SR 6.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0.

Table 48-2 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R18 to R19.

Table 48-2 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R18 to R19

7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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]	◆	◆	◆	◆	◆	◆	◆	◆
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R18 to R19 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 48-3 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R17.

Table 48-3 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R17

7710 SR 6.0 R17 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R17 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R17 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R17 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R17 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 48-4 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R16.

Table 48-4 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R16

7710 SR 6.0 R16 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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.	◆	◆	◆	◆	◆	◆	◆	◆
Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]	◆	◆	◆	◆	◆	◆	◆	◆
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R16 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R16 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R16 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 48-5 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R15.

Table 48-5 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R15

7710 SR 6.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.	◆	◆	◆	◆	◆	◆	◆	◆
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 48-6 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R14.

Table 48-6 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R14

7710 SR 6.0 R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.	◆	◆	◆	◆	◆	◆	◆	◆
PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.	◆	◆	◆	◆	◆	◆	◆	◆
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 48-7 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R13.

Table 48-7 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R13

7710 SR 6.0 R13 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R13 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R13 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R13 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R13 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPNR Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPNR redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 48-8 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R12.

Table 48-8 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R12

7710 SR 6.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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]	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 48-9 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R11.

Table 48-9 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R11

7710 SR 6.0 R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.	◆	◆	◆	◆	◆	◆	◆	◆
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—

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7710 SR 6.0 R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 48-10 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R10.

Table 48-10 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R10

7710 SR 6.0 R10 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(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-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R10 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R10 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—

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7710 SR 6.0 R10 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPNR Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPNR redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 48-11 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R9.

Table 48-11 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R9

7710 SR 6.0 R9 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.	◆	◆	◆	◆	◆	◆	◆	◆
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R9 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R9 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 48-12 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R7 to R8.

Table 48-12 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R7 to R8

7710 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.	◆	◆	◆	◆	◆	◆	◆	◆
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—

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7710 SR 6.0 R7 to R8 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
IP-MTU Support for IES/VPN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPN ping (values 1-39) and VPN trace (values 1-39).	◆	—	—	—	—	—	—	—

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Table 48-13 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R6.

Table 48-13 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R6

7710 SR 6.0 R6 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	◆	◆	◆	◆
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R6 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R6 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPNR Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPNR redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 48-14 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R5.

Table 48-14 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R5

7710 SR 6.0 R5 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	—	—	◆	◆	◆	◆	◆	◆
BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.	—	—	◆	◆	◆	◆	◆	◆
DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.	—	—	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R5 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.	—	—	◆	◆	◆	◆	◆	◆
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.	—	—	◆	◆	◆	◆	◆	◆
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R5 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 48-15 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R4.

Table 48-15 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R4

7710 SR 6.0 R4 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R4 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.	◆	◆	◆	◆	◆	◆	◆	◆
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R4 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.	◆	◆	—	—	—	—	—	—
Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.	◆	◆	—	—	—	—	—	—
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 48-16 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R3.

Table 48-16 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R3

7710 SR 6.0 R3 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
VLL CAC. 5620 SAM does not support VLL CAC.	◆	◆	◆	◆	◆	◆	◆	◆
IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).	◆	◆	◆	◆	◆	◆	◆	◆
L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.	◆	◆	◆	◆	◆	◆	◆	◆
Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).	◆	◆	◆	◆	◆	◆	◆	◆
MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 6.0 R3 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.	◆	◆	◆	◆	◆	◆	◆	◆
tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.	◆	◆	—	—	—	—	—	—
IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.	◆	◆	—	—	—	—	—	—
OAM 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).	◆	—	—	—	—	—	—	—

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Table 48-17 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R2.

Table 48-17 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R2

7710 SR 6.0 R2 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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 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.	◆	◆	◆	◆	◆	◆	◆	◆

Table 48-18 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 6.0 R1.

Table 48-18 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 6.0 R1

7710 SR 6.0 R1 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	—	—	—	—	—	—	—

48.3 7710 SR 5.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 5.0.

Table 48-19 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 5.0 R23 to R25.

Table 48-19 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 5.0 R23 to R25

7710 SR 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.	◆	◆	◆	◆	◆	◆	◆	◆
MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R23 to R25 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	—	—

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Table 48-20 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 5.0 R22.

Table 48-20 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 5.0 R22

7710 SR 5.0 R22 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.	◆	◆	◆	◆	◆	◆	◆	◆
P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R22 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	—	—

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Table 48-21 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 5.0 R21.

Table 48-21 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 5.0 R21

7710 SR 5.0 R21 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R21 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(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.	◆	◆	◆	◆	◆	◆	—	—

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Table 48-22 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 5.0 R16 to R20.

Table 48-22 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 5.0 R16 to R20

7710 SR 5.0 R16 to R20 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R16 to R20 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 48-23 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 5.0 R15.

Table 48-23 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 5.0 R15

7710 SR 5.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R15 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 48-24 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 5.0 R14.

Table 48-24 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 5.0 R14

7710 SR 5.0 R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R14 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 48-25 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 5.0 R13.

Table 48-25 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 5.0 R13

7710 SR 5.0 R13 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R13 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 48-26 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 5.0 R12.

Table 48-26 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 5.0 R12

7710 SR 5.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.	◆	◆	◆	◆	◆	◆	◆	◆
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R12 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 48-27 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 5.0 R11.

Table 48-27 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 5.0 R11

7710 SR 5.0 R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.	◆	◆	◆	◆	◆	◆	◆	◆
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R11 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 48-28 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 5.0 R10.

Table 48-28 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 5.0 R10

7710 SR 5.0 R10 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R10 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 48-29 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 5.0 R5 to R9

Table 48-29 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 5.0 R5 to R9

7710 SR 5.0 R5 to R9 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R5 to R9 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
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.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.	◆	◆	◆	◆	◆	◆	◆	◆
OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 48-30 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 5.0 R4.

Table 48-30 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 5.0 R4

7710 SR 5.0 R4 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
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.	◆	◆	◆	◆	◆	◆	◆	◆

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7710 SR 5.0 R4 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆

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Table 48-31 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7710 SR, Release 5.0 R3.

Table 48-31 Compatibility limitations between 5620 SAM 6.0 and 7710 SR 5.0 R3

7710 SR 5.0 R3 Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OAM 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).	◆	◆	◆	◆	◆	◆	◆	◆
ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.	◆	◆	◆	◆	◆	◆	◆	◆
LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.	◆	◆	◆	◆	◆	◆	◆	◆

49 – 5620 SAM 6.0 compatibility with 7705 SAR

49.1 Release compatibility 49-2

49.1 Release compatibility

Table 49-1 lists the release compatibility between the 5620 SAM, Release 6.0, and the 7705 SAR.

Table 49-1 5620 SAM 6.0 compatibility with 7705 SAR

7705 SAR release	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
1.0 R3 or earlier	NC	NC	NC	NC	NC	NC	NC	NC
1.0 R1 to R2	NC	✓	✓	✓	✓	✓	✓	✓

50 – 5620 SAM 6.0 compatibility with 7250 SAS

50.1 Release compatibility 50-2

50.2 7250 SAS 2.0 50-3

50.1 Release compatibility

Table 50-1 lists the release compatibility between the 5620 SAM, Release 6.0, and the 7250 SAS. Any compatibility limitations are described in section 50.2.

Table 50-1 5620 SAM 6.0 compatibility with 7250 SAS

7250 SAS release	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
7250 SAS 3.0 R4.1 or later	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 3.0 R3.1 (ESA Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R3.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 3.0 R3 (ESA Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 3.0 R3 (ES Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R11 to R13 (ES Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R11 to R13 (STD Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R10 (ES Chassis Mode)	NC	NC	NC	NC	See Table 50-2.			
7250 SAS 2.0 R10 (STD Chassis Mode)	NC	NC	NC	NC	✓	✓	✓	✓
7250 SAS 2.0 R9 (ES Chassis Mode)	See Table 50-3.							
7250 SAS 2.0 R9 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8.1 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R8 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R7.1 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R7.1 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R5.2 (ES Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 2.0 R5.2 (STD Chassis Mode)	✓	✓	✓	✓	✓	✓	✓	✓

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7250 SAS release	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
7250 SAS 2.0 R5.1 (ES Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R5.1 (STD Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R5 (ES Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R5 (STD Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R1 (ES Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 2.0 R3 (STD Chassis Mode)	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 1.0 R8	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 1.0 R7	✓	✓	✓	✓	✓	✓	✓	✓
7250 SAS 1.0 R6.1	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 1.0 R5	NC	NC	NC	NC	NC	NC	NC	NC
7250 SAS 1.0 R3	NC	NC	NC	NC	NC	NC	NC	NC

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50.2 7250 SAS 2.0

The tables in this section describe compatibility limitations between the 5620 SAM, Release 6.0, and the 7250 SAS, Release 3.0.

Table 50-2 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7250 SAS, Release 2.0 R10 (ES Chassis Mode).

Table 50-2 Compatibility limitations between 5620 SAM 6.0 and 7250 SAS 2.0 R10 (ES Chassis Mode)

7250 SAS 2.0 R10 (ES Chassis Mode) Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM	NC	NC	NC	NC	◆	◆	◆	◆

Table 50-3 describes the compatibility limitations between the 5620 SAM, Release 6.0, and the 7250 SAS, Release 2.0 9 R9 (ES Chassis Mode).

Table 50-3 Compatibility limitations between 5620 SAM 6.0 and 7250 SAS 2.0 R9 (ES Chassis Mode)

7250 SAS 2.0 R9 (ES Chassis Mode) Compatibility Statement	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM	◆	◆	◆	◆	◆	◆	◆	◆

51 — 5620 SAM 6.0 compatibility with Telco T5 Compact

51.1 Release compatibility 51-2

51.1 Release compatibility

Table 51-1 lists the release compatibility between the 5620 SAM, Release 6.0, and the Telco T5 Compact.

Table 51-1 5620 SAM 6.0 compatibility with Telco T5 Compact

Telco T5 Compact release	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
6.5.5	✓	✓	✓	✓	✓	✓	✓	✓
6.5.2	✓	✓	✓	✓	✓	✓	✓	✓
6.3.13	✓	✓	✓	✓	✓	✓	✓	✓
6.3.12	✓	✓	✓	✓	✓	✓	✓	✓
6.3.11	NC	NC	NC	NC	NC	NC	NC	NC
6.3.2	NC	NC	NC	NC	NC	NC	NC	NC
5.10.1	NC	NC	NC	NC	NC	NC	NC	NC

52 — 5620 SAM 6.0 compatibility with OmniSwitch

52.1 Release compatibility 52-2

52.1 Release compatibility

Table 52-1 lists the release compatibility between the 5620 SAM, Release 6.0, and the OmniSwitch.

Table 52-1 5620 SAM 6.0 compatibility with OmniSwitch

OmniSwitch release	5620 SAM 6.0							
	R1	R2	R3	R4	R5	R6	R7	R8
OmniSwitch Series 6.6.2.259 R01 (6250)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.6.1.791 R01 (6250)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.4.4 R01 (6850 / 6850E / 6400 / 6855 / 6855U24X / 9700E / 9800E)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.4.3.717 R01 (6850 / 6400 / 6855(6855U24x) / 9600 / 9700 / 9800 / 9700E / 9800E)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.4.2.968 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.4.621 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.4 R01 (6850 / 6400 / 6855 / 9600 / 9700 / 9800)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.3.305 R01 (6400)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.3 R01 (6400)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.2 R01 (6855)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.1.1176 R01 (6850)	✓	✓	✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.3.1.1176 R01 (9600 / 9700 / 9800)	NC	NC	NC	NC	NC	NC	NC	NC
OmniSwitch Series 6.3.1 R01 (6850)	✓	✓	✓	✓	✓	✓	✓	✓
OmniSwitch Series 6.3.1 R01 (9600 / 9700 / 9800)	NC	NC	NC	NC	NC	NC	NC	NC

Appendix

A. Document Release History A-1

A. *Document Release History*

A.1 Document release history A-2

A.1 Document release history

Table A-1 describes the changes in each release of the *5620 SAM Network Element Compatibility Guide*.

Table A-1 5620 SAM Network Element Compatibility Guide version 1.0 release history

Document release	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 table to describe compatibility issues with 7450 ESS 2.0 R10
1.2	March 2, 2006	Section 2.1.1 - Created 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 - Created 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 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 to 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
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

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Document release	Issue date	Description of changes
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 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
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 SAS support
1.23	April 18, 2007	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
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

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A. Document Release History

Document release	Issue date	Description of changes
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
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

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Document release	Issue date	Description of changes
1.39	February 25, 2008	General - Document updated for 7750 SR 5.0 R12 and 7450 ESS 5.0 R12 General - Document updated for 7710 SR 5.0 R12 General - Document updated for 7750 SR 4.0 R19 and 7450 ESS 4.0 R19 General - Document updated for 7250 SAS 2.0 R8 General - Document updated for 7250 SAS 2.0 R8.1 Correction - Update made for OAM tests ranges for 7x50 4.0 routers
1.40	March 24, 2008	General - Document updated for 7750 SR 5.0 R13 and 7450 ESS 5.0 R13 General - Document updated for 7710 SR 5.0 R13
1.41	April 14, 2008	General - Document updated for 5620 SAM 5.0 R10
1.42	April 25, 2008	General - Document updated for 5620 SAM 6.0 R1 General - Document updated for 7750 SR 6.0 R2 and 7450 ESS 6.0 R2 General - Document updated for 7710 SR 6.0 R2 General - Document updated for 7750 SR 6.0 R1 and 7450 ESS 6.0 R1 General - Document updated for 7710 SR 6.0 R1 General - Document updated for 7750 SR 5.0 R14 and 7450 ESS 5.0 R14 General - Document updated for 7710 SR 5.0 R14 General - Document updated for 7250 SAS 3.0 R3 (Pending official release) General - Document updated for OmniSwitch 6850 Series 6.3.1 R01
1.43	May 5, 2008	General - Document updated for 7750 SR 6.0 R3 and 7450 ESS 6.0 R3 General - Document updated for 7710 SR 6.0 R3 General - Document updated for 7250 SAS 3.0 R3 (official release)
1.44	May 9, 2008	General - Document updated for 7250 SAS 3.0 R3.1
1.45	May 20, 2008	General - Document updated for 5620 SAM 6.0 R2 General - Document updated for 7705 SAR 1.0 R1
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

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A. Document Release History

Document release	Issue date	Description of changes
1.51	August 27, 2008	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
1.52	September 24, 2008	General - Document updated for 5620 SAM 6.1 R1 General - Document updated for 7750 SR 6.1 R2 and 7450 ESS 6.1 R2 General - Document updated for 7710 SR 6.1 R2 General - Document updated for 7750 SR 6.1 R1 and 7450 ESS 6.1 R1 General - Document updated for 7710 SR 6.1 R1 General - Document updated for 7750 SR 6.0 R8 and 7450 ESS 6.0 R8 General - Document updated for 7710 SR 6.0 R8 General - Document updated for 7750 SR 5.0 R19 and 7450 ESS 5.0 R19 General - Document updated for 7710 SR 5.0 R19 General - Document updated for 7705 SAR 1.0 R5 General - Document updated for OmniSwitch 6855 Series 6.3.2 R01 General - Document updated for OmniSwitch 6400 Series 6.3.3 R01
1.53	October 1, 2008	General - Document updated for 7750 SR 6.1 R3 and 7450 ESS 6.1 R3 General - Document updated for 7710 SR 6.1 R3
1.54	October 23, 2008	General - Document updated for 5620 SAM 6.0 R6 General - Document updated for 7750 SR 5.0 R20 and 7450 ESS 5.0 R20 General - Document updated for 7710 SR 5.0 R20 General - Document updated for 7705 SAR 1.0 R6 General - Document updated for 7250 SAS 3.0 R4.1
1.55	November 5, 2008	General - Document updated for 5620 SAM 6.1 R2 General - Document updated for 7750 SR 6.0 R9 and 7450 ESS 6.0 R9 General - Document updated for 7710 SR 6.0 R9 General - Document updated for 7750 SR 6.1 R4 and 7450 ESS 6.1 R4 General - Document updated for 7710 SR 6.1 R4
1.56	November 6, 2008	Correction - Document corrected for IOM Soft Reset support
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

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Document release	Issue date	Description of changes
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
1.65	April 22, 2009	General - Document updated for 5620 SAM 7.0 R1 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R2 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R1 General - Document updated for 7705 SAR 2.0 R2 General - Document updated for 7705 SAR 2.0 R1 General - Document updated for 7210 SAS-E 1.0 R3 General - Document updated for 7250 SAS 2.0 R13 General - Document updated for OmniSwitch 9600 Series 6.3.1 R01 General - Document updated for OmniSwitch 9700 Series 6.3.1 R01 General - Document updated for OmniSwitch 9800 Series 6.3.1 R01
1.66	May 1, 2009	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R12 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 5.0 R23
1.67	May 6, 2009	General - Document updated for OmniSwitch 6850 Series 6.3.1.1085 R01 General - Document updated for OmniSwitch 6400 Series 6.3.3.305 R01
1.68	May 8, 2009	General - Document updated for 5620 SAM 6.1 R6
1.69	May 22, 2009	General - Document updated for 5620 SAM 7.0 R2 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R9 General - Document updated for 7705 SAR 2.0 R3
1.70	June 4, 2009	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R3 General - Document updated for 7210 SAS-E 1.0 R4 General - Document updated for 7250 SAS 3.0 R7
1.71	June 24, 2009	General - Document updated for 5620 SAM 7.0 R3 General - Document updated for 9500 MPR 1.2.0
1.72	July 23, 2009	General - Document updated for 5620 SAM 6.1 R7 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R13 General - Document updated for 7705 SAR 2.0 R4 General - Document updated for 7705 SAR 1.1 R4 General - Document updated for OmniSwitch 6850 Series 6.3.1.1116 R01 General - Document updated for OmniSwitch 9600 Series 6.3.1.1116 R01 General - Document updated for OmniSwitch 9700 Series 6.3.1.1116 R01 General - Document updated for OmniSwitch 9800 Series 6.3.1.1116 R01

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A. Document Release History

Document release	Issue date	Description of changes
1.73	September 16, 2009	General - Document updated for 5620 SAM 7.0 R4 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R4 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R10 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R14 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 5.0 R24 General - Document updated for 7210 SAS-E 1.0 R5 General - Document updated for OmniSwitch 6400 Series 6.3.4 R01 General - Document updated for OmniSwitch 6850 Series 6.3.4 R01 General - Document updated for OmniSwitch 6855 Series 6.3.4 R01 General - Document updated for OmniSwitch 9600 Series 6.3.4 R01 General - Document updated for OmniSwitch 9700 Series 6.3.4 R01 General - Document updated for OmniSwitch 9800 Series 6.3.4 R01 General - Document updated for 7250 SAS 3.0 R8
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
1.76	October 16, 2009	General - Document updated for 5620 SAM 7.0 R5 General - Document updated for 7705 SAR 2.1 R2 General - Document updated for 7705 SAR 2.1 R1 General - Document updated for 7705 SAR 2.0 R5 General - Document updated for 7210 SAS-E 1.1 R3 General - Document updated for 7210 SAS-M 1.1 R3 General - Document updated for OmniSwitch 6400 Series 6.3.4.483 R01 General - Document updated for OmniSwitch 6850 Series 6.3.4.483 R01 General - Document updated for OmniSwitch 6855 Series 6.3.4.483 R01 General - Document updated for OmniSwitch 9600 Series 6.3.4.483 R01 General - Document updated for OmniSwitch 9700 Series 6.3.4.483 R01 General - Document updated for OmniSwitch 9800 Series 6.3.4.483 R01 General - Document updated for 9500 MPR ANSI 2.0.0 General - Document updated for 9500 MPR ETSI 1.2.2 General - Document updated for 9500 MPR ETSI 1.2.1
1.77	November 9, 2009	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R15 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 5.0 R25
1.78	November 20, 2009	General - Document updated for 5620 SAM 6.1 R8 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R12
1.79	December 12, 2009	General - Document updated for 5620 SAM 7.0 R6 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R6 General - Document updated for 7210 SAS-E 1.1 R4 General - Document updated for 7210 SAS-M 1.1 R4
1.80	December 29, 2009	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R13 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R16 General - Document updated for 7705 SAR 2.1 R3 General - Document updated for 7210 SAS-E 1.1 R5 General - Document updated for 7210 SAS-M 1.1 R5
1.81	February 3, 2010	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R7 General - Document updated for 7250 SAS 2.0 R10

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Document release	Issue date	Description of changes
1.82	March 22, 2010	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R8 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R14 General - Document updated for 7210 SAS-E 1.1 R6 General - Document updated for 7210 SAS-M 1.1 R6 General - Document updated for 7210 SAS-E 1.0 R6
1.83	April 21, 2010	General - Document updated for 5620 SAM 8.0 R1 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R2 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R1 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R9 General - Document updated for 7705 SAR 3.0 R1 General - Document updated for 7210 SAS-M 24F 2XFP 1.1 R6 General - Document updated for 7250 SAS 3.0 R9 General - Document updated for OmniSwitch 6850 / 6400 / 6855 Series 6.3.4.570 R01 General - Document updated for OmniSwitch 9600 / 9700 / 9800 Series 6.3.4.570 R01 General - Document updated for OmniSwitch 9700E / 9800E Series 6.4.2.933 R01 General - Document updated for OmniSwitch 6250 Series 6.6.1.699 R01 General - Document updated for 9500 MPR ANSI 2.0.1 General - Document updated for 9500 MPR ETSI 1.3 General - Updated OLCS URL for obtaining <i>5620 SAM Network Element Compatibility Guide</i> updates
1.84	May 14, 2010	General - Document updated for 5620 SAM 7.0 R7 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R15 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R17 General - Document updated for 9500 MPR ETSI 1.3.1 General - Document updated for 7705 SAR 2.1 R4 General - Document updated for 7210 SAS-E 1.1 R7 General - Document updated for 7210 SAS-M 1.1 R7 General - Document updated for 7210 SAS-M 24F 2XFP 1.1 R7
1.85	June 1, 2010	General - Document updated for 5620 SAM 8.0 R2
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 24F 2XFP 2.0 R1 General - Document updated for 7210 SAS-M 24F 2XFP 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 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 24F 2XFP 1.1 R8

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A. Document Release History

Document release	Issue date	Description of changes
1.87	June 30, 2010	General - Document updated for OmniSwitch Series 6.6.1.728 R01 [6250] General - Document updated for OmniSwitch Series 6.4.2.954 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E] General - Document updated for OmniSwitch Series 6.3.4.601 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800] General - Document updated for OmniSwitch Series 6.3.1.1176 R01 [6850 / 9600 / 9700 / 9800] General - Miscellaneous corrections
1.88	July 23, 2010	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R16 General - Document updated for 7210 SAS-E / SAS-M 1.1 R9 General - Document updated for 7210 SAS-M 24F 2XFP 1.1 R9 General - Document updated for 7210 SAS-M 24F 2XFP ETR 1.1 R9 General - Document updated for 7210 SAS-M 24F 2XFP ETR 1.1 R8 General - Document updated for 7750 MG 2.0 R2 General - Document updated for 7750 MG 2.0 R1 General - Document updated for 5780 DSC 2.0 R1
1.89	August 3, 2010	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R12 General - Document updated for 9500 MPR ANSI 2.2 General - Updates/corrections for 9500 MPR 2.1 General - Updates/corrections for 7210 SAS 1.1
1.90	August 26, 2010	General - Document updated for 5620 SAM 8.0 R4 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R18 General - Document updated for 7705 SAR 3.0 R3 General - Document updated for 7210 SAS-E / SAS-M 2.0 R2 General - Document updated for 7210 SAS-M 24F2XFP 2.0 R2 General - Document updated for 7210 SAS-M 24F 2XFP ETR 2.0 R2 General - Document updated for OmniSwitch Series 6.6.2.242 R01 [6250] General - Document updated for 7750 MG 2.0 R3 General - Document updated for 7750 MG 2.0 R4
1.91	August 28, 2010	General - Document updated for 5620 SAM 7.0 R8
1.92	September 9, 2010	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R4 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R13 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R17 General - Document updated for 7210 SAS-E / SAS-M 2.0 R3 General - Document updated for 7210 SAS-M 24F 2XFP 2.0 R3 General - Document updated for 7210 SAS-M 24F 2XFP ETR 2.0 R3

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Document release	Issue date	Description of changes
1.93	October 22, 2010	General - Document updated for 5620 SAM 8.0 R5 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R5 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R18 General - Document updated for 7705 SAR 3.0 R4 General - Document updated for 7210 SAS-E / SAS-M 2.0 R4 General - Document updated for 7210 SAS-M 24F 2XFP 2.0 R4 General - Document updated for 7210 SAS-M 24F 2XFP ETR 2.0 R4 General - Document updated for 7210 SAS-E / SAS-M 1.1 R10 General - Document updated for 7210 SAS-M 24F 2XFP 1.1 R10 General - Document updated for 7750 MG 2.0 R8 General - Document updated for 9412 / 9926 eNodeB LA2.0.2 MIB Ed.02p05, MIM5.3.8 General - Document updated for OmniSwitch Series 6.6.2.249 R01 [6250] General - Document updated for OmniSwitch Series 6.4.3.640 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E] General - Document updated for 9500 MPR ETSI 2.1 General - Document updated for 9500 MPR ANSI 1.2
1.94	November 2, 2010	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R14 General - Corrections made for supported eNodeB MIB and MIM versions
1.95	November 26, 2010	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R6 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R19 General - Document updated for 7210 SAS-E / SAS-M 2.0 R5 General - Document updated for 7210 SAS-M 24F 2XFP 2.0 R5 General - Document updated for 7210 SAS-M 24F 2XFP ETR 2.0 R5 General - Document updated for 7210 SAS-X 2.0 R5
1.96	November 27, 2010	General - Document updated for 5620 SAM 8.0 R6 General - Document updated for 9412 / 9926 eNodeB LA3.0.0 MIB Ed.03p06.1, MIM7.5.1 General - Updated OLCS URL for obtaining <i>5620 SAM Network Element Compatibility Guide</i> updates
1.97	December 17, 2010	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R19 General - Correction made for supported eNodeB LA3.0 MIB and MIM version
1.98	December 20, 2010	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R15

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A. Document Release History

Document release	Issue date	Description of changes
1.99	January 19, 2011	<p>General - Document updated for 5620 SAM 8.0 R7</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R7</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R16</p> <p>General - Document updated for 7210 SAS-E / SAS-M 3.0 R1</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP 3.0 R1</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP ETR 3.0 R1</p> <p>General - Document updated for 7210 SAS-X 3.0 R1</p> <p>General - Document updated for 7210 SAS-E / SAS-M 1.1 R11</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP 1.1 R11</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP ETR 1.1 R11</p> <p>General - Document updated for 7750 MG 2.0 R14</p> <p>General - Document updated for 9412 / 9926 eNodeB LA3.0.1 / LA3.0.2 MIB Ed.03p06.1, MIM7.5.1</p> <p>General - Document updated for OmniSwitch Series 6.6.1.791 R01 [6250]</p> <p>General - Document updated for OmniSwitch Series 6.4.3.668 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E]</p> <p>General - Document updated for OmniSwitch Series 6.4.2.968 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E]</p> <p>General - Document updated for OmniSwitch Series 6.3.4.621 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800]</p> <p>General - Document updated for 9500 MPR ANSI 2.2.1</p> <p>General - Document updated for 1830 PSS-32 Release 2.5.1</p> <p>General - Document updated for 1830 PSS-32 Release 2.5.0</p> <p>General - Document updated for 1830 PSS-16 Release 2.5.1</p> <p>General - Document updated for 1830 PSS-16 Release 2.5.0</p> <p>General - Document updated for 1830 PSS-1 GBEH Release 2.5.0</p> <p>General - Document updated for 1830 PSS-1 MD4H Release 1.5.0</p> <p>General - Document updated for 1830 PSS-1 AHP Release 1.0</p>
1.100	March 29, 2011	<p>General - Document updated for 5620 SAM 8.0 R8</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R9</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R17</p> <p>General - Document updated for 7210 SAS-E / SAS-M 2.0 R6</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP 2.0 R6</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP ETR 2.0 R6</p> <p>General - Document updated for 7210 SAS-X 2.0 R6</p> <p>General - Document updated for 9471 MME LM3.0 (R22.30.02)</p>

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Document release	Issue date	Description of changes
1.101	April 15, 2011	<p>General - Document updated for 5620 SAM 9.0 R1</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 9.0 R2</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 9.0 R1</p> <p>General - Document updated for 7705 SAR 4.0 R2</p> <p>General - Document updated for 7705 SAR 4.0 R1</p> <p>General - Document updated for 7210 SAS-E / SAS-M 3.0 R3</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP 3.0 R3</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP ETR 3.0 R3</p> <p>General - Document updated for 7210 SAS-X 3.0 R3</p> <p>General - Document updated for 7210 SAS-E / SAS-M 3.0 R2</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP 3.0 R2</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP ETR 3.0 R2</p> <p>General - Document updated for 7210 SAS-X 3.0 R2</p> <p>General - Document updated for 7210 SAS-E / SAS-M 2.0 R7</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP 2.0 R7</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP ETR 2.0 R7</p> <p>General - Document updated for 7210 SAS-X 2.0 R7</p> <p>General - Document updated for 7210 SAS-E / SAS-M 1.1 R12</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP 1.1 R12</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP ETR 1.1 R12</p> <p>General - Document updated for 7750 MG 3.0 R1</p> <p>General - Document updated for OmniSwitch Series 6.6.2.259 R01 [6250]</p> <p>General - Document updated for OmniSwitch Series 6.4.3.717 R01 [6850 / 6400 / 6855[6855U24x] / 9600 / 9700 / 9800 / 9700E / 9800E]</p> <p>General - Document updated for 9500 MPR ANSI 3.0</p> <p>General - Document updated for 9500 MPR ETSI 3.0</p> <p>General - Document updated for 9412 / 9926 eNodeB TLA3.0.2 MIB Ed.03p07, MIM 8.3.1</p> <p>General - Document updated for 9412 / 9926 eNodeB TLA3.0 MIB Ed.03p07, MIM 8.3.1</p> <p>General - Document updated for 9412 / 9926 eNodeB TLA2.1 MIB Ed.02p06, MIM 6.4.1</p>
1.102	April 18, 2011	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R18
1.103	April 19, 2011	<p>General - Document updated for 7750 MG 2.0 R18</p> <p>General - Document updated for 7750 MG 2.0 R17</p> <p>General - Document updated for 7750 MG 2.0 R16</p> <p>General - Document updated for 7750 MG 2.0 R15</p> <p>General - Document updated for 5780 DSC 3.0 R1</p> <p>General - Document updated for 5780 DSC 2.0 R2</p>

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A. Document Release History

Document release	Issue date	Description of changes
1.104	May 10, 2011	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R19 General - Document formatting changes General - Miscellaneous document corrections General - Document updated for 7750 MG 3.0 R2 General - Document updated for 7210 SAS-D 3.0 R4 General - Document updated for 7210 SAS-E 3.0 R4 General - Document updated for 7210 SAS-M 3.0 R4 General - Document updated for 7210 SAS-X 3.0 R1 to R4 General - Document updated for 7210 SAS-X 2.0 R6 to R7 General - Document updated for 7210 SAS-M 24F 2XFP 3.0 R4 General - Document updated for 7210 SAS-M 24F 2XFP ETR 3.0 R4 General - Document updated for OmniSwitch Series 6.4.4 R01 [6850 / 6850E / 6400 / 6855 / 6855U24X / 9700E / 9800E]
1.105	May 18, 2011	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 9.0 R3 General - Document updated for 7750 MG 3.0 R2 General - Document updated for OmniSwitch
1.106	May 30, 2011	General - Document updated for 7210 SAS-E 2.0 R8 General - Document updated for 7210 SAS-M 2.0 R8 General - Document updated for 7210 SAS-M 24F 2XFP 2.0 R8 General - Document updated for 7210 SAS-M 24F 2XFP ETR 2.0 R8 General - Document updated for 7210 SAS-X 2.0 R8 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R10
1.107	June 8, 2011	General - Document updated for 5620 SAM 9.0 R2 General - Document updated for 7705 SAR 3.0 R5 and R6
1.108	July 5, 2011	General - Document updated for 7705 SAR 4.0 R1 to R2 General - Alcatel-Lucent 5620 SAM Documentation Set General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R10 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R20
1.109	July 15, 2011	General - Document updated for 7750 MG 2.0 R19 General - Document updated for 9471 MME LM4.0.1 (R 24.40.08) General - Document updated for 7705 SAR 4.0 R1 to R2 General - Document updated for 7705 SAR 4.0 R3 to R4 General - Document updated for 7705 SAR 3.0 R3 to R6 General - Document updated for 1830 PSS-32 Release 3.5 General - Document updated for 1830 PSS-16 Release 3.5 General - Document updated for 1830 PSS-1 GBEH Release 2.7 General - Document updated for 1830 PSS-1 MD4H Release 1.7 General - Document updated for 1830 PSS-4 Release 1.5 General - Document updated for 5620 SAM 9.0 R3
1.110	July 19, 2011	General - Document updated for 7210 SAS 3.0 R5 General - Document updated for OmniSwitch Series 6.6.2.293 R01 [6250] General - Document updated for OmniSwitch Series 6.6.1.835 R01 [6250] General - Document updated for 5620 SAM 9.0 R3
1.111	July 20, 2011	General - Document updated for 5620 SAM 9.0 R3
1.112	July 21, 2011	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R11

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Document release	Issue date	Description of changes
1.113	August 5, 2011	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 9.0 R4 General - Document updated for 7750 MG 3.0 R4/R5
1.114	August 12, 2011	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 9.0 R5
1.115	August 25, 2011	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R20 General - Document updated for 7210 SAS 3.0 R6 General - Document converted from Microsoft Word to Adobe FrameMaker General - Document divided into volumes according to 5620 SAM release; volumes divided into chapters according to network element General - Release compatibility tables added General - Compatibility limitation tables converted to matrix format General - Content specific to 5620 SAM 5.0 and below expunged General - Content specific to 7750 SR 4.0 and below expunged General - Content specific to 7450 ESS 4.0 and below expunged General - Content specific to 7710 SR 3.0 expunged
1.116	September 2, 2011	General - Document updated for 5620 SAM 9.0 R4
1.117	September 9, 2011	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R12

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A. Document Release History

Document release	Issue date	Description of changes
1.118	October 19, 2011	<p>General - Document updated for 5620 SAM 9.0 R5</p> <p>General - Document updated for OmniSwitch Series 6.3.4.621 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800]</p> <p>General - Document updated for OmniSwitch Series 6.4.3.779 R01 [9700E / 9800E]</p> <p>General - Document updated for OmniSwitch Series 6.4.3.810 R01 [6850 / 6400 / 6855 (6855U24X) / 9600 / 9700 / 9800]</p> <p>General - Document updated for OmniSwitch Series 6.4.4.373 R01 [6850 / 6850E / 6400 / 6855 / 6855U24X / 9700E / 9800E]</p> <p>General - Document updated for OmniSwitch Series 6.6.1.848 R01 [6250]</p> <p>General - Document updated for OmniSwitch Series 6.6.2.309 R01 [6250]</p> <p>General - Document updated for 1830 PSS</p> <p>General - Document updated for 5780 DSC 4.0 R1</p> <p>General - Document updated for 7210 SAS-D 6F 4T 4.0 R1</p> <p>General - Document updated for 7210 SAS-D 6F 4T ETR 4.0 R1</p> <p>General - Document updated for 7210 SAS-E 4.01 R1</p> <p>General - Document updated for 7210 SAS-M 4.0 R1</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP 4.0 R1</p> <p>General - Document updated for 7210 SAS-M 24F 2XFP ETR 4.0 R1</p> <p>General - Document updated for 7210 SAS-X 4.0 R1</p> <p>General - Document updated for 7450 ESS / 7450 ESS 8.0 R7</p> <p>General - Document updated for 7705 SAR 5.0 R1</p> <p>General - Document updated for 7705 SAR 4.0 R1 to R5</p> <p>General - Document updated for 7705 SAR 3.0 R1 to R2</p> <p>General - Document updated for 7705 SAR 2.1 R3 to R4</p> <p>General - Document updated for 7750 MG 3.1 R1</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 9.0 R6</p> <p>General - Document updated for 7750 SR / 7450 ESS 8.0 R9</p> <p>General - Document updated for 9500 MPR ANSI / ETSI 3.1</p> <p>General - Document updated for 9500 MPR ANSI / ETSI 3.2</p> <p>General - Document updated for 9471 MME LM25.55.07</p> <p>General - Document updated for 9471 MME LM25.51.35.02</p> <p>General - Document updated for 9471 MME LM23.71.42.02</p> <p>General - Document updated for 9500 MPR ANSI / ETSI 3.0</p>
1.119	October 26, 2011	<p>General - Document updated for 5780 DSC 2.0 R1 to R2.</p> <p>General - Document updated for 7705 SAR 5.0 R1.</p> <p>General - Document updated for 9471 MME LM4.0.2 (R25.55.14).</p> <p>General - Document updated for 9471 MME LM4.0.1 (R24.40.08).</p> <p>General - Document updated for 9471 MME LM3.0 (R22.30.02).</p> <p>General - Document updated for 9471 MME LM2.1 (R21.70.07.02).</p>

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Document release	Issue date	Description of changes
1.120	November 10, 2011	<p>General - Document updated for 7210 SAS 3.0 R7.</p> <p>General - Document updated for 7450 ESS 9.0 R1 to R7.</p> <p>General - Document updated for 7450 ESS 8.0 R1 to R12.</p> <p>General - Document updated for 7450 ESS 7.0 R6 to R20.</p> <p>General - Document updated for 7450 ESS 6.1 R13 to R20.</p> <p>General - Document updated for 7705 SAR 5.0 R1.</p> <p>General - Document updated for 7705 SAR 4.0 R5.</p> <p>General - Document updated for 7705 SAR 4.0 R1 through R2.</p> <p>General - Document updated for 7705 SAR 3.0 R3 through R6.</p> <p>General - Document updated for 7710 SR 6.0 to 9.0.</p> <p>General - Content specific to the 7750 MG 3.1 R1 through R2 compatibility limitations with the 5620 SAM 9.0 have been expunged.</p> <p>General - Content specific to the 7750 MG 3.0 R4 compatibility limitations with the 5620 SAM 9.0 have been expunged.</p> <p>General - Document updated for 7750 SR 6.0 to 9.0.</p> <p>General - Document updated for OmniSwitch Series 7.2.1.361 R01 (6900).</p> <p>General - Document updated for OmniSwitch Series 7.1.1.1717 R01 (10K).</p> <p>General - Document updated for OmniSwitch Series 6.4.3.810 R01 (6850 / 6400 / 6855(6855U24x) / 9600 / 9700 / 9800 / 9700E / 9800E).</p>
1.121	November 22, 2011	<p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 9.0 R8.</p> <p>General - Content specific to the 7750 SR 9.0 R4 to R8 compatibility limitations with the 5620 SAM 9.0 have been expunged.</p>
1.122	December 7, 2011	<p>General - Document updated for 5620 SAM 9.0 R6.</p> <p>General - Document updated for 7750 MG 3.1 R3.</p> <p>General - Document updated for 7750 MG 3.0 R6.</p> <p>General - Document updated for 7750 SR 6.0 to 9.0.</p> <p>General - Content specific to the 7750 SR 7.0 R1 to R2 compatibility limitations with the 5620 SAM 9.0 have been expunged.</p> <p>General - Content specific to the 7750 SR 7.0 R4 compatibility limitations with the 5620 SAM 9.0 have been expunged.</p> <p>General - Content specific to the 7750 SR 6.1 R1 to R5 compatibility limitations with the 5620 SAM 9.0 have been expunged.</p> <p>General - Content specific to the 7750 SR 7.0 R1 to R2 compatibility limitations with the 5620 SAM 8.0 have been expunged.</p> <p>General - Content specific to the 7750 SR 6.1 R1 to R5 compatibility limitations with the 5620 SAM 8.0 have been expunged.</p> <p>General - Content specific to the 7750 SR 6.1 R1 to R3 compatibility limitations with the 5620 SAM 7.0 have been expunged.</p> <p>General - Document updated for 7710 SR 6.0 to 9.0.</p> <p>General - Document updated for OmniSwitch Series 6.6.2.315 R01 (6250).</p>

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