



Cisco Active Network Abstraction 3.7.2 and 3.7.3 Device Package Third-Party VNE Reference Guide

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Preface

This VNE Reference Guide lists the devices, software versions, topologies, modules, events, and technologies that are supported on VNEs for third-party devices provided with Cisco Active Network Abstraction (Cisco ANA) version 3.7.2 and 3.7.3.



This guide contains a subset of the total list of VNEs supported by this version of Cisco ANA. For information about additional supported VNEs, contact Cisco Professional Services.

Audience

The audience for this document includes:

- Network viewers, who monitor the network and perform basic (non-privileged) system functions.
- Network operators, who perform day-to-day operations, such as creating business tags and maps, and controlling alarm life cycles.
- Network administrators, who activate services and configure the network.
- System administrators, who manage the system configuration and security.

Conventions

This document uses the following conventions:

Table 1 **Conventions**

Convention	Description
<i>string</i>	A string is a nonquoted set of characters. For example, when setting an SNMP community string to public, do not use quotation marks around the string, or the string will include the quotation marks.
^ or Ctrl	^ or Ctrl represents the Control key. For example, the key combination ^D or Ctrl-D means hold down the Control key while you press the D key. Alphabetic character keys are indicated in capital letters but are not case sensitive.
< >	Angle brackets show nonprinting characters, such as passwords.
!	An exclamation point at the beginning of a line indicates a comment line.

Table 1 **Conventions (Continued)**

Convention	Description
[]	Square brackets show optional elements.
{ }	Braces group alternative, mutually exclusive elements that are part of a required choice.
	A vertical bar, also known as a pipe, separates alternative, mutually exclusive elements of a choice.
boldface font	Button names, commands, keywords, and menu items.
boldface screen font	Courier bold shows an example of text that you must enter.
<i>italic</i> font	Variables for which you supply values.
<i>italic</i> screen font	Variables you enter.
screen font	Courier plain shows an example of information displayed on the screen.
Option > Network Preferences	Choosing a menu item.

Related Documentation

**Note**

We sometimes update the documentation after original publication. Therefore, you should also review the documentation on Cisco.com for any updates.

The following documentation is available for Cisco Active Network Abstraction 3.7.2:

[Cisco Active Network Abstraction 3.7.2 Administrator Guide](#)

[Cisco Active Network Abstraction 3.7.2 Customization User Guide](#)

[Cisco Active Network Abstraction 3.7.2 Documentation Guide](#)

[Cisco Active Network Abstraction 3.7.2 Installation Guide](#)

[Cisco Active Network Abstraction 3.7.2 Quick Start Guide](#)

[Cisco Active Network Abstraction 3.7.2 Release Notes](#)

[Cisco Active Network Abstraction 3.7.2 Reference Guide](#)

[Addendum: Additional VNE Driver Support for Cisco ANA 3.7.2](#)

[Cisco Active Network Abstraction 3.7.2 Device Package Third-Party VNE Reference Guide](#)

[Cisco Active Network Abstraction 3.7.2 Theory of Operations Guide](#)

[Cisco Active Network Abstraction 3.7.2 User Guide](#)

[Cisco Active Network Abstraction 3.7.2 Configuration and Image Management User and Administrator Guide](#)

[Cisco Active Network Abstraction Network Service Activation 1.2 User Guide](#)

[Cisco Active Network Abstraction Network Service Activation 1.2 Customization Guide](#)

[Open Source Used in Cisco Active Network Abstraction 3.7.2](#)

[Cisco Active Network Abstraction Third-Party VNE Device Package Installation Guides](#). There are separate DP installation guides for Cisco ANA 3.7.3 and Cisco ANA 3.7.2.

[Cisco Active Network Abstraction 3.7.2 Integration Developer Guide](#) is available on the Cisco ANA Technology Center website. This guide describes how to use Cisco ANA integration interfaces.

The Cisco ANA Technology Center is an online resource for additional downloadable Cisco ANA support content, including help for integration developers who use Cisco ANA application programming interfaces (APIs). It provides information, guidance, and examples to help you integrate your applications with Cisco ANA. It also provides a platform for you to interact with subject matter experts. To view the information on the Cisco ANA Technology Center website, you must have a Cisco.com account with partner level access, or you must be a Cisco ANA licensee. You can access the Cisco ANA Technology Center at <http://developer.cisco.com/web/ana/home>.

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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CHAPTER 1

Introduction

This chapter introduces Virtual Network Elements (VNEs) and describes the types of information available in this guide.

This chapter contains the following topics:

- [Introduction to VNEs, page 1-1](#)
- [Understanding the Tables, page 1-1](#)
- [Obtaining Cisco ANA Third-Party VNE Drivers, page 1-3](#)

Introduction to VNEs

VNEs (Virtual Network Elements) are independent software processes that run on the Cisco ANA Unit Servers. Each VNE is assigned to manage a single network element (NE) using the NE's management interfaces (for example, SNMP and/or Telnet). The VNEs maintain a live model, or abstraction, of each NE and the entire network.

As the VNE loads, it starts investigating the NE and automatically builds a live model of the NE, including its physical and logical inventory, its configuration, and its status. After modeling the NE, the VNE begins negotiating with peer VNEs, which represent the peer NEs, in order to determine NE connectivity and topology at different layers. This model of the network topology, NE state, and NE inventory is constantly being updated by the VNEs, which track every change that occurs in the NEs and the network.

The VNEs communicate between themselves to analyze end-to-end flows, which provide information for root-cause and impact analysis, service path tracing, and more.

Understanding the Tables

This section describes key information that can be found in the VNE support information chapters in this guide.

This section contains the following topics:

- [Software Versions, page 1-2](#)
- [ANA Versions, page 1-2](#)
- [Device Package \(DP\) Version, page 1-2](#)
- [Expedite Legend, page 1-3](#)

Software Versions

The Software Version column in the tables in this guide identifies the third-party NE software versions that are compatible with Cisco ANA and that can be running on the third-party NEs that Cisco ANA supports.

When an NE software release is not explicitly supported, Cisco ANA attempts to model the NE using the default version for that device series. The default version is a device-specific fallback set of commands and MIB instrumentation that allows Cisco ANA to discover and query for basic device properties, including:

- Managed element information.
- Basic physical inventory.
- Logical Inventory (including the Routing Table, ARP, BGP and OSPF information). Modelling of other technologies is done on a best-effort basis.

The default version does not correspond to any specific supported NE software version. Building of the physical model and its containment structure depends on the instrumentation (MIB and CLI commands) used by the default version. The default version may show you different containment structures (modules and cards) from what you will see for an explicitly supported NE software version. You can discover whether the default version is being used for a particular VNE by looking in the AVM log located in *install directory/main/logs* (search for **default version**).

If you have additional questions, contact Cisco Professional Services or your Cisco Sales Representative.

ANA Versions

The ANA Version column found in the tables in this guide lists the version of Cisco ANA that supports the NE.

Device Package (DP) Version

The DP Version column found in the tables in this guide lists the version of DP during which a VNE supporting the specified NE module, software, topology, or other feature was first introduced. It is therefore the earliest DP version that supports that NE. All later versions of DP also support the NE. For example: If the guide indicates that Juniper M-Series devices are supported on DP 1.0, they are also supported on DP 2.0, 3.0, and so on.

The latest DP is cumulative of previous DP releases and the latest DP contains greatest of the VNE drivers update until that particular date.

**Note**

All DP versions of Cisco ANA 3.7.2 are compatible with Cisco ANA 3.7.3.

Expedite Legend

Table 1-1 describes the meaning of the Expedite column found in the service event (service alarm) tables in this guide.

Table 1-1 *Expedite Legend in Service Event Tables*

Value	Descriptions
Y	The service event is expedited by a syslog or trap generated by the device. This means that the syslog or trap causes the VNE to poll the device without waiting for the usual polling cycle, thus enabling quicker detection of the event.
N	The service event is not expedited. This means that the VNE will poll this device during the next regularly scheduled polling cycle.

Obtaining Cisco ANA Third-Party VNE Drivers

To obtain Cisco ANA 3.7.2 Third-Party DP tar file or Cisco ANA 3.7.3 Third-Party DP tar file for installation, contact a Cisco representative or download from [Cisco ANA Software Download site on Cisco.com](#).



CHAPTER 2

Overview—Supported Network Elements in Cisco ANA Version 3.7.2 and 3.7.3

This chapter provides an overview of network elements (NEs) that are supported by Cisco ANA Version 3.7.2 and 3.7.3:

This chapter contains the following topics:

- [Supported Alcatel-Lucent Devices in Cisco ANA Version 3.7.2 and 3.7.3, page 2-1](#)
- [Supported Calix Devices in Cisco ANA Version 3.7.2 and 3.7.3, page 2-3](#)
- [Supported DragonWave Devices in Cisco ANA Version 3.7.2 and 3.7.3, page 2-3](#)
- [Supported Huawei Devices in Cisco ANA Version 3.7.2 and 3.7.3, page 2-5](#)
- [Supported Juniper Devices in Cisco ANA Version 3.7.2 and 3.7.3, page 2-6](#)
- [Supported RAD Devices in Cisco ANA Version 3.7.2 and 3.7.3, page 2-8](#)
- [Supported Tellabs Devices in Cisco ANA Version 3.7.2 and 3.7.3, page 2-9](#)

Supported Alcatel-Lucent Devices in Cisco ANA Version 3.7.2 and 3.7.3

This document includes support information for the following Alcatel-Lucent devices:

- [Alcatel-Lucent ATM Subscriber Access Multiplexer](#)
- [Alcatel-Lucent 7450 Ethernet Service Switch](#)
- [Alcatel-Lucent 7705 Service Aggregation Router](#)
- [Alcatel-Lucent 7750/7710 Service Router](#)
- [Alcatel-Lucent Intelligent Services Access Manager](#)

Table 2-1 **Supported Alcatel-Lucent Devices in Cisco ANA Version 3.7.2 and 3.7.3**

NE Type	Product Name	SysOID	ANA Version	DP Version
Alcatel-Lucent ATM Subscriber Access Multiplexer				
asam 7301 HD	Alcatel ASAM 7301 HD DSLAM	1.3.6.1.4.1.637.61.1	3.7.2/3.7.3	6.0

Table 2-1 *Supported Alcatel-Lucent Devices in Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

NE Type	Product Name	SysOID	ANA Version	DP Version
asam 7301 SD	Alcatel ASAM 7301 SD DSLAM	1.3.6.1.4.1.637.61.1	3.7.2/3.7.3	6.0
asam 7301 UD	Alcatel ASAM 7301 UD DSLAM	1.3.6.1.4.1.637.61.1	3.7.2/3.7.3	6.0
asam 7301 XD	Alcatel ASAM 7301 XD DSLAM	1.3.6.1.4.1.637.61.1	3.7.2/3.7.3	6.0
Alcatel-Lucent 7450 Ethernet Service Switch				
ess-7450-1	Alcatel ESS-7450-1	1.3.6.1.4.1.6527.1.6.1	3.7.2	1.0
ess-7450-7	Alcatel ESS-7450-7	1.3.6.1.4.1.6527.1.6.3	3.7.2	1.0
ess-7450-12	Alcatel ESS-7450-12	1.3.6.1.4.1.6527.1.6.4	3.7.2	3.0
ess-7450-6	Alcatel ESS-7450-6	1.3.6.1.4.1.6527.1.3.5	3.7.2/3.7.3	4.0
Alcatel-Lucent 7705 Service Aggregation Router				
Alcatel 7705 SAR-F	Alcatel 7705 Service Aggregation Router (Fixed)	1.3.6.1.4.1.6527.6.1.1.2.2	3.7.2	3.0
Alcatel 7705 SAR-8	Alcatel 7705 Service Aggregation Router (8 slots)	1.3.6.1.4.1.6527.6.1.1.2.1	3.7.2	3.0
Alcatel-Lucent 7750/7710 Service Router				
Alcatel 7750 SR c-12	Alcatel 7750 superior multiservice edge router	1.3.6.1.4.1.6527.1.3.6	3.7.2	3.0
Alcatel 7750 SR 7	Alcatel 7750 superior multiservice edge router	1.3.6.1.4.1.6527.1.3.4	3.7.2	3.0
Alcatel 7750 SR 4	Alcatel 7750 superior multiservice edge router	1.3.6.1.4.1.6527.1.3.2	3.7.2/3.7.3	4.0
Alcatel 7710 SR c-12	Alcatel 7710 superior multiservice edge router	1.3.6.1.4.1.6527.1.9.1	3.7.2/3.7.3	4.0
Alcatel 7750 SR 12	Alcatel 7750 superior multiservice edge router	1.3.6.1.4.1.6527.1.3.3	3.7.2/3.7.3	5.0
Alcatel-Lucent Intelligent Services Access Manager				
ISAM 7302	Alcatel-Lucent 7302 ISAM	1.3.6.1.4.1.637.61.1	3.7.2/3.7.3	6.0
ISAM 7330	Alcatel-Lucent 7330 ISAM	1.3.6.1.4.1.637.61.1	3.7.2/3.7.3	6.0

Supported Calix Devices in Cisco ANA Version 3.7.2 and 3.7.3

This document includes support information for the following Calix devices:

- [Calix Blade 6214 Series DSLAM](#)
- [Calix Blade 6216 Series DSLAM](#)
- [Calix Blade 6312 Series Switches](#)
- [Calix Blade 6316 Series Switches](#)
- [Calix Blade 6450 Series Switches](#)

Table 2-2 **Supported Calix Devices in Cisco ANA Version 3.7.2 and 3.7.3**

NE Type	Product Name	SysOID	ANA Version	DP Version
Calix Blade 6214 Series DSLAM				
B6214	Calix B6-214	1.3.6.1.4.1.6066.1.38	3.7.2/3.7.3	9.0
Calix Blade 6216 Series DSLAM				
BLC 6216	Calix B6-216	1.3.6.1.4.1.6066.1.51	3.7.2/3.7.3	9.0
Calix Blade 6312 Series Switches				
BLC 6312	Calix B6-312	1.3.6.1.4.1.6066.1.37	3.7.2/3.7.3	9.0
Calix Blade 6316 Series Switches				
BLC 6316	Calix B6-316	1.3.6.1.4.1.6066.1.50	3.7.2/3.7.3	9.0
Calix Blade 6450 Series Switches				
BLC 6450	Calix B6-450	1.3.6.1.4.1.6066.1.44	3.7.2/3.7.3	9.0

Supported DragonWave Devices in Cisco ANA Version 3.7.2 and 3.7.3

This document includes support information for the following DragonWave devices:

- [DragonWave Horizon Compact Device \(Packet Microwave System\)](#)
- [DragonWave Horizon Compact Plus Device \(Packet Microwave System\)](#)
- [DragonWave Horizon Quantum Device \(Packet Microwave System\)](#)

Table 2-3 *Supported DragonWave Devices in Cisco ANA Version 3.7.2 and 3.7.3*

NE Type	Product Name	SysOID	ANA Version	DP Version
DragonWave Horizon Compact Device (Packet Microwave System)				
Horizon Compact	Horizon Compact	1.3.6.1.4.1.7262.2.2	3.7.2/3.7.3	5.0
DragonWave Horizon Compact Plus Device (Packet Microwave System)				
Horizon Compact Plus	Horizon Compact Plus	1.3.6.1.4.1.7262.2.5	3.7.2/3.7.3	8.0
DragonWave Horizon Quantum Device (Packet Microwave System)				
Horizon Quantum	Horizon Quantum	1.3.6.1.4.1.7262.2.4	3.7.2/3.7.3	5.0

Supported Huawei Devices in Cisco ANA Version 3.7.2 and 3.7.3

This document includes support information for the following Huawei devices:

- [Huawei - Quidway@ S9300 Series Terabit Routing Switch](#)
- [Huawei - Quidway@ CX600-CarrierSwitch and ATN-Cellsite-Gateway](#)

Table 2-4 **Supported Huawei Devices in Cisco ANA Version 3.7.2 and 3.7.3**

NE Type	Product Name	SysOID	ANA Version	DP Version
Huawei - Quidway@ S9300 Series Terabit Routing Switch				
Huawei S9306	Huawei S9306 Terabit Routing Switch	1.3.6.1.4.1.2011.2.170.2	3.7.2	3.0
Huawei - Quidway@ CX600-CarrierSwitch and ATN-Cellsite-Gateway				
Huawei CX600 - X8	Huawei CX600-X8 Carrier Switch	1.3.6.1.4.1.2011.2.87.18	3.7.2/3.7.3	5.0
Huawei CX600 - X2	Huawei CX600-X2 Carrier Switch	1.3.6.1.4.1.2011.2.87.21	3.7.2/3.7.3	5.0
Huawei CX600 - X1	Huawei CX600-X1 Carrier Switch	1.3.6.1.4.1.2011.2.87.20	3.7.2/3.7.3	5.0
Huawei ATN 910	Huawei ATN 910	1.3.6.1.4.1.2011.2.220.3	3.7.2/3.7.3	5.0
Huawei ATN 950	Huawei ATN 950	1.3.6.1.4.1.2011.2.220.4	3.7.2/3.7.3	5.0

Supported Juniper Devices in Cisco ANA Version 3.7.2 and 3.7.3

This document includes support information for the following Juniper devices:

- [Juniper E-Series ERX Edge Routing Switches](#)
- [Juniper JCS Control System](#)
- [Juniper M-Series Multiservice Edge Routers](#)
- [Juniper MX-Series Ethernet Service Routers](#)
- [Juniper Netscreen Security Firewall/VPN Device](#)
- [Juniper T-Series Core Platforms](#)

Table 2-5 *Supported Juniper Devices in Cisco ANA Version 3.7.2 and 3.7.3*

NE Type	Product Name	SysOID	ANA Version	DP Version
Juniper E-Series ERX Edge Routing Switches				
Juniper-1400	ERX-1400	1.3.6.1.4.1.4874.1.1.1.1.1	3.7.2	3.0
Juniper-1440	ERX-1440	1.3.6.1.4.1.4874.1.1.1.1.3	3.7.2	3.0
Juniper JCS Control System				
Juniper JCS 1200	Juniper Networks JCS 1200 Control System	1.3.6.1.4.1.2636.1.1.1.2.38	3.7.2/3.7.3	6.0
Juniper M-Series Multiservice Edge Routers				
Juniper M10i	Juniper Networks M10i Multiservice Edge Router	1.3.6.1.4.1.2636.1.1.1.2.11	3.7.2/3.7.3	1.0
Juniper M7i	Juniper Networks M7i Multiservice Edge Router	1.3.6.1.4.1.2636.1.1.1.2.10	3.7.2/3.7.3	6.0
Juniper M320	Juniper Networks M320 Multiservice Edge Router	1.3.6.1.4.1.2636.1.1.1.2.9	3.7.2/3.7.3	1.0
Juniper M20	Juniper Networks M20 Multiservice Edge Router	1.3.6.1.4.1.2636.1.1.1.2.2	3.7.2/3.7.3	4.0
Juniper M120	Juniper Networks M120 Multiservice Edge Router	1.3.6.1.4.1.2636.1.1.1.2.18	3.7.2/3.7.3	4.0
Juniper M40e	Juniper Networks M40e Multiservice Edge Router	1.3.6.1.4.1.2636.1.1.1.2.8	3.7.2/3.7.3	4.0
Juniper MX-Series Ethernet Service Routers				
Juniper MX960	Juniper Networks MX960 Ethernet Service Router	1.3.6.1.4.1.2636.1.1.1.2.21	3.7.2	2.0
Juniper MX480	Juniper Networks MX480 Ethernet Service Router	1.3.6.1.4.1.2636.1.1.1.2.25	3.7.2	3.0
Juniper MX240	Juniper Networks MX240 Ethernet Service Router	1.3.6.1.4.1.2636.1.1.1.2.29	3.7.2/3.7.3	4.0

Table 2-5 **Supported Juniper Devices in Cisco ANA Version 3.7.2 and 3.7.3 (Continued)**

NE Type	Product Name	SysOID	ANA Version	DP Version
Juniper Netscreen Security Firewall/VPN Device				
Juniper Netscreen 5400	Juniper Netscreen 5400 Security Firewall/VPN device	1.3.6.1.4.1.3224.1.13	3.7.2/3.7.3	6.0
Juniper T-Series Core Platforms				
Juniper T640	T640	1.3.6.1.4.1.2636.1.1.1.2.6	3.7.2	1.0
Juniper T320	T320	1.3.6.1.4.1.2636.1.1.1.2.7	3.7.2	3.0
Juniper T1600	T1600	1.3.6.1.4.1.2636.1.1.1.2.27	3.7.2/3.7.3	4.0

Supported RAD Devices in Cisco ANA Version 3.7.2 and 3.7.3

This document includes support information for the following RAD device:

- [RAD ACE-3000 Cell-Site Gateway](#)
- [RAD ETX-Series Carrier Ethernet Demarcation Device](#)
- [RAD IPmux-4L TDM Pseudowire Access Gateway](#)
- [RAD LA-210 EFM DSL Network Termination Unit](#)

Table 2-6 **Supported RAD Devices in Cisco ANA Version 3.7.2 and 3.7.3**

NE Type	Product Name	SysOID	ANA Version	DP Version
RAD ACE-3000 Cell-Site Gateway				
ACE-3105	Rad Ace 3105	1.3.6.1.4.1.164.6.1.12.3.18	3.7.2	2.0
ACE-3100	Rad Ace 3100	1.3.6.1.4.1.164.6.1.12.3.9	3.7.2/3.7.3	4.0
ACE-3200	Rad Ace 3200	1.3.6.1.4.1.164.6.1.12.3.8	3.7.2/3.7.3	4.0
ACE-3205	Rad Ace 3205	1.3.6.1.4.1.164.6.1.12.3.17	3.7.2	1.0
RAD ETX-Series Carrier Ethernet Demarcation Device				
ETX-204AW (Wide Box)	Rad ETX 204AW (Wide Box)	1.3.6.1.4.1.164.6.1.6.25	3.7.2	2.0
ETX-204 A (Short Box)	Rad ETX 204 A (Short Box)	1.3.6.1.4.1.164.6.1.6.24	3.7.2/3.7.3	4.0
RAD IPmux-4L TDM Pseudowire Access Gateway				
IPmux-4L	Rad Ipmux 4L	1.3.6.1.4.1.164.6.1.3.156	3.7.2	2.0
RAD LA-210 EFM DSL Network Termination Unit				
LA-210	Rad LA 210	1.3.6.1.4.1.164.6.1.13.5	3.7.2	2.0

Supported Tellabs Devices in Cisco ANA Version 3.7.2 and 3.7.3

This document includes support information for the following Tellabs device:

- [Tellabs 8840 Multiservice Router, page 2-9](#)

Table 2-7 **Supported Tellabs Devices in Cisco ANA Version 3.7.2**

NE Type	Product Name	SysOID	ANA Version	DP Version
Tellabs 8840 Multiservice Router				
TellabsMSE8840	TellabsMSE8840	1.3.6.1.4.1.4641.1.3	3.7.2/3.7.3	6.0



CHAPTER 3

Support Information for Alcatel-Lucent Devices

This chapter contains support information for Virtual Network Elements (VNEs) that manage Alcatel-Lucent devices in Cisco ANA Version 3.7.2 and 3.7.3. For more information about the objects and attributes described in this chapter, see the [Cisco Active Network Abstraction 3.7.2 Reference Guide](#).

This chapter contains the following topics:

- [Alcatel-Lucent ATM Subscriber Access Multiplexer, page 3-1](#)
- [Alcatel-Lucent 7450 Ethernet Service Switch, page 3-7](#)
- [Alcatel-Lucent 7705 Service Aggregation Router, page 3-10](#)
- [Alcatel-Lucent 7750/7710 Service Router, page 3-12](#)
- [Alcatel-Lucent Intelligent Services Access Manager, page 3-14](#)
- [Supported Technologies on Alcatel-Lucent Devices, page 3-19](#)

Alcatel-Lucent ATM Subscriber Access Multiplexer

This section includes the following information about Alcatel-Lucent ASAM devices (for information on the NE types supported in Cisco ANA Version 3.7.2/3.7.3, see [Alcatel-Lucent ATM Subscriber Access Multiplexer](#)):

This section contains the following topics:

- [Alcatel-Lucent ASAM—Supported Software Versions, page 3-2](#)
- [Alcatel-Lucent ASAM—Supported Topologies, page 3-2](#)
- [Alcatel-Lucent ASAM—Supported Modules, page 3-2](#)
- [Alcatel-Lucent ASAM—Supported Technologies, page 3-5](#)
- [Alcatel-Lucent ASAM—Supported Service Events, page 3-5](#)



Note

Alcatel ATM Subscriber Access Multiplexer device was already supported in the ANA version prior to 3.7.2.

Alcatel-Lucent ASAM—Supported Software Versions

Table 3-1 *Supported Software Versions for Alcatel-Lucent ASAM—Cisco ANA Version 3.7.2/3.7.3*

Software Version	ANA Version	DP Version
2.0.0.16	3.7.2/3.7.3	6.0
2.3.1.15	3.7.2/3.7.3	6.0
2.4.2.4	3.7.2/3.7.3	6.0
3.1.0	3.7.2/3.7.3	6.0
4.1.3.0	3.7.2/3.7.3	6.0
4.1.5.6	3.7.2/3.7.3	6.0
4.2.0.6	3.7.2/3.7.3	6.0
4.2.1.0	3.7.2/3.7.3	6.0
4.6.0.6	3.7.2/3.7.3	6.0
5.0.1.2	3.7.2/3.7.3	6.0
5.0.1.3	3.7.2/3.7.3	6.0
5.1.0.10	3.7.2/3.7.3	6.0
5.1.0.21	3.7.2/3.7.3	6.0

Alcatel-Lucent ASAM—Supported Topologies

Table 3-2 *Supported Topologies for Alcatel-Lucent ASAM—Cisco ANA Version 3.7.2/3.7.3*

Topology Type	Link Type	ANA Version	DP Version
ATM	ATM	3.7.2/3.7.3	6.0
Ethernet	Ethernet	3.7.2/3.7.3	6.0
PPP/HDLC	PPP or HDLC	3.7.2/3.7.3	6.0

Alcatel-Lucent ASAM—Supported Modules

Table 3-3 *Supported Modules for Alcatel-Lucent ASAM—Cisco ANA Version 3.7.2/3.7.3*

Module Name	ANA Version	Module Description	DP Version
AACU-A	3.7.2/3.7.3	ADSL Alarm Control Unit version A (R3 equipment)	6.0

Table 3-3 Supported Modules for Alcatel-Lucent ASAM—Cisco ANA Version 3.7.2/3.7.3

Module Name	ANA Version	Module Description	DP Version
AACU-B	3.7.2/3.7.3	ADSL Alarm Control Unit version B	6.0
AACU-C	3.7.2/3.7.3	ADSL Alarm Control Unit version C (R4 equipment)	6.0
ABLT-D	3.7.2/3.7.3	MultiDSL POTS UD BVB LT standard version D	6.0
ABLT-E	3.7.2/3.7.3	Multi-DSL POTS Line Termination version E	6.0
ADLT-C	3.7.2/3.7.3	ADSL Line termination version C (4 lines)	6.0
ADLT-E	3.7.2/3.7.3	ADSL Line termination version E (4 lines)	6.0
ADLT-F	3.7.2/3.7.3	ADSL (Euro) Line termination version F (ISDN support, 4 lines)	6.0
ADLT-J	3.7.2/3.7.3	ADSL Line termination version J (12 lines)	6.0
ADLT-K	3.7.2/3.7.3	ADSL Line termination version K (12 lines)	6.0
ADLT-L	3.7.2/3.7.3	ADSL Line termination version L (24 lines)	6.0
ADLT-M	3.7.2/3.7.3	ADSL Line termination version M (12 lines)	6.0
ADLT-S	3.7.2/3.7.3	ADSL Line Termination version S - BVB enabled	6.0
ADLT-W	3.7.2/3.7.3	ADSL Line Termination version W - POTS/BVB ready	6.0
ADSE-A	3.7.2/3.7.3	ADSL Serial Extender version A	6.0
ADSE-B	3.7.2/3.7.3	ADSL Serial Extender version B	6.0
ADSE-C	3.7.2/3.7.3	ADSL Serial Extender version C	6.0
AICC-A	3.7.2/3.7.3	IMA ATM E1-NT 2 Mits Controller Card	6.0
ASCC-P	3.7.2/3.7.3	PDH Interface Controller Card	6.0
ASCC-PE	3.7.2/3.7.3	PDH E3 Interface Controller Card	6.0
ASCC-S1	3.7.2/3.7.3	STM-1 Interface Controller Card	6.0

Table 3-3 Supported Modules for Alcatel-Lucent ASAM—Cisco ANA Version 3.7.2/3.7.3

Module Name	ANA Version	Module Description	DP Version
ASPS-A	3.7.2/3.7.3	ADSL Splitter Subrack version A	6.0
BSEC-A	3.7.2/3.7.3	Broad Band Shelf Extender Card	6.0
D1LT-A	3.7.2/3.7.3	DS1 Line termination version A	6.0
D1LT-B	3.7.2/3.7.3	4 T1 ports Using IMA Group	6.0
D3LT-A	3.7.2/3.7.3	DS3 Line termination version A	6.0
D3NT-A	3.7.2/3.7.3	DS3 Network Termination version A	6.0
D3NT-C	3.7.2/3.7.3	DS3 Network Termination version C	6.0
E1LT-A	3.7.2/3.7.3	E1 (IMA) Line Termination version A (4 lines)	6.0
E1NT-A	3.7.2/3.7.3	(Quad) E1 (IMA) Network Termination version A	6.0
E1NT-C	3.7.2/3.7.3	GANT-B motherboard and E1PL-B daughterboard (PLIM)	6.0
EBLT-A	3.7.2/3.7.3	ADSL2+ POTS Line Termination version A	6.0
EBLT-C	3.7.2/3.7.3	ADSL2+ POTS Line Termination version C	6.0
ECNT-A	3.7.2/3.7.3	7302 ISAM Combined network termination version A	6.0
LTAC-C	3.7.2/3.7.3	Line Terminal ADSL Combiner Card	6.0
LTAC-D	3.7.2/3.7.3	Line Terminal ADSL Combiner Card	6.0
LTSC-A	3.7.2/3.7.3	Line Termination SHDSL Card	6.0
MACU-A	3.7.2/3.7.3	MiniRAM ACU version A	6.0
NBLC-A	3.7.2/3.7.3	Narrowband Line Card	6.0
SALT-A	3.7.2/3.7.3	1 Port OC3 Card	6.0
SALT-C	3.7.2/3.7.3	STM-1/OC3c (HCL based) Line Termination Unit version C	6.0

Table 3-3 *Supported Modules for Alcatel-Lucent ASAM—Cisco ANA Version 3.7.2/3.7.3*

Module Name	ANA Version	Module Description	DP Version
SANT-D	3.7.2/3.7.3	Synchronous (STM1) ATM Network Termination version D	6.0
SANT-E	3.7.2/3.7.3	GANT-A motherboard and SONI-A daughterboard (PLIM)	6.0
SANT-F	3.7.2/3.7.3	GANT-B motherboard and SONI-A daughterboard (PLIM)	6.0
SANT-G	3.7.2/3.7.3	Synchronous (STM1) ATM Network Termination version G	6.0
SHLT-B	3.7.2/3.7.3	SHDSL Line termination version B (12 lines)	6.0
SMLT-A	3.7.2/3.7.3	SHDSL Line termination version A (24 lines with IMA)	6.0
SMLT-B	3.7.2/3.7.3	SHDSL Line Termination Unit Version B(12 lines, with IMA)	6.0
IPGW-A	3.7.2/3.7.3	IP Service Gateway	6.0
RPSP-A	3.7.2/3.7.3	Packet Subscriber profile version A	6.0

Alcatel-Lucent ASAM—Supported Technologies

The following technologies are supported by the Alcatel-Lucent ASAM in Cisco ANA Version 3.7.2/3.7.3:

- [IP, page 3-20](#)
- [ATM, page 3-20](#)
- [SONET/SDH, page 3-22](#)
- [xDSL, page 3-22](#)
- [Ethernet, page 3-23](#)
- [Hardware, page 3-24](#)
- [Serial, page 3-26](#)

Alcatel-Lucent ASAM—Supported Service Events

Table 3-4 *Supported Service Events for Alcatel-Lucent ASAM—Cisco ANA Version 3.7.2/3.7.3*

Event Name	ANA Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2/3.7.3	Y	6.0

Table 3-4 **Supported Service Events for Alcatel-Lucent ASAM—Cisco ANA Version 3.7.2/3.7.3**

Event Name	ANA Version	Expedited	DP Version
All IP Interfaces Down	3.7.2/3.7.3	Y	6.0
BGP Neighbor Down	3.7.2/3.7.3	N	6.0
Card Down	3.7.2/3.7.3	Y	6.0
Card In	3.7.2/3.7.3	Y	6.0
Card Out	3.7.2/3.7.3	Y	6.0
Card Up	3.7.2/3.7.3	Y	6.0
Device Unreachable	3.7.2/3.7.3	N	6.0
Device Unsupported	3.7.2/3.7.3	N	6.0
Interface status down flapping	3.7.2/3.7.3	Y	6.0
Interface status down flapping update	3.7.2/3.7.3	Y	6.0
Link Down	3.7.2/3.7.3	N	6.0
Link up	3.7.2/3.7.3	N	6.0
Port Down	3.7.2/3.7.3	N	6.0
Port Flapping	3.7.2/3.7.3	N	6.0

Alcatel-Lucent 7450 Ethernet Service Switch

This section includes the following information about Alcatel-Lucent 7450 ESS devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see the [Alcatel-Lucent 7450 Ethernet Service Switch](#)):

This section contains the following topics:

- [Alcatel-Lucent 7450 ESS—Supported Software Versions, page 3-7](#)
- [Alcatel-Lucent 7450 ESS—Supported Topologies, page 3-7](#)
- [Alcatel-Lucent 7450 ESS—Supported Modules, page 3-7](#)
- [Alcatel-Lucent 7450 ESS—Supported Technologies, page 3-8](#)
- [Alcatel-Lucent 7450 ESS—Supported Service Events, page 3-8](#)

Alcatel-Lucent 7450 ESS—Supported Software Versions

Table 3-5 *Supported Software Versions for Alcatel-Lucent 7450 ESS—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	ANA Version	DP Version
3.0.R1	3.7.2	1.0
3.0.R7	3.7.2	1.0
4.0.R5	3.7.2	1.0
5.0.R7	3.7.2	3.0

Alcatel-Lucent 7450 ESS—Supported Topologies

Table 3-6 *Supported Topologies for Alcatel-Lucent 7450 ESS—Cisco ANA Version 3.7.2 and 3.7.3*

Topology Type	Link Type	ANA Version	DP Version
Ethernet	Ethernet	3.7.2	1.0

Alcatel-Lucent 7450 ESS—Supported Modules

Table 3-7 *Supported Modules for Alcatel-Lucent 7450 ESS—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	ANA Version	Module Description	DP Version
M10-1GB-SFP	3.7.2	MDA 10 Ports 1-Gigabit Ethernet SFP	1.0
M16-OC12/3-SFP	3.7.2	MDA 16 Ports OC12/OC3 SFP	1.0
M8-OC12/3-SFP	3.7.2	MDA 8 Ports OC12/OC3 SFP	1.0

Table 3-7 Supported Modules for Alcatel-Lucent 7450 ESS—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
M16-OC3-SFP	3.7.2	MDA 16 Ports OC3 SFP	1.0
M4-OC48-SFP	3.7.2	MDA 4 Ports OC48 SFP	1.0
M1-10GB	3.7.2	MDA 1 Port 10 GigabitP	1.0
M2-OC48-SFP	3.7.2	MDA 2 Ports OC48 SFP	1.0
20-100ETH-SFP	3.7.2	MDA 20 Port 100FX	1.0
M20-1GB-TX	3.7.2	MDA 20 Ports 10/100/1000 Ethernet TX	1.0
M2-10GB-XFP	3.7.2	MDA 2 Ports 10Gig Ethernet XFP	1.0
M20-1GB-SFP	3.7.2	MDA 20 Ports 10/100/1000 Ethernet SFP	1.0
VSM-CCA	3.7.2	VSM Cross Connect	1.0
M5-1GB-SFP-B	3.7.2	MDA 5 Ports 10/100/1000 Ethernet SFP	1.0
M10-1GB-SFP-B	3.7.2	MDA 10 Ports 10/100/1000 Ethernet SFP	1.0
SFM-200G	3.7.2	200g CPM/SF module	1.0
SFM-100G	3.7.2	100g CPM/SF module	1.0
SFM2-200G	3.7.2	200g CPM/SF module	1.0
IOM-20G	3.7.2	2 x 10-Gig MDA IOM Card	1.0
M60-10/100ETH-TX	3.7.2	MDA 60 Ports 10/100 Ethernet TX	1.0
M60-10/100ET-TX	3.7.2	MDA 60 Ports 10/100 Ethernet TX	1.0
IOM-20G-B	3.7.2	2 x 10-Gig MDA IOM Card, B	1.0
SFM2-400G	3.7.2	400g CPM/SF module	3.0

Alcatel-Lucent 7450 ESS—Supported Technologies

The following technologies are supported by the Alcatel-Lucent 7450 ESS in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP, page 3-20](#)
- [Ethernet, page 3-23](#)
- [Hardware, page 3-24](#)
- [Serial, page 3-26](#)

Alcatel-Lucent 7450 ESS—Supported Service Events

Supported Service Events for Alcatel-Lucent 7450 ESS—Cisco ANA Version 3.7.2 and 3.7.3

Event Name	ANA Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2	Y	1.0

Supported Service Events for Alcatel-Lucent 7450 ESS—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)

Event Name	ANA Version	Expedited	DP Version
All IP Interfaces Down	3.7.2	Y	1.0
BGP Neighbor Down	3.7.2	N	1.0
Card Down	3.7.2	Y	1.0
Card In	3.7.2	Y	1.0
Card Out	3.7.2	Y	1.0
Card Up	3.7.2	Y	1.0
Device Unreachable	3.7.2	N	1.0
Device Unsupported	3.7.2	N	1.0
Interface status down flapping	3.7.2	Y	1.0
Interface status down flapping update	3.7.2	Y	1.0
Link Down	3.7.2	N	1.0
Link up	3.7.2	N	1.0
Port Down	3.7.2	N	1.0
Port Flapping	3.7.2	N	1.0

Alcatel-Lucent 7705 Service Aggregation Router

This section includes the following information about Alcatel-Lucent 7705 SAR devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see the [Alcatel-Lucent 7705 Service Aggregation Router](#)):

This section contains the following topics:

- [Alcatel-Lucent 7705 SAR—Supported Software Versions, page 3-10](#)
- [Alcatel-Lucent 7705 SAR—Supported Topologies, page 3-10](#)
- [Alcatel-Lucent 7705 SAR—Supported Modules, page 3-10](#)
- [Alcatel-Lucent 7705 SAR—Supported Technologies, page 3-11](#)
- [Alcatel-Lucent 7705 SAR—Supported Service Events, page 3-11](#)

Alcatel-Lucent 7705 SAR—Supported Software Versions

Table 3-8 *Supported Software Versions for Alcatel-Lucent 7705 SAR—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	ANA Version	DP Version
TiMOS-B-3.0.R1	3.7.2	3.0

Alcatel-Lucent 7705 SAR—Supported Topologies

Table 3-9 *Supported Topologies for Alcatel-Lucent 7705 SAR—Cisco ANA Version 3.7.2 and 3.7.3*

Topology Type	Link Type	ANA Version	DP Version
Ethernet	Ethernet	3.7.2	3.0

Alcatel-Lucent 7705 SAR—Supported Modules

Table 3-10 *Supported Modules for Alcatel-Lucent 7705 SAR—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	ANA Version	Module Description	DP Version
A16-CHDS1V2	3.7.2	MDA 16 Port Any Service Channelized DS1/E1, Multi-Sync Supported	3.0
A8-ETHV3	3.7.2	MDA 6 10/100 Ethernet, 2 Port 1-Gigabit SFP, SyncE, Multiple Node Sync Sources	3.0
A8-ETHV2	3.7.2	MDA 6 10/100 Ethernet, 2 Port 1-Gigabit SFP, SyncE Supported	3.0
IOM-1G	3.7.2	1G 7705 IOM	3.0

Table 3-10 Supported Modules for Alcatel-Lucent 7705 SAR—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
CSM-1G	3.7.2	1G 7705 CSM	3.0

Alcatel-Lucent 7705 SAR—Supported Technologies

The following technologies are supported by the Alcatel-Lucent 7705 SAR in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP, page 3-20](#)
- [Routing Protocols, page 3-23](#)
- [Ethernet, page 3-23](#)
- [Hardware, page 3-24](#)
- [Serial, page 3-26](#)
- [MPLS, page 3-26](#)

Alcatel-Lucent 7705 SAR—Supported Service Events

Table 3-11 Supported Service Events for Alcatel-Lucent 7705 SAR—Cisco ANA Version 3.7.2 and 3.7.3

Event Name	ANA Version	Expedited	DP Version
Card In/Out	3.7.2	N	3.0
Link Down/Up	3.7.2	N	3.0
Device Unreachable	3.7.2	N	3.0
CPU Over Utilized	3.7.2	N	3.0
Device Unsupported	3.7.2	N	3.0
Module Unsupported	3.7.2	N	3.0
Port Flapping	3.7.2	N	3.0
Port Down	3.7.2	N	3.0
Card Up/Down	3.7.2	N	3.0

Alcatel-Lucent 7750/7710 Service Router

This section includes the following information about Alcatel-Lucent 7750/7710 SR devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see the [Alcatel-Lucent 7750/7710 Service Router](#)):

This section contains the following topics:

- [Alcatel-Lucent 7750/7710 SR—Supported Software Versions, page 3-12](#)
- [Alcatel-Lucent 7750/7710 SR—Supported Topologies, page 3-12](#)
- [Alcatel-Lucent 7750/7710 SR—Supported Modules, page 3-12](#)
- [Alcatel-Lucent 7750/7710 SR—Supported Technologies, page 3-13](#)
- [Alcatel-Lucent 7750/7710 SR—Supported Service Events, page 3-13](#)

Alcatel-Lucent 7750/7710 SR—Supported Software Versions

Table 3-12 *Supported Software Versions for Alcatel-Lucent 7750/7710 SR—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	ANA Version	DP Version
TiMOS-B-7.0.R4	3.7.2	3.0
TiMOS-C-7.0.R4	3.7.2	3.0
TiMOS-C-8.0.R7	3.7.2/3.7.3	5.0

Alcatel-Lucent 7750/7710 SR—Supported Topologies

Table 3-13 *Supported Topologies for Alcatel-Lucent 7750/7710 SR—Cisco ANA Version 3.7.2 and 3.7.3*

Topology Type	Link Type	ANA Version	DP Version
Ethernet	Ethernet	3.7.2	3.0

Alcatel-Lucent 7750/7710 SR—Supported Modules

Table 3-14 *Supported Modules for Alcatel-Lucent 7750/7710 SR—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	ANA Version	Module Description	DP Version
M60-10/100ETH-TX	3.7.2	MDA 60 Ports 10/100 Ethernet TX	3.0
C5-1GB-XP-SFP	3.7.2	Compact MDA 5-Port 10/100/1000 Ethernet Extended Performance SFP	3.0

Table 3-14 *Supported Modules for Alcatel-Lucent 7750/7710 SR—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Module Name	ANA Version	Module Description	DP Version
M10-1GB-XP-SFP	3.7.2	MDA 10-Port 10/100/1000 Ethernet Extended Performance SFP	3.0
VSM-CCA	3.7.2	VSM Cross Connect	3.0
IOM-XP	3.7.2	7750 Extended Performance IOM	3.0
CFM-XP	3.7.2	7750 Extended Performance CFM	3.0
IOM2-20G	3.7.2	2x10-Gig MDA IOM Card	3.0
SFM2-200G	3.7.2	200G CPM/SF module	3.0
SFM2-400G	3.7.2/3.7.3	400G CPM/SF Module	5.0
M2-10GB-XFP	3.7.2/3.7.3	MDA 2-Port 10-Gig Ethernet XFP	5.0
M1-10GB-XFP	3.7.2/3.7.3	MDA 2 Ports 10Gig Ethernet XFP	5.0
M10-1GB-SFP-B	3.7.2/3.7.3	MDA 10 Ports 10/100/1000 Ethernet SFP	5.0

Alcatel-Lucent 7750/7710 SR—Supported Technologies

The following technologies are supported by the Alcatel-Lucent 7750/7710 SR in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP, page 3-20](#)
- [Routing Protocols, page 3-23](#)
- [Ethernet, page 3-23](#)
- [Hardware, page 3-24](#)
- [Serial, page 3-26](#)
- [MPLS, page 3-26](#)

Alcatel-Lucent 7750/7710 SR—Supported Service Events

Table 3-15 *Supported Service Events for Alcatel-Lucent 7750/7710 SR—Cisco ANA Version 3.7.2 and 3.7.3*

Event Name	ANA Version	Expedited	DP Version
Card In/Out	3.7.2	N	3.0
Link Down/Up	3.7.2	N	3.0
Device Unreachable	3.7.2	N	3.0
CPU Over Utilized	3.7.2	N	3.0

Table 3-15 *Supported Service Events for Alcatel-Lucent 7750/7710 SR—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Event Name	ANA Version	Expedited	DP Version
Device Unsupported	3.7.2	N	3.0
Module Unsupported	3.7.2	N	3.0
Port Flapping	3.7.2	N	3.0
Port Down	3.7.2	N	3.0
Card Up/Down	3.7.2	N	3.0

Alcatel-Lucent Intelligent Services Access Manager

This section includes the following information about Alcatel-Lucent ISAM devices (for information on the NE types supported in Cisco ANA Version 3.7.2/3.7.3, see [Alcatel-Lucent Intelligent Services Access Manager](#)):

This section contains the following topics:

- [Alcatel-Lucent ISAM—Supported Software Versions, page 3-14](#)
- [Alcatel-Lucent ISAM—Supported Topologies, page 3-15](#)
- [Alcatel-Lucent ISAM—Supported Modules, page 3-15](#)
- [Alcatel-Lucent ISAM—Supported Technologies, page 3-17](#)
- [Alcatel-Lucent ISAM—Supported Service Events, page 3-18](#)



Note

Alcatel ATM Subscriber Access Multiplexer device was already supported in the ANA version prior to 3.7.2.

Alcatel-Lucent ISAM—Supported Software Versions

Table 3-16 *Supported Software Versions for Alcatel-Lucent ISAM—Cisco ANA Version 3.7.2/3.7.3*

Software Version	ANA Version	DP Version
2.0.0.16	3.7.2/3.7.3	6.0
2.3.1.15	3.7.2/3.7.3	6.0
2.4.2.4	3.7.2/3.7.3	6.0

Alcatel-Lucent ISAM—Supported Topologies

Table 3-17 Supported Topologies for Alcatel-Lucent ISAM—Cisco ANA Version 3.7.2/3.7.3

Topology Type	Link Type	ANA Version	DP Version
ATM	ATM	3.7.2/3.7.3	6.0
Ethernet	Ethernet	3.7.2/3.7.3	6.0
Physical Layer	Physical Layer	3.7.2/3.7.3	6.0

Alcatel-Lucent ISAM—Supported Modules

Table 3-18 Supported Modules for Alcatel-Lucent ISAM—Cisco ANA Version 3.7.2/3.7.3

Module Name	ANA Version	Module Description	DP Version
AACU-A	3.7.2/3.7.3	ADSL Alarm Control Unit version A (R3 equipment)	6.0
AACU-C	3.7.2/3.7.3	ADSL Alarm Control Unit version C (R4 equipment)	6.0
ABLT-D	3.7.2/3.7.3	MultiDSL POTS UD BVB LT standard version D	6.0
ABLT-E	3.7.2/3.7.3	Multi-DSL POTS Line Termination version E	6.0
ADLT-C	3.7.2/3.7.3	ADSL Line termination version C (4 lines)	6.0
ADLT-E	3.7.2/3.7.3	ADSL Line termination version E (4 lines)	6.0
ADLT-F	3.7.2/3.7.3	ADSL (Euro) Line termination version F (ISDN support, 4 lines)	6.0
ADLT-J	3.7.2/3.7.3	ADSL Line termination version J (12 lines)	6.0
ADLT-K	3.7.2/3.7.3	ADSL Line termination version K (12 lines)	6.0
ADLT-L	3.7.2/3.7.3	ADSL Line termination version L (24 lines)	6.0
ADLT-M	3.7.2/3.7.3	ADSL Line termination version M (12 lines)	6.0
ADLT-S	3.7.2/3.7.3	ADSL Line Termination version S - BVB enabled	6.0

Table 3-18 Supported Modules for Alcatel-Lucent ISAM—Cisco ANA Version 3.7.2/3.7.3

Module Name	ANA Version	Module Description	DP Version
ADLT-W	3.7.2/3.7.3	ADSL Line Termination version W - POTS/BVB ready	6.0
ADSE-A	3.7.2/3.7.3	ADSL Serial Extender version A	6.0
ADSE-B	3.7.2/3.7.3	ADSL Serial Extender version B	6.0
ADSE-C	3.7.2/3.7.3	ADSL Serial Extender version C	6.0
AICC-A	3.7.2/3.7.3	IMA ATM E1-NT 2 Mits Controller Card	6.0
ASCC-P	3.7.2/3.7.3	PDH Interface Controller Card	6.0
ASCC-PE	3.7.2/3.7.3	PDH E3 Interface Controller Card	6.0
ASCC-S1	3.7.2/3.7.3	STM-1 Interface Controller Card	6.0
BSEC-A	3.7.2/3.7.3	Broad Band Shelf Extender Card	6.0
D1LT-A	3.7.2/3.7.3	DS1 Line termination version A	6.0
D1LT-B	3.7.2/3.7.3	4 T1 ports Using IMA Group	6.0
D3LT-A	3.7.2/3.7.3	DS3 Line termination version A	6.0
D3NT-A	3.7.2/3.7.3	DS3 Network Termination version A	6.0
D3NT-C	3.7.2/3.7.3	DS3 Network Termination version C	6.0
E1LT-A	3.7.2/3.7.3	E1 (IMA) Line Termination version A (4 lines)	6.0
E1NT-A	3.7.2/3.7.3	(Quad) E1 (IMA) Network Termination version A	6.0
E1NT-C	3.7.2/3.7.3	GANT-B motherboard and E1PL-B daughterboard (PLIM)	6.0
EBLT-A	3.7.2/3.7.3	ADSL2+ POTS Line Termination version A	6.0
EBLT-C	3.7.2/3.7.3	ADSL2+ POTS Line Termination version C	6.0
ECNT-A	3.7.2/3.7.3	7302 ISAM Combined network termination version A	6.0

Table 3-18 **Supported Modules for Alcatel-Lucent ISAM—Cisco ANA Version 3.7.2/3.7.3**

Module Name	ANA Version	Module Description	DP Version
LTAC-C	3.7.2/3.7.3	Line Terminal ADSL Combiner Card	6.0
LTAC-D	3.7.2/3.7.3	Line Terminal ADSL Combiner Card	6.0
LTSC-A	3.7.2/3.7.3	Line Termination SHDSL Card	6.0
MACU-A	3.7.2/3.7.3	MiniRAM ACU version A	6.0
NBLC-A	3.7.2/3.7.3	Narrowband Line Card	6.0
SALT-A	3.7.2/3.7.3	1 Port OC3 Card	6.0
SALT-C	3.7.2/3.7.3	STM-1/OC3c (HCL based) Line Termination Unit version C	6.0
SANT-D	3.7.2/3.7.3	Synchronous (STM1) ATM Network Termination version D	6.0
SANT-E	3.7.2/3.7.3	GANT-A motherboard and SONI-A daughterboard (PLIM)	6.0
SANT-F	3.7.2/3.7.3	GANT-B motherboard and SONI-A daughterboard (PLIM)	6.0
SANT-G	3.7.2/3.7.3	Synchronous (STM1) ATM Network Termination version G	6.0
SHLT-B	3.7.2/3.7.3	SHDSL Line termination version B (12 lines)	6.0
SMLT-A	3.7.2/3.7.3	SHDSL Line termination version A (24 lines with IMA)	6.0
SMLT-B	3.7.2/3.7.3	SHDSL Line Termination Unit Version B(12 lines, with IMA)	6.0

Alcatel-Lucent ISAM—Supported Technologies

The following technologies are supported by the Alcatel-Lucent ISAM in Cisco ANA Version 3.7.2/3.7.3:

- [IP, page 3-20](#)
- [ATM, page 3-20](#)
- [Ethernet, page 3-23](#)
- [xDSL, page 3-22](#)
- [SONET/SDH, page 3-22](#)
- [Hardware, page 3-24](#)
- [Serial, page 3-26](#)

- [Additional Technologies, page 3-27](#)

Alcatel-Lucent ISAM—Supported Service Events

Table 3-19 *Supported Service Events for Alcatel-Lucent ISAM—Cisco ANA Version 3.7.2/3.7.3*

Event Name	ANA Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2/3.7.3	Y	6.0
All IP Interfaces Down	3.6.1	Y	6.0
BGP process up	3.7.2/3.7.3	N	6.0
Card Down	3.7.2/3.7.3	Y	6.0
Card In	3.7.2/3.7.3	Y	6.0
Card Out	3.7.2/3.7.3	Y	6.0
Card Up	3.7.2/3.7.3	Y	6.0
Cloud Problem	3.7.2/3.7.3	N	6.0
CPU utilization exceeded upper threshold	3.7.2/3.7.3	N	6.0
Device Unreachable	3.7.2/3.7.3	N	6.0
Device Unsupported	3.7.2/3.7.3	N	6.0
Interface status down flapping	3.7.2/3.7.3	Y	6.0
Interface status down flapping update	3.7.2/3.7.3	Y	6.0
Keepalive configured	3.7.2/3.7.3	N	6.0
Keepalive not configured	3.7.2/3.7.3	N	6.0
Layer 2 Tunnel Down	3.7.2/3.7.3	N	6.0
Link Down	3.7.2/3.7.3	N	6.0
Link up	3.7.2/3.7.3	N	6.0

Table 3-19 **Supported Service Events for Alcatel-Lucent ISAM—Cisco ANA Version 3.7.2/3.7.3**

Event Name	ANA Version	Expedited	DP Version
Memory utilization exceeded upper threshold	3.7.2/3.7.3	N	6.0
Module Unsupported	3.7.2/3.7.3	N	6.0
Port Down	3.7.2/3.7.3	N	6.0
Port Flapping	3.7.2/3.7.3	N	6.0
Rx utilization exceeded upper threshold	3.7.2/3.7.3	N	6.0
Tx utilization exceeded upper threshold	3.7.2/3.7.3	N	6.0
VPN Leak	3.7.2/3.7.3	N	6.0

Supported Technologies on Alcatel-Lucent Devices

The following sections list the objects and attributes that are supported on Alcatel-Lucent devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

This section contains the following topics:

- [IP, page 3-20](#)
- [ATM, page 3-20](#)
- [SONET/SDH, page 3-22](#)
- [TDM/DSx, page 3-22](#)
- [xDSL, page 3-22](#)
- [Routing Protocols, page 3-23](#)
- [Ethernet, page 3-23](#)
- [Hardware, page 3-24](#)
- [Serial, page 3-26](#)
- [MPLS, page 3-26](#)
- [Additional Technologies, page 3-27](#)

IP

Table 3-20 IP Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	ASAM	7450 ESS	7705 SAR	ISAM
IMO Name—IIPInterface				
IP Address	Y	Y	Y	Y
Subnetwork Mask	Y	Y	Y	Y
IP Interface Addresses Array	Y	Y		
Interface Name	Y	Y	Y	Y
Interface Description			Y	Y
IP Interface State	Y	Y	Y	Y
IMO Name—IRoutingEntity				
Routing Table	Y	Y	Y	Y
Name	Y	Y		
Logical Sons	Y	Y		
Destination IP Subnet	Y	Y	Y	Y
Next Hop IP Address	Y	Y	Y	Y
Type	Y	Y	Y	Y
Routing Protocol Type	Y	Y	Y	Y
Outgoing Interface Name	Y	Y	Y	Y
IMO Name—IARP Entity				
ARP Table	Y		Y	Y
IMO Name—IARP Entry				
IP Address	Y		Y	Y
MAC Address	Y		Y	Y
Port	Y		Y	Y

ATM

Table 3-21 ATM Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	ASAM	7450 ESS	7705 SAR	ISAM
IMO Name—IAtm				
Interface Type	Y			Y
VP and VC Ranges	Y			Y

Table 3-21 ATM Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	ASAM	7450 ESS	7705 SAR	ISAM
VC Table	Y			Y
IMO Name—IAtmVc				
Virtual Channel Identifier	Y			Y
Virtual Path Identifier	Y			Y
Discarded and Received Input Data Counters	Y			Y
Dropped and Forward Output Data Counters	Y			Y
Ingress Traffic Descriptor	Y			Y
Egress Traffic Descriptor	Y			Y
Administrative Status	Y			Y
Operational Status	Y			Y
IMO Name—IAtmTrafficDescriptor				
Traffic Descriptor Type	Y			Y
Service Category	Y			Y
Cell Loss Priority	Y			Y
Cell Delay Variation	Y			Y
Cell Delay Variation Tolerance	Y			Y
Maximum High Priority and Aggregate Cell Rates	Y			Y
Minimum High Priority and Aggregate Cell Rates	Y			Y
Sustainable High Priority and Aggregate Cell Rates	Y			Y
Peak High Priority and Aggregate Cell Rates	Y			Y
Name	Y			Y
Index	Y			Y

SONET/SDH

Table 3-22 *SONET/SDH Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.2 and 3.7.3*

Attribute	ASAM	7450 ESS	7705 SAR	ISAM
IMO Name—ISonetSdh				
Loopback Type	Y			Y

TDM/DSx

Table 3-23 *TDM/DSx Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.1*

Attribute	ASAM	7450 ESS	7705 SAR	ISAM
IMO Name—IDS1Pdh / IDS3Pdh				
Framing Type		Y		
Cell Mapping Type		Y ¹		
Scrambling Mode		Y ²		

^{1,2}Supported only for DS3

xDSL

Table 3-24 *xDSL Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.2 and 3.7.3*

Attribute	ASAM	7450 ESS	7705 SAR	ISAM
IMO Name—IDsl / IIdsl / ISdsl / Ishdsl				
Customer Identification	Y			Y
Traffic Descriptor	Y			Y
IMO Name—IADsl				
Maximum Reception and Transmission Bandwidth	Y			Y
Same as IDsl	Y			

Routing Protocols

Table 3-25 Routing Protocols Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	ASAM	7450 ESS	7705 SAR	7750/7710 SR	ISAM
IMO Name—IBgpNeighborEntry					
Remote Identifier			Y	Y	
Remote Address			Y	Y	
Remote Autonomous System			Y	Y	
Peer State			Y	Y	
Peer AdminState			Y	Y	
Hold Time			Y	Y	
Keep Alive Time			Y	Y	
IMO Name—IospfEntry					
Area Identifier			Y	Y	
IP Address			Y	Y	
Type			Y	Y	
Administrative Status			Y	Y	
Ospf Entry State			Y	Y	

Ethernet

Table 3-26 Ethernet Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	ASAM	7450 ESS	7705 SAR	7750/7710 SR	ISAM
IMO Name—IEthernet					
MAC Address	Y	Y	Y	Y	Y
Port Type			Y	Y	Y
IMO Name—IIEEE802					
VLAN Identification	Y	Y			Y

Table 3-26 Ethernet Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)

Attribute	ASAM	7450 ESS	7705 SAR	7750/7710 SR	ISAM
IMO Name—IEthernetChannel					
Group Number	Y	Y			
IANA Type	Y	Y			

Hardware

Table 3-27 Hardware Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	ASAM	7450 ESS	7705 SAR	7750/7710 SR	ISAM
IMO Name—IChassis					
Description	Y		Y	Y	Y
Serial Number	Y		Y	Y	Y
IMO Name—IShelf					
Description		Y			
Status	Y	Y			
IMO Name—IModule					
Module Name		Y	Y	Y	Y
Module Description		Y	Y	Y	Y
Software Version		Y	Y	Y	Y
Operational Status		Y	Y	Y	
Hardware Type + Version		Y	Y	Y	
Redundant Equipment		Y			
Configured Redundancy		Y			
Redundancy Status		Y			Y
Operational Status Last Changed	Y	Y			Y
Supported Physical Termination Points		Y			Y
Serial Number (soft property)	Y	Y	Y	Y	Y
Fan Speed		Y	Y	Y	Y
Fan Status		Y	Y	Y	Y

Table 3-27 Hardware Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)

Attribute	ASAM	7450 ESS	7705 SAR	7750/7710 SR	ISAM
Power type		Y	Y	Y	
Power AC status		Y	Y	Y	
Power DC Status		Y	Y	Y	Y
IMO Name—IManagedElement					
IP Address		Y	Y	Y	Y
Communication State	Y	Y	Y	Y	Y
Investigation State		Y	Y	Y	
Element Category		Y	Y	Y	
Element Type and Key	Y	Y	Y	Y	Y
Device Name	Y	Y	Y	Y	Y
System Name	Y	Y	Y	Y	Y
System Description	Y	Y	Y	Y	Y
Up Time	Y	Y	Y	Y	Y
Software Version	Y	Y	Y	Y	Y
Vendor Identity	Y	Y	Y	Y	Y
Memory and CPU Usage	Y	Y	Y	Y	Y
Sys Contact	Y		Y	Y	Y
Sys Location	Y		Y	Y	Y
Serial Number	Y		Y	Y	Y
IMO Name—ISystemService					
Up Time		Y			
IMO Name—IBridge					
MAC Address		Y			
IP Interface		Y			
Name		Y			
Logical Sons	Y	Y			
IMO Name—IBridgeEntry					
Destination MAC		Y			

Serial

Table 3-28 *Serial Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.2 and 3.7.3*

Attribute	ASAM	7450 ESS	7705 SAR	7750/7710 SR	ISAM
IMO Name—IPhysicalLayer					
Media Type		Y	Y	Y	
Maximum Speed		Y	Y	Y	
Is Internal Port		Y			
Discarded and Received Input Data Counters		Y			Y
Dropped and Forward Output Data Counters		Y			Y
Administrative Status	Y	Y	Y	Y	Y
Operational Status	Y	Y	Y	Y	Y
Last Changed		Y	Y	Y	Y
IANA Type		Y			Y
Port Alias			Y	Y	
Location			Y	Y	
Status			Y	Y	

MPLS

Table 3-29 *MPLS Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.2 and 3.7.3*

Attribute	ASAM	7450 ESS	7705 SAR	7750/7710 SR	ISAM
IMO Name—I Lse					
LDP Service			Y	Y	
IMO Name—I LdpService					
Local Identification Status			Y	Y	
Status			Y	Y	
LDP Peers			Y	Y	

Table 3-29 MPLS Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)

Attribute	ASAM	7450 ESS	7705 SAR	7750/7710 SR	ISAM
IMO Name—ILdpPeer					
Peer Identification			Y	Y	
Transport Address			Y	Y	
Distribution Method			Y	Y	
Protocol Type			Y	Y	
Path Vector Limit			Y	Y	
Session Status			Y	Y	
Protocol Version Hold Time			Y	Y	
Hold Time			Y	Y	
Keep Alive Time			Y	Y	
Peer Discovery Sources			Y	Y	
IMO Name—ILdpDiscoverySource					
Source Address			Y	Y	
Type			Y	Y	

Additional Technologies

Table 3-30 Additional Technologies Attribute Support on Alcatel-Lucent Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	ASAM	7450 ESS	7705 SAR	7750/7710 SR	ISAM
IMO Name—POS					
POS					Y



CHAPTER 4

Support Information for Calix Devices

This chapter contains support information for Virtual Network Elements (VNEs) that manage Calix devices in Cisco ANA Version 3.7.2 and 3.7.3. For more information about the objects and attributes described in this chapter, see the [Cisco Active Network Abstraction 3.7.2 Reference Guide](#).

This chapter contains the following topics:

- [Calix Blade 6214 Series DSLAM, page 4-1](#)
- [Calix Blade 6216 Series DSLAM, page 4-4](#)
- [Calix Blade 6312 Series Switches, page 4-5](#)
- [Calix Blade 6316 Series Switches, page 4-7](#)
- [Calix Blade 6450 Series Switches, page 4-10](#)
- [Supported Technologies on Calix Devices, page 4-12](#)

Calix Blade 6214 Series DSLAM

This section includes the following information about Calix Blade 6214 Series DSLAM devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see [Calix Blade 6214 Series DSLAM](#)):

- [Calix Blade 6214 Series DSLAM—Supported Software Versions, page 4-1](#)
- [Calix Blade 6214 Series DSLAM—Supported Modules, page 4-2](#)
- [Calix Blade 6214 Series DSLAM—Supported Technologies, page 4-2](#)
- [Calix Blade 6214 Series DSLAM—Supported Service Events, page 4-3](#)

Calix Blade 6214 Series DSLAM—Supported Software Versions

Table 4-1 *Supported Software Versions for Calix Blade 6214 Series DSLAM—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	Product Version	DP Version
V5.5R4	3.7.2/3.7.3	9.0
V5.5R5	3.7.2/3.7.3	9.0

Table 4-1 *Supported Software Versions for Calix Blade 6214 Series DSLAM—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Software Version	Product Version	DP Version
V5.5R9	3.7.2/3.7.3	9.0
V5.5R10	3.7.2/3.7.3	9.0
7.2R5	3.7.2/3.7.3	9.0

Calix Blade 6214 Series DSLAM—Supported Modules

Table 4-2 *Supported Modules for Calix Blade 6214 Series DSLAM—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	Product Version	Module Description	DP Version
B6214	3.7.2/3.7.3	6214 Blade and BLC 6214 Assembly ADSL2Plus with Gigabit Ethernet, Integrated Splitter (POTS: 48 ports, Gigabit Ethernet: 10 ports)	9.0
Power Supply	3.7.2/3.7.3	LM87 +3.3V ¹ 440GP +1.8V +1.2V +1.5V +1.8V +2.5V +18V FPGA +1.8V SSTL2VTT +1.25V SSTL2REF +1.25V #B Vin -48V #A Vin -48V	9.0
Fan Tray	3.7.2/3.7.3	It supports Fan 1 to Fan 10 ² .	9.0

1. Supports the 5.5R4, R5, R9, and R10 OS versions

2. Fan 1 to Fan 4 support 5.5R4, R5, R9, and R10 OS versions; and Fan 5 to Fan 10 support 5.5R10 OS version.

Calix Blade 6214 Series DSLAM—Supported Technologies

The following technologies are supported by the Calix Blade 6214 Series DSLAM devices in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP](#), page 4-13
- [Ethernet \(IEEE 802.3\)](#), page 4-14
- [ATM](#), page 4-14

- [Point to Point](#), page 4-14
- [DSL](#), page 4-15
- [Hardware](#), page 4-15
- [Base Logical Components](#), page 4-16
- [Common](#), page 4-17
- [Additional Technologies](#), page 4-18
- [Additional Technologies\(EPS Info\)](#), page 4-18
- [Additional Technologies\(EPS State\)](#), page 4-18
- [Additional Technologies\(Access Prof Info\)](#), page 4-19
- [Additional Technologies\(Access Profile\)](#), page 4-19

Calix Blade 6214 Series DSLAM—Supported Service Events

Table 4-3 *Supported Service Events for Calix Blade 6214 Series DSLAM—Cisco ANA Version 3.7.2 and 3.7.3*

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2/3.7.3	Y	9.0
All IP Interfaces Down	3.7.2/3.7.3	Y	9.0
Device Unreachable	3.7.2/3.7.3	N	9.0
Device Unsupported	3.7.2/3.7.3	N	9.0
Link Down	3.7.2/3.7.3	N	9.0
Link up	3.7.2/3.7.3	N	9.0
Port Down	3.7.2/3.7.3	N	9.0
Interface Status Down/Up	3.7.2/3.7.3	N	9.0
CPU Over Utilized	3.7.2/3.7.3	N	9.0
Memory Over Utilized	3.7.2/3.7.3	N	9.0

Calix Blade 6216 Series DSLAM

This section includes the following information about Calix Blade 6216 Series DSLAM (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see [Calix Blade 6216 Series DSLAM](#)):

- [Calix Blade 6216 Series DSLAM—Supported Software Versions](#), page 4-4
- [Calix Blade 6216 Series DSLAM—Supported Modules](#), page 4-4
- [Calix Blade 6216 Series DSLAM—Supported Technologies](#), page 4-4
- [Calix Blade 6316 Series Switches—Supported Service Events](#), page 4-9

Calix Blade 6216 Series DSLAM—Supported Software Versions

Table 4-4 *Supported Software Versions for Calix Blade 6216 Series DSLAM—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	Product Version	DP Version
7.2R5	3.7.2/3.7.3	9.0

Calix Blade 6216 Series DSLAM—Supported Modules

Table 4-5 *Supported Modules for Calix Blade 6216 Series DSLAM—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	Product Version	Module Description	DP Version
B6-216	3.7.2/3.7.3	The B6-216 features eight Gigabit Ethernet ports, two optical and six copper and 48-port VDSL2/ADSL2+ card.	9.0

Calix Blade 6216 Series DSLAM—Supported Technologies

The following technologies are supported by the Calix Blade 6216 Series DSLAM in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP](#), page 4-13
- [Ethernet \(IEEE 802.3\)](#), page 4-14
- [ATM](#), page 4-14
- [Point to Point](#), page 4-14
- [DSL](#), page 4-15
- [Hardware](#), page 4-15

- [Base Logical Components](#), page 4-16
- [Common](#), page 4-17
- [Additional Technologies](#), page 4-18
- [Additional Technologies\(EPS Info\)](#), page 4-18
- [Additional Technologies\(EPS State\)](#), page 4-18
- [Additional Technologies\(Access Prof Info\)](#), page 4-19
- [Additional Technologies\(Access Profile\)](#), page 4-19

Calix Blade 6216 Series DSLAM—Supported Service Events

Table 4-6 *Supported Service Events for Calix Blade 6216 Series DSLAM—Cisco ANA Version 3.7.2 and 3.7.3*

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2/3.7.3	Y	9.0
All IP Interfaces Down	3.7.2/3.7.3	Y	9.0
Device Unreachable	3.7.2/3.7.3	N	9.0
Device Unsupported	3.7.2/3.7.3	N	9.0
Link Down	3.7.2/3.7.3	N	9.0
Link up	3.7.2/3.7.3	N	9.0
Port Down	3.7.2/3.7.3	N	9.0
Interface Status Down/Up	3.7.2/3.7.3	N	9.0
CPU Over Utilized	3.7.2/3.7.3	N	9.0
Memory Over Utilized	3.7.2/3.7.3	N	9.0

Calix Blade 6312 Series Switches

This section includes the following information about Calix Blade 6312 Series Switch devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see [Calix Blade 6312 Series Switches](#)):

- [Calix Blade 6312 Series Switches—Supported Software Versions](#), page 4-6

- [Calix Blade 6312 Series Switches—Supported Modules, page 4-6](#)
- [Calix Blade 6312 Series Switches—Supported Technologies, page 4-6](#)
- [Calix Blade 6312 Series Switches—Supported Service Events, page 4-7](#)

Calix Blade 6312 Series Switches—Supported Software Versions

Table 4-7 *Supported Software Versions for Calix Blade 6312 Series Switch—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	Product Version	DP Version
5.5R4	3.7.2/3.7.3	9.0
5.5R5	3.7.2/3.7.3	9.0

Calix Blade 6312 Series Switches—Supported Modules

Table 4-8 *Supported Modules for Calix Blade 6312 Series Switch—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	Product Version	Module Description	DP Version
6312 Blade	3.7.2/3.7.3	Optical Line Termination Blade	9.0

Calix Blade 6312 Series Switches—Supported Technologies

The following technologies are supported by the Calix Blade 6312 Series Switch devices in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP, page 4-13](#)
- [Ethernet \(IEEE 802.3\), page 4-14](#)
- [Hardware, page 4-15](#)
- [Base Logical Components, page 4-16](#)
- [Common, page 4-17](#)
- [Additional Technologies, page 4-18](#)
- [Additional Technologies\(EPS Info\), page 4-18](#)
- [Additional Technologies\(EPS State\), page 4-18](#)
- [Additional Technologies\(Access Prof Info\), page 4-19](#)
- [Additional Technologies\(Access Profile\), page 4-19](#)

Calix Blade 6312 Series Switches—Supported Service Events

Table 4-9 *Supported Service Events for Calix Blade 6312 Series Switch—Cisco ANA Version 3.7.2 and 3.7.3*

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2/3.7.3	Y	9.0
All IP Interfaces Down	3.7.2/3.7.3	Y	9.0
Device Unreachable	3.7.2/3.7.3	N	9.0
Device Unsupported	3.7.2/3.7.3	N	9.0
Link Down	3.7.2/3.7.3	N	9.0
Link up	3.7.2/3.7.3	N	9.0
Port Down	3.7.2/3.7.3	N	9.0
Interface Status Down/Up	3.7.2/3.7.3	N	9.0
CPU Over Utilized	3.7.2/3.7.3	N	9.0
Memory Over Utilized	3.7.2/3.7.3	N	9.0

Calix Blade 6316 Series Switches

This section includes the following information about Calix Blade 6316 Series Switch devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see [Calix Blade 6316 Series Switches](#)):

- [Calix Blade 6316 Series Switches—Supported Software Versions](#), page 4-8
- [Calix Blade 6316 Series Switches—Supported Modules](#), page 4-8
- [Calix Blade 6316 Series Switches—Supported Technologies](#), page 4-8
- [Calix Blade 6316 Series Switches—Supported Service Events](#), page 4-9

Calix Blade 6316 Series Switches—Supported Software Versions

Table 4-10 *Supported Software Versions for Calix Blade 6316 Series Switches—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	Product Version	DP Version
7.0R1	3.7.2/3.7.3	9.0
7.0R1_S101	3.7.2/3.7.3	9.0
7.2R3	3.7.2/3.7.3	9.0

Calix Blade 6316 Series Switches—Supported Modules

Table 4-11 *Supported Modules for Calix Blade 6316 Series Switches—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	Product Version	Module Description	DP Version
B6-316	3.7.2/3.7.3	6316 Blade, 10 GE Aggregation Rings, Access Rings, Point-to-point and Business Ethernet Services (10 Gigabit Ethernet XFP Ports (2), 10 Gigabit Ethernet Copper Ports (2), 1 Gigabit Ethernet SFP Ports (8), 1 Gigabit Ethernet Fiber Ports (Swappable) (40))	9.0
Power Supply	3.7.2/3.7.3	+1.0V +5V -48V_2 -48V_1 +1.5V +1.2V +1.25V +1.8V +2.5V +3.3V	9.0
Fan Tray	3.7.2/3.7.3	It supports Fan 1 to Fan 4.	9.0

Calix Blade 6316 Series Switches—Supported Technologies

The following technologies are supported by the Calix Blade 6316 Series Switch devices in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP](#), page 4-13

- [Ethernet \(IEEE 802.3\), page 4-14](#)
- [Hardware, page 4-15](#)
- [Base Logical Components, page 4-16](#)
- [Common, page 4-17](#)
- [Additional Technologies, page 4-18](#)
- [Additional Technologies\(EPS Info\), page 4-18](#)
- [Additional Technologies\(EPS State\), page 4-18](#)
- [Additional Technologies\(Access Prof Info\), page 4-19](#)
- [Additional Technologies\(Access Profile\), page 4-19](#)

Calix Blade 6316 Series Switches—Supported Service Events

Table 4-12 **Supported Service Events for Calix Blade 6316 Series Switches—Cisco ANA Version 3.7.2 and 3.7.3**

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2/3.7.3	Y	9.0
All IP Interfaces Down	3.7.2/3.7.3	Y	9.0
Device Unreachable	3.7.2/3.7.3	N	9.0
Device Unsupported	3.7.2/3.7.3	N	9.0
Link Down	3.7.2/3.7.3	N	9.0
Link up	3.7.2/3.7.3	N	9.0
Port Down	3.7.2/3.7.3	N	9.0
Interface Status Down/Up	3.7.2/3.7.3	N	9.0
CPU Over Utilized	3.7.2/3.7.3	N	9.0
Memory Over Utilized	3.7.2/3.7.3	N	9.0

Calix Blade 6450 Series Switches

This section includes the following information about Calix Blade 6450 Series Switch devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see [Calix Blade 6450 Series Switches](#)):

- [Calix Blade 6450 Series Switches—Supported Software Versions, page 4-10](#)
- [Calix Blade 6450 Series Switches—Supported Modules, page 4-10](#)
- [Calix Blade 6450 Series Switches—Supported Technologies, page 4-11](#)
- [Calix Blade 6450 Series Switches—Supported Service Events, page 4-12](#)

Calix Blade 6450 Series Switches—Supported Software Versions

Table 4-13 *Supported Software Versions for Calix Blade 6450 Series Switch—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	Product Version	DP Version
V5.5R4	3.7.2/3.7.3	9.0
V5.5R5	3.7.2/3.7.3	9.0
V5.5R7P8	3.7.2/3.7.3	9.0
7.1R2	3.7.2/3.7.3	9.0

Calix Blade 6450 Series Switches—Supported Modules

Table 4-14 *Supported Modules for Calix Blade 6450 Series Switch—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	Product Version	Module Description	DP Version
B6450	3.7.2/3.7.3	B6450 Assembly 10 GbE Aggregation Rings, Access Rings, Point-to-point and Business Ethernet Services (10 Gigabit Ethernet XFP Ports (2), 10 Gigabit Ethernet Ports (2), 10 Gigabit Ethernet Copper Ports (2), 1 Gigabit Ethernet SFP Ports (16), 1 Gigabit Ethernet Copper Ports (6))	9.0

Table 4-14 *Supported Modules for Calix Blade 6450 Series Switch—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Module Name	Product Version	Module Description	DP Version
Power Supply	3.7.2/3.7.3	+5V XFP2 +5V XFP1 +5V LM87 +3.3V 440GP +1.8V +1.2V +1.25V Enet +1.8V +2.5V SSTL2VTT +1.25V SSTL2REF +1.25V FPGA +1.8V #B Vin -48V #A Vin -48V Exhaust ¹ PCB Bottom Middle ²	9.0
Fan Tray	3.7.2/3.7.3	It supports Fan 1 to Fan 10 ³ .	9.0

1. Supports the 7.1R2 OS version

2. Supports the 7.1R2 OS version

3. Fan 1 to Fan 4 Support the 5.5R4, R5, R7P8, and 7.1R2 OS versions; and Fan 5 to Fan 10 support 7.1R OS version

Calix Blade 6450 Series Switches—Supported Technologies

The following technologies are supported by the Calix Blade 6450 Series Switch devices in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP](#), page 4-13
- [Ethernet \(IEEE 802.3\)](#), page 4-14
- [Hardware](#), page 4-15
- [Base Logical Components](#), page 4-16
- [Common](#), page 4-17
- [Additional Technologies](#), page 4-18
- [Additional Technologies\(EPS Info\)](#), page 4-18
- [Additional Technologies\(EPS State\)](#), page 4-18
- [Additional Technologies\(Access Prof Info\)](#), page 4-19
- [Additional Technologies\(Access Profile\)](#), page 4-19

Calix Blade 6450 Series Switches—Supported Service Events

Table 4-15 *Supported Service Events for Calix Blade 6450 Series Switch—Cisco ANA Version 3.7.2 and 3.7.3*

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2/3.7.3	Y	9.0
All IP Interfaces Down	3.7.2/3.7.3	Y	9.0
Device Unreachable	3.7.2/3.7.3	N	9.0
Device Unsupported	3.7.2/3.7.3	N	9.0
Link Down	3.7.2/3.7.3	N	9.0
Link up	3.7.2/3.7.3	N	9.0
Port Down	3.7.2/3.7.3	N	9.0
Interface Status Down/Up	3.7.2/3.7.3	N	9.0
CPU Over Utilized	3.7.2/3.7.3	N	9.0
Memory Over Utilized	3.7.2/3.7.3	N	9.0

Supported Technologies on Calix Devices

The following sections list the objects and attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

- [IP, page 4-13](#)
- [Ethernet \(IEEE 802.3\), page 4-14](#)
- [ATM, page 4-14](#)
- [Point to Point, page 4-14](#)
- [DSL, page 4-15](#)
- [Hardware, page 4-15](#)
- [Base Logical Components, page 4-16](#)
- [Common, page 4-17](#)
- [Additional Technologies, page 4-18](#)
- [Additional Technologies\(EPS Info\), page 4-18](#)

- [Additional Technologies\(EPS State\)](#), page 4-18
- [Additional Technologies\(Access Prof Info\)](#), page 4-19
- [Additional Technologies\(Access Profile\)](#), page 4-19

IP

The following table ([Table 4-16](#)) lists the ip protocols attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-16 *IP Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3*

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IPIInterface					
IP Address	Y	Y	Y	Y	Y
Subnetwork Mask	Y	Y	Y	Y	Y
Interface Name	Y	Y	Y	Y	Y
IP Interface State	Y	Y	Y	Y	Y
IMO Name—IRoutingEntity					
Routing Table	Y	Y	Y	Y	Y
ARP Entity	Y	Y	Y	Y	Y
Name	Y	Y	Y	Y	Y
Logical Sons	Y	Y	Y	Y	Y
IMO Name—IRoutingEntry					
Destination IP Subnet	Y	Y	Y	Y	Y
Next Hop IP Address	Y	Y	Y	Y	Y
Type	Y	Y	Y	Y	Y
Outgoing Interface Name	Y	Y	Y	Y	Y
IMO Name—IARPEntity					
ARP Table	Y	Y	Y	Y	Y
IMO Name—IARPEntity					
IP Address	Y	Y	Y	Y	Y
MAC Address	Y	Y	Y	Y	Y
Port	Y	Y	Y	Y	Y
Entry Type	Y	Y	Y	Y	Y

Ethernet (IEEE 802.3)

The following table (Table 4-17) lists the ethernet (ieee 802.3) protocol attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-17 Ethernet (IEEE 802.3) Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IEthernet					
IANA Type	Y	Y	Y	Y	Y
IMO Name—IVlanInterface					
Mode	Y	Y	Y	Y	Y
Virtual LAN Table	Y	Y	Y	Y	Y
IANA Type				Y	Y
IMO Name—IIEEE802					
VLAN Identification	Y	Y	Y	Y	Y
IANA Type	Y	Y	Y	Y	Y

ATM

The following table (Table 4-18) lists the atm protocols attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-18 ATM Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IAtmVc					
Virtual Channel Identifier	Y	Y			
Virtual Path Identifier	Y	Y			
Administrative Status	Y	Y			
Operational Status	Y	Y			

Point to Point

The following table (Table 4-19) lists the point to point protocols attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-19 *Point to Point Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3*

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—Iencapsulation (HDLC/PPP)					
Virtual Connection	Y	Y			
Binding Status	Y	Y			

DSL

The following table (Table 4-20) lists the dsl protocols attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-20 *DSL Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3*

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IAdsltraTrafficDescriptor					
Max, Min and Target Transmission and Reception Noise Margins	Y	Y			
Max, Min and Planned Target Transmission and Reception Bit Rates	Y	Y			
Channel type	Y	Y			
Name	Y	Y			

Hardware

The following table (Table 4-21) lists the hardware protocols attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-21 *Physical Equipment Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3*

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IChassis					
Description	Y	Y	Y	Y	Y
Equipment Holder Type	Y	Y	Y	Y	Y
Type	Y	Y	Y	Y	Y

Table 4-21 *Physical Equipment Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Serial Number	Y	Y	Y	Y	Y
IMO Name—IShelf					
Equipment Holder Type	Y	Y	Y	Y	Y
IMO Name—IModule					
Module Name	Y	Y	Y	Y	Y
Module Description	Y	Y	Y	Y	Y
Software Version	Y	Y	Y	Y	Y
Operational Status				Y	Y
Hardware Type & Version	Y	Y	Y	Y	Y
Operational Status Last Changed	Y	Y	Y	Y	Y
Serial Number (soft property)	Y	Y	Y	Y	Y

Base Logical Components

The following table (Table 4-22) lists the base logical components protocols attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-22 *Base Logical Components Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3*

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IManagedElement					
IP Address	Y	Y	Y	Y	Y
Communication State	Y	Y	Y	Y	Y
Investigation State	Y	Y	Y	Y	Y
Element Category	Y	Y	Y	Y	Y
Element Type and Key	Y	Y	Y	Y	Y
Device Name	Y	Y	Y	Y	Y
System Name	Y	Y	Y	Y	Y
System Description	Y	Y	Y	Y	Y
Up Time	Y	Y	Y	Y	Y
Software Version	Y	Y	Y	Y	Y
Vendor Identity	Y	Y	Y	Y	Y
Memory and CPU Usage	Y	Y	Y	Y	Y

Table 4-22 *Base Logical Components Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Attributes					
IMO Name—ISystemService					
Up Time	Y	Y	Y	Y	Y

Common

The following table (Table 4-23) lists the common protocols attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-23 *Common Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3*

	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Attributes					
IMO Name—IPhysicalLayer					
Media Type	Y	Y	Y	Y	Y
Maximum Speed	Y	Y	Y	Y	Y
Is Internal Port	Y	Y	Y	Y	Y
Discarded and Received Input Data Counters	Y	Y	Y	Y	Y
Dropped and Forward Output Data Counters	Y	Y	Y	Y	Y
Administrative Status	Y	Y	Y	Y	Y
Operational Status	Y	Y	Y	Y	Y
Last Changed	Y	Y	Y	Y	Y
IANA Type	Y	Y	Y	Y	Y
IMO Name—IBridge					
Bridge Table	Y	Y	Y	Y	Y
Type	Y	Y	Y	Y	Y
MAC Address	Y	Y	Y	Y	Y
IP Interface	Y	Y	Y	Y	Y
Name	Y	Y	Y	Y	Y
Logical Sons	Y	Y	Y	Y	Y

Additional Technologies

The following table (Table 4-24) lists the additional technologies protocols attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-24 Additional Technologies Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IPower Supply					
Voltage names	Y	Y	Y	Y	Y
Voltage Value	Y	Y	Y	Y	Y
IMO Name—IFan					
Fan Name	Y	Y	Y	Y	Y
Fan Value	Y	Y	Y	Y	Y

Additional Technologies(EPS Info)

The following table (Table 4-25) lists the additional technologies (eps info) protocol attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-25 Additional Technologies(EPS Info) Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IManagedElement					
EPS Device mode	Y	Y	Y	Y	Y
EPS Path group	Y	Y	Y	Y	Y
Untagged vlan id	Y	Y	Y	Y	Y
Mac Address	Y	Y	Y	Y	Y

Additional Technologies(EPS State)

The following table (Table 4-26) lists the additional technologies (eps state) protocols attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-26 Additional Technologies(EPS State)Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Attributes					
IMO Name—IphysicalLayer					
Tagged	Y	Y	Y	Y	Y
Untagged	Y	Y	Y	Y	Y
Doubleqtag	Y	Y	Y	Y	Y
Ring PG1	Y	Y	Y	Y	Y
Ring PG2	Y	Y	Y	Y	Y
Ring all	Y	Y	Y	Y	Y
SUB	Y	Y	Y	Y	Y
INTC	Y	Y	Y	Y	Y

Additional Technologies(Access Prof Info)

The following table (Table 4-27) lists the additional technologies (access prof info) protocols attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-27 Additional Technologies(Access Prof Info) Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Attributes					
IMO Name—IphysicalLayer					
Access Profile Name	Y	Y	Y	Y	Y
Service ID	Y	Y	Y	Y	Y

Additional Technologies(Access Profile)

The following table (Table 4-28) lists the additional technologies (access profile) protocols attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-28 Additional Technologies(Access Profile) Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Attributes					
IMO Name—IcalixAccessProfile					
Input Service Policy	Y	Y	Y	Y	Y

Table 4-28 *Additional Technologies(Access Profile) Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Output Service Policy	Y	Y	Y	Y	Y
Igmp Port Type	Y	Y	Y	Y	Y
Igmp Source Address	Y	Y	Y	Y	Y
Igmp Max Streams	Y	Y	Y	Y	Y
EPSVlan	Y	Y	Y	Y	Y
Mac Limit	Y	Y	Y	Y	Y
Mac Learning	Y	Y	Y	Y	Y
DHCP Mode	Y	Y	Y	Y	Y
DHCP Servers	Y	Y	Y	Y	Y
DHCP Hot Swap	Y	Y	Y	Y	Y
Arp Mode	Y	Y	Y	Y	Y
Arp Cache Timeout	Y	Y	Y	Y	Y
Profile name	Y	Y	Y	Y	Y



CHAPTER 5

Support Information for DragonWave Devices

This chapter contains support information for Virtual Network Elements (VNEs) that manage DragonWave devices in Cisco ANA Version 3.7.2 and 3.7.3. For more information about the objects and attributes described in this chapter, see the [Cisco Active Network Abstraction 3.7.2 Reference Guide](#).

This chapter contains the following topics:

- [DragonWave Horizon Compact Device \(Packet Microwave System\)](#), page 5-1
- [DragonWave Horizon Compact Plus Device \(Packet Microwave System\)](#), page 5-3
- [DragonWave Horizon Quantum Device \(Packet Microwave System\)](#), page 5-4
- [Supported Technologies on DragonWave Devices](#), page 5-6

DragonWave Horizon Compact Device (Packet Microwave System)

This section includes the following information about DragonWave Horizon Compact (Packet Microwave System) devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see the [DragonWave Horizon Compact Device \(Packet Microwave System\)](#)):

This section contains the following topics:

- [Horizon Compact—Supported Software Versions](#), page 5-2
- [Horizon Compact—Supported Topologies](#), page 5-2
- [Horizon Compact—Supported Modules](#), page 5-2
- [Horizon Compact—Supported Technologies](#), page 5-2
- [Horizon Compact—Supported Service Events](#), page 5-3

Horizon Compact—Supported Software Versions

Table 5-1 *Supported Software Versions for Horizon Compact—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	ANA Version	DP Version
1.03.02	3.7.2/3.7.3	5.0
1.04.05	3.7.2/3.7.3	5.0

Horizon Compact—Supported Topologies

Table 5-2 *Supported Topologies for Horizon Compact—Cisco ANA Version 3.7.2 and 3.7.3*

Topology Type	Link Type	ANA Version	DP Version
Generic Port	Generic Port ¹	3.7.3/3.8	7.0

1. Currently it is supported by using generic methodology.

Horizon Compact—Supported Modules

Table 5-3 *Supported Modules for Horizon Compact—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	ANA Version	Module Description	DP Version
Horizon Compact	3.7.2/3.7.3	Horizon Compact is not a modular device. It contains 2 Ethernet ports and 1 Wireless port.	5.0

Horizon Compact—Supported Technologies

The following technologies are supported by the Horizon Compact devices in Cisco ANA Version 3.7.2 and 3.7.3:

- [Ethernet, page 5-7](#)
- [Hardware, page 5-8](#)
- [Serial, page 5-10](#)
- [Generic Port, page 5-10](#)

Horizon Compact—Supported Service Events

Table 5-4 Supported Service Events for Horizon Compact—Cisco ANA Version 3.7.2 and 3.7.3

Event Name	ANA Version	Expedited	DP Version
Link up	3.7.2/3.7.3	Y	5.0

DragonWave Horizon Compact Plus Device (Packet Microwave System)

This section includes the following information about DragonWave Horizon Compact Plus (Packet Microwave System) devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see the [DragonWave Horizon Compact Plus Device \(Packet Microwave System\)](#)):

This section contains the following topics:

- [Horizon Compact Plus—Supported Software Versions](#), page 5-3
- [Horizon Compact Plus—Supported Topologies](#), page 5-3
- [Horizon Compact Plus—Supported Modules](#), page 5-4
- [Horizon Compact Plus—Supported Technologies](#), page 5-4
- [Horizon Compact Plus—Supported Service Events](#), page 5-4

Horizon Compact Plus—Supported Software Versions

Table 5-5 Supported Software Versions for Horizon Compact Plus—Cisco ANA Version 3.7.2 and 3.7.3

Software Version	ANA Version	DP Version
1.0.0	3.7.2/3.7.3	8.0

Horizon Compact Plus—Supported Topologies

Table 5-6 Supported Topologies for Horizon Compact Plus—Cisco ANA Version 3.7.2 and 3.7.3

Topology Type	Link Type	ANA Version	DP Version
Generic Port	Generic Port ¹	3.7.3	8.0

1. Currently it is supported by using LLDP methodology.

Horizon Compact Plus—Supported Modules

Table 5-7 Supported Modules for Horizon Compact Plus—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
Horizon Compact Plus	3.7.2/3.7.3	Horizon Compact Plus is not a modular device. It contains Ethernet ports and Wireless ports.	8.0

Horizon Compact Plus—Supported Technologies

The following technologies are supported by the Horizon Compact devices in Cisco ANA Version 3.7.2 and 3.7.3:

- [Ethernet, page 5-7](#)
- [Ethernet OAM, page 5-7](#)
- [Hardware, page 5-8](#)
- [Serial, page 5-10](#)
- [Generic Port, page 5-10](#)
- [Local Switching, page 5-11](#)
- [LLDP, page 5-12](#)

Horizon Compact Plus—Supported Service Events

Table 5-8 Supported Service Events for Horizon Compact Plus—Cisco ANA Version 3.7.2 and 3.7.3

Event Name	ANA Version	Expedited	DP Version
Link up	3.7.2/3.7.3	Y	8.0

DragonWave Horizon Quantum Device (Packet Microwave System)

This section includes the following information about DragonWave Horizon Quantum (Packet Microwave Device) devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see the [DragonWave Horizon Quantum Device \(Packet Microwave System\)](#)):

This section contains the following topics:

- [Horizon Quantum—Supported Software Versions, page 5-5](#)
- [Horizon Quantum—Supported Topologies, page 5-5](#)
- [Horizon Quantum—Supported Modules, page 5-5](#)

- [Horizon Quantum—Supported Technologies, page 5-6](#)
- [Horizon Quantum—Supported Service Events, page 5-6](#)

Horizon Quantum—Supported Software Versions

Table 5-9 *Supported Software Versions for Horizon Quantum—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	ANA Version	DP Version
1.1.0	3.7.2/3.7.3	5.0

Horizon Quantum—Supported Topologies

Table 5-10 *Supported Topologies for Horizon Quantum—Cisco ANA Version 3.7.2 and 3.7.3*

Topology Type	Link Type	ANA Version	DP Version
Generic Port	Generic Port ²	3.7.3/3.8	7.0

2. Currently it is supported by using Generic methodology

Horizon Quantum—Supported Modules

Table 5-11 *Supported Modules for Horizon Quantum—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	ANA Version	Module Description	DP Version
Horizon Quantum	3.7.2/3.7.3	Horizon Quantum is not a modular device. It contains 8 Ethernet ports and 2 wireless ports.	5.0
Horizon Quantum (Radio)	3.7.2/3.7.3	Horizon Quantum is a dummy module that contains the sub modules for Radio properties.	7.0

Horizon Quantum—Supported Technologies

Table 5-12 Supported Service Events for Horizon Compact—Cisco ANA Version 3.7.2 and 3.7.3

Event Name	ANA Version	Expedited	DP Version
Link up	3.7.2/3.7.3	Y	5.0

The following technologies are supported by the Horizon Quantum devices in Cisco ANA Version 3.7.2 and 3.7.3:

- [Ethernet, page 5-7](#)
- [Hardware, page 5-8](#)
- [Serial, page 5-10](#)
- [Generic Port, page 5-10](#)
- [Local Switching, page 5-11](#)

Horizon Quantum—Supported Service Events

Table 5-13 Supported Service Events for Horizon Quantum—Cisco ANA Version 3.7.2 and 3.7.3

Event Name	ANA Version	Expedited	DP Version
Link up	3.7.2/3.7.3	Y	5.0

Supported Technologies on DragonWave Devices

The following sections list the objects and attributes that are supported on DragonWave devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

This section contains the following topics:

- [Ethernet, page 5-7](#)
- [Hardware, page 5-8](#)
- [Serial, page 5-10](#)
- [Generic Port, page 5-10](#)
- [Local Switching, page 5-11](#)
- [LLDP, page 5-12](#)

Ethernet

The following table (Table 5-14) lists the ethernet attributes that are supported on DragonWave devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 5-14 Ethernet Attribute Support on DragonWave Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	Horizon Compact	Horizon Quantum	Horizon Compact Plus
IMO Name—IEthernet			
MAC Address	Y	Y	Y
Duplex Mode	Y	Y	Y
IANA Type		Y	Y

Ethernet OAM

The following table (Table 5-14) lists the ethernet attributes that are supported on DragonWave devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 5-15 Ethernet OAM Attribute Support on DragonWave Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	Horizon Compact	Horizon Quantum	Horizon Compact Plus
IMO Name—IOAMData			
adminState			Y
linkFaultAction			Y
dyingGaspAction			Y
criticalEventAction			Y
mode			Y
unidirectional			Y
linkMonitor			Y
remoteLoopback			Y
portStatus			Y

Table 5-15 Ethernet OAM Attribute Support on DragonWave Devices—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)

Attribute	Horizon Compact	Horizon Quantum	Horizon Compact Plus
loopbackStatus			Y
remoteData			Y
name			Y
ethernetPort			Y
IMO Name—IOAMRemoteData			
macAddress			Y
mode			Y
unidirection			Y
linkMonitor			Y
remoteLoopback			Y

Hardware

Table 5-16 lists the hardware attributes that are supported on DragonWave devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 5-16 Hardware Attribute Support on DragonWave Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	Horizon Compact	Horizon Quantum	Horizon Compact Plus
IMO Name—IChassis			
Description	Y	Y	Y
Serial Number	Y	Y	Y
IMO Name—IModule			
Module Name	Y	Y	Y
Module Description	Y	Y	Y
Software Version	Y	Y	Y
Hardware Type	Y	Y	

Table 5-16 Hardware Attribute Support on DragonWave Devices—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)

Attribute	Horizon Compact	Horizon Quantum	Horizon Compact Plus
Hardware Type & Version	Y	Y	Y
Radio Description (Soft Property)		Y	
Radio Oper Status (Soft Property)		Y	
Radio Transmit Power (Soft Property)		Y	
Radio Power Option (Soft Property)		Y	
Radio Actual Transmit Power (Soft Property)		Y	
Antenna1Tilt (Soft Property)		Y	
Antenna2Tilt (Soft Property)		Y	
IMO Name—IManagedElement			
IP Address	Y	Y	Y
Communication State	Y	Y	Y
Investigation State	Y	Y	Y
Element Category	Y	Y	Y
Element Type and Key	Y	Y	Y
Device Name	Y	Y	Y
System Name	Y	Y	Y
System Description	Y	Y	Y
Up Time	Y	Y	Y
Software Version	Y	Y	Y
Vendor Identity	Y	Y	Y
Sys Contact	Y	Y	Y
Sys Location	Y	Y	Y

Serial

Table 5-17 lists the serial attributes that are supported on DragonWave devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 5-17 Serial Attribute Support on DragonWave Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	Horizon Compact	Horizon Quantum	Horizon Compact Plus
IMO Name—IPhysicalLayer			
Media Type	Y	Y	Y
Maximum Speed	Y	Y	Y
Is Internal Port		Y	
Administrative Status	Y	Y	Y
Operational Status	Y	Y	Y
IANA Type	Y	Y	Y
Port Alias	Y	Y	Y
Location	Y	Y	Y
Connector Description	Y	Y	Y
Status	Y	Y	Y
Managed	Y	Y	Y

Generic Port

The following table (Table 5-18) lists the generic port attributes that are supported on DragonWave devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 5-18 Generic Port Attribute Support on DragonWave Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	Horizon Compact	Horizon Quantum	Horizon Compact Plus
IMO Name—IDataLinkLayer			
Modem Channelized RSL (Soft Property)	Y	Y	Y

Table 5-18 Generic Port Attribute Support on DragonWave Devices—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)

Attribute	Horizon Compact	Horizon Quantum	Horizon Compact Plus
Modem Modulation Type (Soft Property)	Y	Y	Y
ModemSNR (Soft Property)	Y	Y	Y
Modem Eb To Noise Ratio (Soft Property)	Y	Y	Y
ModemRxBlocksOK (soft property)	Y	Y	Y
ModemRxBlocksError (soft property)	Y	Y	Y
Modem Equalizer Stress (Soft Property)	Y		Y
RadioTransmitPower (soft property)	Y		Y
RadioOperStatus (soft property)	Y		Y
RadioTemperature (soft property)	Y		Y
RadioProgrammedAntennaDiameter (soft property)	Y		Y
ModemRxFramesOK (soft property)	Y		Y
ModemRxFramesError (soft property)	Y		Y
Associated Radio		Y	
Associated Radio Index		Y	
RadioDescription (soft property)			Y
RadioActualTransmitPower (soft property)			Y

Local Switching

The following table ([Table 5-19](#)) lists the local switching attributes that are supported on DragonWave devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 5-19 Local Switching Attribute Support on DragonWave Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	Horizon Compact	Horizon Quantum	Horizon Compact Plus	
	IMO Name—ILocalSwitchingEntry			
	Local Switching Entry Key	Y	Y	Y
	Local Switching Entry Status	Y	Y	Y
Segment 1	Y	Y	Y	
Segment 1 Port Name	Y	Y	Y	
Segment 1 Status	Y	Y	Y	
Segment 2	Y	Y	Y	
Segment 2 Port Name	Y	Y	Y	
Segment 2 Status	Y	Y	Y	

LLDP

The following table ([Table 5-20](#)) lists the LLDP attributes that are supported on DragonWave devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 5-20 LLDP Attribute Support on DragonWave Devices—Cisco ANA Version 3.7.2 and 3.7.3

		Horizon Compact Plus
Attribute		
IMO Name—ILLDPService		
Status		Y
LldpAdvertisementsInterval		Y
LldpHoldTime		Y
LldpReinitialisationDelay		Y
LocalChassisID		Y
LocalSystemName		Y
IMO Name—ILLDPNeighbor		
LocalPortName		Y

Table 5-20 *LLDP Attribute Support on DragonWave Devices—Cisco ANA Version 3.7.2 and 3.7.3*

Attribute	Horizon Compact Plus
RemotePortDesc	Y
RemoteChassisId	Y
LocalPortId	Y
RemotePortId	Y
RemoteSystemName	Y



CHAPTER 6

Support Information for Huawei Devices

This chapter contains support information for Virtual Network Elements (VNEs) that manage Huawei devices in Cisco ANA Version 3.7.2 and 3.7.3. For more information about the objects and attributes described in this chapter, see the [Cisco Active Network Abstraction 3.7.2 Reference Guide](#).

This chapter contains the following topics:

- [Huawei - Quidway@ S9300 Series Terabit Routing Switch, page 6-1](#)
- [Huawei - Quidway@ CX600-CarrierSwitch and ATN-Cellsite-Gateway, page 6-3](#)
- [Supported Technologies on Huawei Devices, page 6-6](#)

Huawei - Quidway@ S9300 Series Terabit Routing Switch

This section includes the following information about Quidway@S9300 Series devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see the [Huawei - Quidway@ S9300 Series Terabit Routing Switch](#)):

This section contains the following topics:

- [Quidway@S9300 Series—Supported Software Versions, page 6-2](#)
- [Quidway@S9300 Series—Supported Topologies, page 6-2](#)
- [Quidway@S9300 Series—Supported Modules, page 6-2](#)
- [Quidway@S9300 Series—Supported Technologies, page 6-3](#)
- [Quidway@S9300 Series—Supported Service Events, page 6-3](#)

Quidway@S9300 Series—Supported Software Versions

Table 6-1 Supported Software Versions for Quidway@S9300 Series—Cisco ANA Version 3.7.2 and 3.7.3

Software Version	ANA Version	DP Version
5.50	3.7.2	3.0

Quidway@S9300 Series—Supported Topologies

Table 6-2 Supported Topologies for Quidway@S9300 Series—Cisco ANA Version 3.7.2 and 3.7.3

Topology Type	Link Type	ANA Version	DP Version
Ethernet	Ethernet	3.7.2	3.0

Quidway@S9300 Series—Supported Modules

Table 6-3 Supported Modules for Quidway@S9300 Series—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
Power Module	3.7.2	Power Module	3.0
CMU	3.7.2	CMU manages the power supplies and fans of the system uniformly.	3.0
LPU	3.7.2	Line Processing Unit	3.0
MPU	3.7.2	Main Processing Unit	3.0
Fan	3.7.2	Fan	3.0

Quidway@S9300 Series—Supported Technologies

The following technologies are supported by the Juniper M-Series in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP, page 6-7](#)
- [Ethernet, page 6-8](#)
- [Hardware, page 6-8](#)
- [Serial, page 6-11](#)

Quidway@S9300 Series—Supported Service Events

Table 6-4 *Supported Service Events for JQuidway@S9300 Series—Cisco ANA Version 3.7.2 and 3.7.3*

Event Name	ANA Version	Expedited	DP Version
Link Down	3.7.2	N	3.0
Link Up	3.7.2	N	3.0

Huawei - Quidway@ CX600-CarrierSwitch and ATN-Cellsite-Gateway

This section includes the following information about Quidway@CX600-CarrierSwitch and ATN-Cellsite-Gateway devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see the [Huawei - Quidway@ CX600-CarrierSwitch and ATN-Cellsite-Gateway](#)):

This section contains the following topics:

- [Quidway@CX600/ATN Series—Supported Software Versions, page 6-4](#)
- [Quidway@CX600/ATN Series—Supported Topologies, page 6-4](#)
- [Quidway@CX600/ATN Series—Supported Modules, page 6-4](#)
- [Quidway@CX600/ATN Series—Supported Technologies, page 6-6](#)
- [Quidway@CX600/ATN Series—Supported Service Events, page 6-6](#)

Quidway@CX600/ATN Series—Supported Software Versions

Table 6-5 Supported Software Versions for Quidway@CX600/ATN Series—Cisco ANA Version 3.7.2 and 3.7.3

Software Version	ANA Version	DP Version
5.90	3.7.2/3.7.3	5.0

Quidway@CX600/ATN Series—Supported Topologies

Table 6-6 Supported Topologies for Quidway@CX600/ATN Series—Cisco ANA Version 3.7.2 and 3.7.3

Topology Type	Link Type	ANA Version	DP Version
Ethernet	Ethernet	3.7.2/3.7.3	5.0
MPBGP	MPBGP	3.7.2/3.7.3	5.0
L3 VPN	VPN	3.7.2/3.7.3	5.0

Quidway@CX600/ATN Series—Supported Modules

Table 6-7 Supported Modules for Quidway@CX600/ATN Series—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
Power Module	3.7.2/3.7.3	Power Module	5.0
Fan	3.7.2/3.7.3	Fan	5.0
CR53LPUF	3.7.2/3.7.3	CX600,CR53LPUFC0,Flexible Card Line Processing Unit(LPUF-10,four slots)	5.0
CR52LPUN	3.7.2/3.7.3	CX600,CR52LPUF40A,Flexible Card Line Processing Unit(LPUF-40,2 sub-slots) A (L3VPN,MVPN,IPv6 Enhanced)	5.0
CR52EEGFNB	3.7.2/3.7.3	20-Port 100/1000Base-X-SFP Flexible Card A(Supporting 1588v2)	5.0
CR52L2XXNB	3.7.2/3.7.3	2-Port 10GBase LAN/WAN-XFP Flexible Card A(Supporting 1588v2)	5.0
CR52LPUK	3.7.2/3.7.3	CX600,CX61LPUK31,Flexible Card Line Processing Unit(LPUF-21,2 sub-slots) B	5.0

Table 6-7 Supported Modules for Quidway@CX600/ATN Series—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)

Module Name	ANA Version	Module Description	DP Version
CR56RPUA	3.7.2/3.7.3	CX600,CX61SRU40A4,Switch and Route Processing Unit A4(Including 1*2G Memory and 1*1G CF Card)	5.0
CR57FRA40A	3.7.2/3.7.3	CX600,CX61SRU40A4,Switch and Route Processing Unit A4(Including 1*2G Memory and 1*1G CF Card)	5.0
CR57SFU40B	3.7.2/3.7.3	CX600,CX61SFU40C1,40Gbps Switch Fabric Unit C	5.0
CX67MPUG	3.7.2/3.7.3	CX600,CX67MPUG0,Main Processing Unit G(Including 1*1G CF Card)	5.0
CX67L2XX	3.7.2/3.7.3		5.0
CX67DE1A0	3.7.2/3.7.3	16-Port E1(120ohm) Flexible Interface Card (FIC)	5.0
CX67E8GFA	3.7.2/3.7.3	8-Port 100/1000Base-X-SFP High-speed Interface Card A (HIC, Supporting 1588v2)	5.0
CX67NPUI	3.7.2/3.7.3	CX600,CX67NPUI20,Network Processing Unit Integrated with 2-Port 10GBase LAN/WAN-XFP	5.0
CX67E8FE	3.7.2/3.7.3	8-Port 100Base-RJ45 Flexible Interface Card (FIC, Supporting 1588v2)	5.0
CX67C1CF0	3.7.2/3.7.3	1-Port Channelized OC3c/STM1c POS-SFP Flexible Interface Card (FIC)	5.0
AND1CXP	3.7.2/3.7.3	TND1CXP,System Control,Cross-connect and Multi-protocol Process Unit,1*1	5.0
AND1EG4F	3.7.2/3.7.3		5.0
AND1MD1B	3.7.2/3.7.3	TND1MD1B,32 Channels E1 Interface Board(120ohm) ,1*1	5.0
AND1EF8T	3.7.2/3.7.3	TND1EF8T, 8 Channels Fast Ethernet Electric Interface Board,1*1	5.0
CXP	3.7.2/3.7.3	TND1CXP,System Control,Cross-connect and Multi-protocol Process Unit,1*1	5.0
ANC1CXPB	3.7.2/3.7.3	ANC1CXPB,System Control,Cross-connect and Multi-protocol Process Unit(120ohm),1*1	5.0
AND1VIRCARD	3.7.2/3.7.3		5.0
AND1EG2	3.7.2/3.7.3	ATN	5.0

Quidway@CX600/ATN Series—Supported Technologies

The following technologies are supported by the Quidway@CX600/ATN Series in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP, page 6-7](#)
- [Ethernet, page 6-8](#)
- [Hardware, page 6-8](#)
- [Routing Protocols, page 6-9](#)
- [Serial, page 6-11](#)
- [LLDP, page 6-11](#)
- [VPN \(VRF\), page 6-12](#)

Quidway@CX600/ATN Series—Supported Service Events

Table 6-8 *Supported Service Events for Quidway@CX600/ATN Series—Cisco ANA Version 3.7.2 and 3.7.3*

Event Name	ANA Version	Expedited	DP Version
Link Down	3.7.2/3.7.3	N	5.0
Link Up	3.7.2/3.7.3	N	5.0

Supported Technologies on Huawei Devices

The following sections list the objects and attributes that are supported on Huawei devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

This section contains the following topics:

- [IP, page 6-7](#)
- [Ethernet, page 6-8](#)
- [Hardware, page 6-8](#)
- [Routing Protocols, page 6-9](#)
- [Serial, page 6-11](#)
- [LLDP, page 6-11](#)
- [VPN \(VRF\), page 6-12](#)

IP

Table 6-9 IP Attribute Support on Huawei Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	S9300-Series	CX600 and ATN
IMO Name—IPIInterface		
IP Address	Y	Y
Subnetwork Mask	Y	Y
Interface Name	Y	Y
IP Interface State	Y	Y
IMO Name—IRoutingEntity		
Routing Table	Y	Y
ARP Entity	Y	Y
Name	Y	Y
Logical Sons	Y	Y
IMO Name—IRoutingEntry		
Destination IP Subnet	Y	Y
Next Hop IP Address	Y	Y
Type	Y	Y
Routing Protocol Type	Y	Y
Outgoing Interface Name	Y	Y
IMO Name—IARPEntity		
ARP Table	Y	Y
IMO Name—IARPEntity		
Name	Y	Y
IP Address	Y	Y
MAC Address	Y	Y
Port		Y
Entity Type	Y	Y

Ethernet

Table 6-10 Ethernet Attribute Support on Huawei Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	S9300-Series	CX600 and ATN
IMO Name—IEthernet		
MAC Address	Y	Y

Hardware

Table 6-11 Hardware Attribute Support on Huawei Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	S9300-Series	CX600 and ATN
IMO Name—IChassis		
Description	Y	Y
Equipment Holder Type	Y	Y
Serial Number	Y	Y
IMO Name—IModule		
Module Name	Y	Y
Module Description	Y	Y
Software Version	Y	Y
Hardware Type + Version	Y	Y
Serial Number (soft property)	Y	Y
Fan Description		Y
Hardware version		Y
Power Supply Description		Y
Hardware version		Y
IMO Name—IManagedElement		
IP Address	Y	Y
Communication State	Y	Y
Investigation State	Y	Y
Element Category	Y	Y

Table 6-11 Hardware Attribute Support on Huawei Devices—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)

Attribute	S9300-Series	CX600 and ATN
Element Type and Key	Y	Y
Device Name	Y	Y
System Name	Y	Y
System Description	Y	Y
Up Time	Y	Y
Software Version	Y	Y
Vendor Identity	Y	Y

Routing Protocols

Table 6-12 Routing Protocols Attribute Support on Huawei Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	S9300-Series	CX600 and ATN
IMO Name—IIBgpNeighborEntry		
Remote Identifier		Y
Remote Address		Y
Remote Autonomous System		Y
Peer State		Y
Hold Time		Y
Keep Alive Time		Y
VrfName		Y
Address family		Y
IMO Name—IIOspfProcess		
Process Id		Y
OSPF Version		Y
Router Id		Y

Table 6-12 Routing Protocols Attribute Support on Huawei Devices—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)

Attribute	S9300-Series	CX600 and ATN
IMO Name—IOSpfNeighbor		
Neighbor Id		Y
Outgoing Interface		Y
State		Y
Neighbor Interface Address		Y
Area Id		Y
IMO Name—IIOspfInterface		
Area Id		Y
Network Type		Y
Cost		Y
State		Y
Interface Address		Y
Interface name		Y
Type		Y
IF Proirity		Y
DR Id		Y
BDR Id		Y
IMO Name—ISpfTimers		
Schedule Delay		Y
Min Hold Time		Y
Max Wait Time		Y

Serial

Table 6-13 Serial Attribute Support on Huawei Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	S9300-Series	CX600 and ATN
IM0 Name—IPhysicalLayer		
Media Type	Y	Y
Maximum Speed	Y	Y
Is Internal Port	Y	Y
Discarded and Received Input Data Counters	Y	Y
Dropped and Forward Output Data Counters	Y	Y
Administrative Status	Y	Y
Operational Status	Y	Y
Last Changed	Y	Y
IANA Type	Y	Y

LLDP

Table 6-14 LLDP Attribute Support on Huawei Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	S9300-Series	CX600 and ATN
IM0 Name—ILLDPService		
status		Y
lldpAdvertisementsInterval		Y
lldpHoldTime		Y
lldpReinitialisationDelay		Y
localChassisID		Y
localSystemName		Y
IM0 Name—ILLDPNeighbor		
localPortName		Y

Table 6-14 LLDP Attribute Support on Huawei Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	S9300-Series	CX600 and ATN
remotePortDesc		Y
remoteChassisId		Y
remoteManagementIP		Y
localPortId		Y
remotePortId		Y
remoteSystemName		Y

VPN (VRF)

Table 6-15 VPN (VRF) Attribute Support on Huawei Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	S9300-Series	CX600 and ATN
IMO Name—IVrf		
Virtual Routing Table		Y
Exported Route Targets		Y
Imported Route Targets		Y
Route Distinguisher		Y
Name		Y
IMO Name—IVrfEntry		
Destination IP Subnet		Y
Next Hop IP Address		Y
Type		Y
Routing Protocol Type		Y
Outgoing Interface Name		Y
IMO Name—IMpBgp		
BGP Identifier		Y
Local Autonomous System		Y
BGP Neighbors		Y



CHAPTER 7

Support Information for Juniper Devices

This chapter contains support information for Virtual Network Elements (VNEs) that manage Juniper devices in Cisco ANA Version 3.7.2 and 3.7.3. For more information about the objects and attributes described in this chapter, see the [Cisco Active Network Abstraction 3.7.2 Reference Guide](#).

This chapter contains the following topics:

- [Juniper E-Series ERX Edge Routing Switches, page 7-1](#)
- [Juniper JCS Control System, page 7-4](#)
- [Juniper M-Series Multiservice Edge Routers, page 7-6](#)
- [Juniper MX-Series Ethernet Service Routers, page 7-12](#)
- [Juniper Netscreen Security Firewall/VPN Device, page 7-17](#)
- [Juniper T-Series Core Platforms, page 7-19](#)
- [Supported Technologies on Juniper Devices, page 7-23](#)

Juniper E-Series ERX Edge Routing Switches

This section includes the following information about Juniper E-Series devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see the [Juniper E-Series ERX Edge Routing Switches](#)):

This section contains the following topics:

- [Juniper E-Series—Supported Software Versions, page 7-2](#)
- [Juniper E-Series—Supported Topologies, page 7-2](#)
- [Juniper E-Series—Supported Modules, page 7-2](#)
- [Juniper E-Series—Supported Technologies, page 7-3](#)
- [Juniper E-Series—Supported Service Events, page 7-3](#)

Juniper E-Series—Supported Software Versions

Table 7-1 Supported Software Versions for Juniper E-Series—Cisco ANA Version 3.7.2 and 3.7.3

Software Version	ANA Version	DP Version
5.2.4 patch-0.2	3.7.2	3.0

Juniper E-Series—Supported Topologies

Table 7-2 Supported Topologies for Juniper E-Series—Cisco ANA Version 3.7.2 and 3.7.3

Topology Type	Link Type	ANA Version	DP Version
Ethernet	Ethernet	3.7.2	3.0
Physical Layer	Physical Layer	3.7.2	3.0

Juniper E-Series—Supported Modules

Table 7-3 Supported Modules for Juniper E-Series—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
OC3 quad port, ATM	3.7.2	OC-3/STM-1 ATM Line Modules	3.0
System/Route Processor 10G ECC	3.7.2	System/Route Processor 10G ECC	3.0
Fully Channelized E1	3.7.2	Fully Channelized E1	3.0
Fast Ethernet 8-port	3.7.2	Fast Ethernet 8-port	3.0
Dual Port Fast Ethernet	3.7.2	Dual Port Fast Ethernet	3.0
OC12/STM-4 Packet over SONET Line Modules	3.7.2	OC12/STM-4 Packet over SONET Line Modules	3.0
OC-12/STM-4 ATM Line Modules	3.7.2	OC-12/STM-4 ATM Line Modules	3.0
OC3/STM-1 Packet over SONET Line Modules	3.7.2	OC3/STM-1 Packet over SONET Line Modules	3.0
Gigabit Ethernet Line Modules	3.7.2	Gigabit Ethernet Line Modules	3.0
Generic OC3/OC12 POS (multi-personality)	3.7.2	Generic OC3/OC12 POS (multi-personality)	3.0
Generic OC3/OC12 ATM (multi-personality)	3.7.2	Generic OC3/OC12 ATM (multi-personality)	3.0
Channelized T3 Line Module	3.7.2	Channelized T3 Line Module	3.0
UnChannelized T3	3.7.2	UnChannelized T3	3.0

Table 7-3 *Supported Modules for Juniper E-Series—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	ANA Version	Module Description	DP Version
Channelized OC3/STM-1	3.7.2	Channelized OC3/STM-1	3.0
OC48/STM-16 Packet over SONET Line Modules	3.7.2	OC48/STM-16 Packet over SONET Line Modules	3.0
T3 ATM (4 ports)	3.7.2	T3 ATM (4 ports)	3.0
T3 Frame (12 ports)	3.7.2	T3 Frame (12 ports)	3.0
E3 ATM	3.7.2	E3 ATM	3.0
E3 Frame (12 ports)	3.7.2	E3 Frame (12 ports)	3.0

Juniper E-Series—Supported Technologies

The following technologies are supported by the Juniper E-Series in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP, page 7-24](#)
- [Routing Protocols, page 7-25](#)
- [Ethernet, page 7-25](#)
- [MPLS, page 7-28](#)
- [VPN \(VRF\), page 7-30](#)
- [Hardware, page 7-31](#)
- [Serial, page 7-32](#)

Juniper E-Series—Supported Service Events

Table 7-4 *Supported Service Events for Juniper E-Series—Cisco ANA Version 3.7.2 and 3.7.3*

Event Name	ANA Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2	Y	3.0
All IP Interfaces Down	3.7.2	Y	3.0
BGP process up	3.7.2	N	3.0
Card Down	3.7.2	Y	3.0
Card In	3.7.2	Y	3.0
Card Out	3.7.2	Y	3.0
Card Up	3.7.2	Y	3.0
Cloud Problem	3.7.2	N	3.0
CPU utilization exceeded upper threshold	3.7.2	N	3.0
Device Unreachable	3.7.2	N	3.0

Table 7-4 Supported Service Events for Juniper E-Series—Cisco ANA Version 3.7.2 and 3.7.3

Event Name	ANA Version	Expedited	DP Version
Device Unsupported	3.7.2	N	3.0
Interface status down flapping	3.7.2	Y	3.0
Interface status down flapping update	3.7.2	Y	3.0
Keepalive configured	3.7.2	N	3.0
Keepalive not configured	3.7.2	N	3.0
Layer 2 Tunnel Down	3.7.2	N	3.0
Link Down	3.7.2	N	3.0
Link up	3.7.2	N	3.0
Memory utilization exceeded upper threshold	3.7.2	Y	3.0
Module Unsupported	3.7.2	N	3.0
Port Down	3.7.2	N	3.0
Port Flapping	3.7.2	N	3.0
Rx utilization exceeded upper threshold	3.7.2	N	3.0
Tx utilization exceeded upper threshold	3.7.2	N	3.0
VPN Leak	3.7.2	N	3.0

Juniper JCS Control System

This section includes the following information about Juniper JCS Control System devices (for information on the NE types supported in Cisco ANA Version 3.7.2/3.7.3, see the [Juniper JCS Control System](#)):

This section contains the following topics:

- [Juniper JCS—Supported Software Versions, page 7-5](#)
- [Juniper JCS—Supported Topologies, page 7-5](#)
- [Juniper JCS—Supported Modules, page 7-5](#)
- [Juniper JCS—Supported Technologies, page 7-5](#)
- [Juniper JCS—Supported Service Events, page 7-6](#)

Juniper JCS—Supported Software Versions

Table 7-5 Supported Software Versions for Juniper JCS—Cisco ANA Version 3.7.2/3.7.3

Software Version	ANA Version	DP Version
10.0R3.10	3.7.2/3.7.3	6.0
10.0S8.2	3.7.2/3.7.3	6.0

Juniper JCS—Supported Topologies

Table 7-6 Supported Topologies for Juniper JCS—Cisco ANA Version 3.7.2/3.7.3

Topology Type	Link Type	ANA Version	DP Version
Ethernet	Ethernet	3.7.2/3.7.3	6.0
Physical Layer	Physical Layer	3.7.2/3.7.3	6.0

Juniper JCS—Supported Modules

Table 7-7 Supported Modules for Juniper JCS—Cisco ANA Version 3.7.2/3.7.3

Module Name	ANA Version	Module Description	DP Version
Mid Plane	3.7.2/3.7.3 ¹	Midplane	6.0
Routing Engine	3.7.2/3.7.3	Routing engine	6.0
PCMCIA card	3.7.2/3.7.3	Blade Bay data	6.0

¹The midplane is a panel located in the center of the chassis, running from side to side and forming the rear of the PIC card cage. All router components plug directly into the midplane. This means the midplane is just a holder for the PICs inside the chassis. If the midplane for Juniper VNEs in ANA is not supported, a "device unsupported" alarm is generated. The midplane for Juniper VNEs will not be displayed in the Network Vision GUI.

Juniper JCS—Supported Technologies

The following technologies are supported by the Juniper JCS in Cisco ANA Version 3.7.2/3.7.3:

- [IP, page 7-24](#)
- [Routing Protocols, page 7-25](#)

- [Ethernet, page 7-25](#)
- [Hardware, page 7-31](#)
- [BFD, page 7-34](#)

Juniper JCS—Supported Service Events

Table 7-8 *Supported Service Events for Juniper JCS—Cisco ANA Version 3.7.2/3.7.3*

Event Name	ANA Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2/3.7.3	Y	8.0
All IP Interfaces Down	3.7.2/3.7.3	Y	8.0
Link Down	3.7.2/3.7.3	N	8.0
Link Up	3.7.2/3.7.3	N	8.0

Juniper M-Series Multiservice Edge Routers

This section includes the following information about Juniper M-Series devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see the [Juniper M-Series Multiservice Edge Routers](#)):

This section contains the following topics:

- [Juniper M-Series—Supported Software Versions, page 7-6](#)
- [Juniper M-Series—Supported Topologies, page 7-7](#)
- [Juniper M-Series—Supported Modules, page 7-7](#)
- [Juniper M-Series—Supported Technologies, page 7-11](#)
- [Juniper M-Series—Supported Service Events, page 7-11](#)

Juniper M-Series—Supported Software Versions

Table 7-9 *Supported Software Versions for Juniper M-Series—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	ANA Version	DP Version
7.1R2.2	3.7.2	1.0

Table 7-9 *Supported Software Versions for Juniper M-Series—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Software Version	ANA Version	DP Version
7.6 R3.6	3.7.2	1.0
7.6 R4.2	3.7.2	1.0
7.6 R4.3	3.7.2	1.0
8.1R2.4	3.7.2	1.0
8.1R4.3	3.7.2	1.0
8.2R3.5	3.7.2	1.0
8.2R3.6	3.7.2	1.0
8.1R4.3	3.7.2	1.0
9.0R1.10	3.7.2	1.0
9.3S2	3.7.2	1.0

Juniper M-Series—Supported Topologies

Table 7-10 *Supported Topologies for Juniper M-Series—Cisco ANA Version 3.7.2 and 3.7.3*

Topology Type	Link Type	ANA Version	DP Version
Ethernet	Ethernet	3.7.2	1.0

Juniper M-Series—Supported Modules

Table 7-11 *Supported Modules for Juniper M-Series—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	ANA Version	Module Description	DP Version
CB	3.7.2	Control Board	1.0
CFEB INTERNET PROCESSOR II	3.7.2	Fuse Module	1.0
CIP	3.7.2	Connector Interface Pannel	1.0
FPC: M320 FPC TYPE 1	3.7.2	Flexible PIC Concentrators	1.0
FPM GBUS	3.7.2	Fuse Module	1.0
JNXCBD	3.7.2	CBD	1.0
JNXFAN	3.7.2	Fan	1.0
JNXFPB	3.7.2	FPB	1.0
JNXFPC	3.7.2	FPC	1.0
JNXHM	3.7.2	HM	1.0

Table 7-11 Supported Modules for Juniper M-Series—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
JNXPICTYPE3TENPORTGIGETHER	3.7.2	PIC: 10x 1GE(LAN), 1000 BASE	1.0
JNXPOWER	3.7.2	Power Supply	1.0
M10I HCM	3.7.2	M10i High-Availability Chassis Manager	1.0
M10I MIDPLANE	3.7.2 ¹	M10i Midplane	1.0
M320-FPC2	3.7.2	Juniper Networks Flexible PIC Concentrator FPC2 - expansion module	1.0
M320MIDPLANE	3.7.2 ²	M320 Midplane	1.0
MEM-FPC-512-S	3.7.2	Optional FPC Memory Upgrade	1.0
PB-1GE-SFP-QPP	3.7.2	1 PORT GIGABIT ETHERNET IQ PIC (USES SFP OPTICS MODULES - SEE INTERFACE ACCESSORIES SECTION)	1.0
PB-2GE-SFP-QPP	3.7.2	2-Port Gigabit Ethernet Services PIC with QPP	1.0
PB-2GE-SFP-QPP	3.7.2	2-Port Gigabit Ethernet IQ PIC (Uses SFP Optics Modules)	1.0
PB-2OC3-ATM2-SMIR	3.7.2	2-PORT OC-3/STM1 ATM SERVICES PIC, SINGLE MODE, IR (WITH DIFF. SERV)	1.0
PB-4CHDS3-QPP	3.7.2	4-Port Channelized DS3 to DS0 Services PIC with QPP, BNC	1.0
PB-4GE-SFP	3.7.2	Juniper Networks expansion module	1.0
PB-4GE-SFP	3.7.2	4-Port Gigabit Ethernet PIC (Requires pluggable SFP Optics Modules: SFP-1GE-SX, SFP-1GE-LX, SFP-1GE-LH, or SFP-1GE-T - See Interface Accessories section)	1.0
PB-4OC3-SON-SMIR	3.7.2	4-Port SONET/SDH OC3/STM-1 PIC, SingleMode IR, for M160-FPC1	1.0
PC-1XGE-XENPAC	3.7.2	1 PORT 10 GIGABIT Ethernet PIC M320,T320,T640	1.0
PC-4OC3-SON-SMIR	3.7.2	4-port SONET,SDH OC3,STM1 PIC, SMIR (For use with T640 and T320 FPC2)	1.0
PC-8GE-TYPE3-SFP-IQ2	3.7.2	8-Port Type3 Gigabit Ethernet IQ2 PIC (Uses SFP Optics Modules - See Interface Accessories section)	1.0
PEM	3.7.2	AC/DC Power Supply	1.0
PIC: 10X CHE1 IQ	3.7.2	10 Port Channelized E1 IQ PIC	1.0

Table 7-11 Supported Modules for Juniper M-Series—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
PIC: 1X 10GE(LAN/WAN) IQ2	3.7.2	1Port 10-Gigabit Ethernet IQ2 PIC with XFP	1.0
PIC: 1X CHSTM1 IQ SDH, SMIR	3.7.2	1 Port Channelized STM1 IQ PIC	1.0
PIC: 1X G/E IQ, 1000 BASE	3.7.2	1 Port Gigabit Ethernet IQ PIC with SFP	1.0
PIC: 1X G/E, 1000 BASE	3.7.2	1 Port Gigabit Ethernet PIC with SFP	1.0
PIC: 1X G/E, 1000 BASE-SX	3.7.2	1 Port Gigabit Ethernet IQ PIC with SFP	1.0
PIC: 1X OC-12 SONET, SMIR	3.7.2	1 Port SONET/SDH OC12c/STM4 PIC	1.0
PIC: 1X OC-48 SONET SFP	3.7.2	1 Port SONET/SDH OC48c/STM16 PIC with SFP	1.0
PIC: 1X STM-16 SDH, SMSR	3.7.2	1 Port STM16 PIC with SFP	1.0
PIC: 1X STM-4 SDH, MM	3.7.2	1 Port SONET/SDH OC12c/STM4 PIC	1.0
PIC: 1X TUNNEL	3.7.2	Tunnel Services PIC	1.0
PIC: 2X OC-3 ATM-II IQ, SMIR	3.7.2	2 Port ATM2 OC3/STM1 IQ PIC	1.0
PIC: 2X T3	3.7.2	2 Port T3 PIC	1.0
PIC: 4X CHDS3 IQ	3.7.2	4 Port Channelized DS3 IQ PIC	1.0
PIC: 4X E1, RJ48	3.7.2	4-Port E1 with RJ48 connectors	1.0
PIC: 4X E3 IQ	3.7.2	4 Port E3 IQ PIC	1.0
PIC: 4X F/E, 100 BASE-TX	3.7.2	4 100Base-TX ports Fast Ethernet PICs	1.0
PIC: 4X STM-1 SDH, SMIR	3.7.2	4 Port SONET/SDH OC3c/STM1 PIC	1.0
PIC: 4X STM-4 SDH, SMIR	3.7.2	4 Port SONET/SDH OC12c/STM4 PIC	1.0
PIC: ADAPTIVE SERVICES-II	3.7.2	Physical Interface Card	1.0
RE-1600-2048-BB	3.7.2	Juniper M-Series routing engine with 1600MHz panel and 2GB memory - Base Bundle	1.0
ROUTING ENGINE 0	3.7.2	Routing Engine	1.0
SFP-1GE-LX	3.7.2	Small Form Factor Pluggable 1000Base-LX Gigabit Ethernet Optic Module	1.0
SIB	3.7.2	Switch Interface Board	1.0
TOP FAN	3.7.2	Fan Module	1.0
XENPAK-1XGE-LR	3.7.2	Juniper Networks transceiver module	1.0
JNXM20FPC	3.7.2/3.7.3	FPC	4.0
JNXM20FAN	3.7.2/3.7.3	Fan Tray - M20	4.0
JNXM20SSB	3.7.2/3.7.3	SSB	4.0

Table 7-11 Supported Modules for Juniper M-Series—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
JNXBACKPLANEM20	3.7.2/3.7.3	Backplane	4.0
JNXM20RE	3.7.2/3.7.3	Routing Engine 0	4.0
JNXM20POWER	3.7.2/3.7.3	PEM	4.0
JNXM20FRONTPANEL	3.7.2/3.7.3	Front Panel	4.0
JNXM40EFPC	3.7.2/3.7.3	FPC	4.0
JNXM40EFan	3.7.2/3.7.3	Fan Tray - M40e	4.0
JNXM40ESFM	3.7.2/3.7.3	SFM	4.0
JNXMIDPLANEM40e	3.7.2/3.7.3	Midplane	4.0
JNXM40EHM	3.7.2/3.7.3	Routing Engine 0	4.0
JNXM40EPOWER	3.7.2/3.7.3	PEM	4.0
JNXM40EPCG	3.7.2/3.7.3	PCG	4.0
JNXM40EMCS	3.7.2/3.7.3	MCS	4.0
JNXM40EFPM	3.7.2/3.7.3	FPM	4.0
JNXM40ECIP	3.7.2/3.7.3	CIP	4.0
JNXM120FEB	3.7.2/3.7.3	FEB	4.0
PIC: 4x OC-3 SONET SMIR	3.7.2/3.7.3	4 Port SONET/SDH OC3/STM4 PIC	6.0
PIC: ASP - Integrated	3.7.2/3.7.3	PIC: ASP - Integrated	6.0
PIC: 2x F/E, 100 BASE-TX	3.7.2/3.7.3	2 Port Fast Ethernet PIC with SFP	6.0
M7i Midplane	3.7.2/3.7.3	M7i Midplane	6.0
PIC: 2x CHSTM-1 IQE SDH	3.7.2/3.7.3	2 Port Channelized STM PIC	7.0

^{1,2}The midplane is a panel located in the center of the chassis, running from side to side and forming the rear of the PIC card cage. All router components plug directly into the midplane. This means the midplane is just a holder for the PICs inside the chassis. If the midplane for Juniper VNEs in ANA is not supported, a "device unsupported" alarm is generated. The midplane for Juniper VNEs will not be displayed in the Network Vision GUI.

Juniper M-Series—Supported Technologies

The following technologies are supported by the Juniper M-Series in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP, page 7-24](#)
- [Routing Protocols, page 7-25](#)
- [Ethernet, page 7-25](#)
- [ATM, page 7-26](#)
- [Frame Relay, page 7-27](#)
- [PPP, page 7-28](#)
- [HDLC, page 7-28](#)
- [MPLS, page 7-28](#)
- [VPN \(VRF\), page 7-30](#)
- [Hardware, page 7-31](#)
- [Serial, page 7-32](#)

Juniper M-Series—Supported Service Events

Table 7-12 Supported Service Events for Juniper M-Series—Cisco ANA Version 3.7.2 and 3.7.3

Event Name	ANA Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2	Y	1.0
All IP Interfaces Down	3.7.2	Y	1.0
BGP process up	3.7.2	N	1.0
Card Down	3.7.2	Y	1.0
Card In	3.7.2	Y	1.0
Card Out	3.7.2	Y	1.0
Card Up	3.7.2	Y	1.0
Cloud Problem	3.7.2	N	1.0
CPU utilization exceeded upper threshold	3.7.2	N	1.0
Device Unreachable	3.7.2	N	1.0
Device Unsupported	3.7.2	N	1.0
Interface status down flapping	3.7.2	Y	1.0

Table 7-12 *Supported Service Events for Juniper M-Series—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Event Name	ANA Version	Expedited	DP Version
Interface status down flapping update	3.7.2	Y	1.0
Keepalive configured	3.7.2	N	1.0
Keepalive not configured	3.7.2	N	1.0
Layer 2 Tunnel Down	3.7.2	N	1.0
Link Down	3.7.2	N	1.0
Link up	3.7.2	N	1.0
Memory utilization exceeded upper threshold	3.7.2	N	1.0
Module Unsupported	3.7.2	N	1.0
Port Down	3.7.2	N	1.0
Port Flapping	3.7.2	N	1.0
Rx utilization exceeded upper threshold	3.7.2	N	1.0
Tx utilization exceeded upper threshold	3.7.2	N	1.0
VPN Leak	3.7.2	N	1.0

Juniper MX-Series Ethernet Service Routers

This section includes the following information about Juniper MX-Series devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see the [Juniper MX-Series Ethernet Service Routers](#)):

This section contains the following topics:

- [Juniper MX-Series—Supported Software Versions, page 7-13](#)
- [Juniper MX-Series—Supported Topologies, page 7-13](#)
- [Juniper MX-Series—Supported Modules, page 7-13](#)
- [Juniper MX-Series—Supported Technologies, page 7-14](#)
- [Juniper MX-Series—Supported Service Events, page 7-14](#)

Juniper MX-Series—Supported Software Versions

Table 7-13 *Supported Software Versions for Juniper MX-Series—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	ANA Version	DP Version
9.2S2	3.7.2	2.0

Table 7-13 *Supported Software Versions for Juniper MX-Series—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Software Version	ANA Version	DP Version
9.2-20081012.0	3.7.2	2.0
9.2R4.4	3.7.2	2.0
10.0S7.1	3.7.2	2.0
9.3R4.4	3.7.2	2.0

Juniper MX-Series—Supported Topologies

Table 7-14 *Supported Topologies for Juniper MX-Series—Cisco ANA Version 3.7.2 and 3.7.3*

Topology Type	Link Type	ANA Version	DP Version
Ethernet	Ethernet	3.7.2	2.0
Physical Layer	Physical Layer	3.7.2	2.0

Juniper MX-Series—Supported Modules

Table 7-15 *Supported Modules for Juniper MX-Series—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	ANA Version	Module Description	DP Version
MX960 Midplane	3.7.2	MX960 Midplane	2.0
FPM Board	3.7.2	MX960 Front Panel Display	2.0
PDM	3.7.2	MX960 Power Distribution Module	2.0
PEM	3.7.2	PS 1.7kW	2.0
200-240VAC in Routing Engine 1	3.7.2	RE-S-2000	2.0
CB	3.7.2	MX SCB (Switch Control Board)	2.0
MX960FPC	3.7.2	DPCE 40x 1GE REQ	2.0
MX960 CPU FPC	3.7.2	DPC 4x 10GE R	2.0
MX960 CPU	3.7.2	DPC PMB	2.0
PIC: 1x10GE(LAN/WAN)	3.7.2	PIC: 1x10GE(LAN/WAN)	2.0
Xcvr 0: XFP-10G-LR	3.7.2	XFP-10G-LR	2.0
Xcvr 0: XFP-10G-SR	3.7.2	XFP-10G-SR	2.0
MX960 FPC 9	3.7.2	DPC 40x 1GE R	2.0
Top Fan Tray	3.7.2	Top Fan Tray	2.0
Bottom Fan Tray	3.7.2	Bottom Fan Tray	2.0
MX480 Midplane	3.7.2	MX480 Midplane	3.0
FPM Board	3.7.2	MX480 Front Panel Display	3.0

Table 7-15 Supported Modules for Juniper MX-Series—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
PEM	3.7.2	PEM	3.0
Rear Fan Tray	3.7.2	Rear Fan Tray	3.0
MX240 Midplane	3.7.2/3.7.3	MX240 Midplane	4.0

Juniper MX-Series—Supported Technologies

The following technologies are supported by the Juniper MX-Series in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP, page 7-24](#)
- [Routing Protocols, page 7-25](#)
- [Ethernet, page 7-25](#)
- [ATM, page 7-26](#)
- [Frame Relay, page 7-27](#)
- [MPLS, page 7-28](#)
- [VPN \(VRF\), page 7-30](#)
- [Hardware, page 7-31](#)
- [Serial, page 7-32](#)
- [Carrier Ethernet, page 7-33](#)
- [BFD, page 7-34](#)
- [LLDP, page 7-34](#)

Juniper MX-Series—Supported Service Events

Table 7-16 Supported Service Events for Juniper MX-Series—Cisco ANA Version 3.7.2 and 3.7.3

Event Name	ANA Version	Expedited	DP Version
Primary HSRP Interface Active/Inactive	3.7.2	N	2.0
Secondary HSRP Interface Active/Inactive	3.7.2	N	2.0
All IP Interfaces Down / Active IP Interfaces Found	3.7.2	N	2.0
Interface Status Down/Up	3.7.2	N	2.0
Card In/Out	3.7.2	N	2.0

Table 7-16 *Supported Service Events for Juniper MX-Series—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Event Name	ANA Version	Expedited	DP Version
Link Down/Up	3.7.2	N	2.0
Device Unreachable	3.7.2	N	2.0
CPU Over Utilized	3.7.2	N	2.0
Memory Over Utilized	3.7.2	N	2.0
Device Unsupported	3.7.2	N	2.0
Discard Packets	3.7.2	N	2.0
Dropped Packets	3.7.2	N	2.0
Module Unsupported	3.7.2	N	2.0
Port Flapping	3.7.2	N	2.0
Port Down	3.7.2	N	2.0
Rx Over Utilized	3.7.2	N	2.0
Tx Over Utilized	3.7.2	N	2.0
VPN Leak	3.7.2	N	2.0
Cloud Problem	3.7.2	N	2.0
Broken LSP Discovered	3.7.2	N	2.0
MPLS Black Hole	3.7.2	N	2.0
Layer 2 Tunnel Down	3.7.2	N	2.0
MPLS TE Tunnel Down/Flapping	3.7.2	N	2.0
BGP Neighbor Down	3.7.2	N	2.0
Card Up/Down	3.7.2	N	2.0
VSI Up/Down	3.7.2	N	2.0
VSI Admin Down	3.7.2	N	2.0
EFP Up/Down	3.7.2	N	2.0
EFP Admin Down	3.7.2	N	2.0
EFP down due to error disabled	3.7.2	N	2.0
Vlan Tagged Interface Up/Down	3.7.2	N	2.0
Vlan Tagged Interface AdminDown	3.7.2	N	2.0
DS1 Path Port Down	3.7.2	N	2.0
DS1 Path Port Up	3.7.2	N	2.0
DS1 Path link down due to Admin down	3.7.2	N	2.0
DS1 Path link down due to Oper down	3.7.2	N	2.0
DS1 Path link Up	3.7.2	N	2.0
Sonet Path Port Down	3.7.2	N	2.0
Sonet Path Port Up	3.7.2	N	2.0

Table 7-16 *Supported Service Events for Juniper MX-Series—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Event Name	ANA Version	Expedited	DP Version
Sonet Path link down due to Admin down	3.7.2	N	2.0
Sonet Path link down due to Oper down	3.7.2	N	2.0
Sonet Path link Up	3.7.2	N	2.0
MLPPP down due to Admin down	3.7.2	N	2.0
MLPPP down due to Oper down	3.7.2	N	2.0
MLPPP Up	3.7.2	N	2.0
Low priority IMA Down	3.7.2	N	2.0
Medium priority IMA Down	3.7.2	N	2.0
High priority IMA Down	3.7.2	N	2.0
IMA Oper down	3.7.2	N	2.0
IMA Admin down	3.7.2	N	2.0
IMA Up	3.7.2	N	2.0
Keepalive set	3.7.2	N	2.0
Keepalive not set	3.7.2	N	2.0
DS0 Bundle Admin down	3.7.2	N	2.0
DS0 Bundle Oper down	3.7.2	N	2.0
DS0 Bundle Up	3.7.2	N	2.0
CFM Domain Fault	3.7.2	N	2.0
CGN statistics dropsResourceDepletionIn2Out higher threshold exceeded	3.7.2	N	2.0
CGN statistics dropsSystemLimitIn2Out higher threshold exceeded	3.7.2	N	2.0
CGN statistics dropsPortLimitIn2Out higher threshold exceeded	3.7.2	N	2.0
CGN statistics fwdOut2In higher threshold exceeded	3.7.2	N	2.0
CGN statistics fwdIn2Out higher threshold exceeded	3.7.2	N	2.0
LDP neighbor down	3.7.2	N	2.0
LDP neighbor up	3.7.2	N	2.0
MPLS interface added	3.7.2	N	2.0
MPLS interface removed	3.7.2	N	2.0

Table 7-16 *Supported Service Events for Juniper MX-Series—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Event Name	ANA Version	Expedited	DP Version
MPLS TE FRR State Changed to Active	3.7.2	N	2.0
MPLS TE FRR State Changed to Ready	3.7.2	N	2.0
MPLS-TE tunnel reoptimized	3.7.2	N	2.0
MPLS-TE tunnel rerouted	3.7.2	N	2.0
MPLS-TE tunnel up	3.7.2	N	2.0
OSPFneighbor down	3.7.2	N	2.0
OSPFneighbor up	3.7.2	N	2.0

Juniper Netscreen Security Firewall/VPN Device

This section includes the following information about Juniper Netscreen Security Firewall/VPN devices (for information on the NE types supported in Cisco ANA Version 3.7.2/3.7.3, see the [Juniper Netscreen Security Firewall/VPN Device](#)):

This section contains the following topics:

- [Juniper NetScreen Security Firewall/VPN Device—Supported Software Versions, page 7-17](#)
- [Juniper NetScreen Security Firewall/VPN Device—Supported Topologies, page 7-18](#)
- [Juniper NetScreen Security Firewall/VPN Device—Supported Modules, page 7-18](#)
- [Juniper NetScreen Security Firewall/VPN Device—Supported Technologies, page 7-18](#)
- [Juniper NetScreen Security Firewall/VPN Device—Supported Service Events, page 7-19](#)

Juniper NetScreen Security Firewall/VPN Device—Supported Software Versions

Table 7-17 *Supported Software Versions for Juniper NetScreen Security Firewall/VPN Device—Cisco ANA Version 3.7.2/3.7.3*

Software Version	ANA Version	DP Version
ScreenOS 6.2 revision 2 Cb8	3.7.2/3.7.3	6.0
Screen OS6.3.0revision7.0	3.7.2/3.7.3	6.0

Juniper NetScreen Security Firewall/VPN Device—Supported Topologies

Table 7-18 *Supported Topologies for Juniper NetScreen Security Firewall/VPN Device — Cisco ANA Version 3.7.2/3.7.3*

Topology Type	Link Type	ANA Version	DP Version
Ethernet	Ethernet	3.7.2/3.7.3	6.0
Physical Layer	Physical Layer	3.7.2/3.7.3	6.0

Juniper NetScreen Security Firewall/VPN Device—Supported Modules

Table 7-19 *Supported Modules for Juniper NetScreen Security Firewall/VPN Device — Cisco ANA Version 3.7.2/3.7.3*

Module Name	ANA Version	Module Description	DP Version
Fan Tray	3.7.2/3.7.3	Fan Tray	6.0
5000-MG3	3.7.2/3.7.3	Management Module 3	6.0
5000-8G2-G4	3.7.2/3.7.3	8 x GigE Secure Port Module (SPM) - includes 8 x transceivers (SX)	6.0
Power Entry Module	3.7.2/3.7.3	Power supply module	6.0

Juniper NetScreen Security Firewall/VPN Device—Supported Technologies

The following technologies are supported by the Juniper NetScreen in Cisco ANA Version 3.7.2/3.7.3:

- [IP, page 7-24](#)
- [Ethernet, page 7-25](#)
- [Hardware, page 7-31](#)
- [Serial, page 7-32](#)

Juniper NetScreen Security Firewall/VPN Device—Supported Service Events

Table 7-20 *Supported Service Events for Juniper NetScreen Security Firewall/VPN Device—Cisco ANA Version 3.7.2/3.7.3*

Event Name	ANA Version	Expedited	DP Version
All IP Interfaces Down / Active IP Interfaces Found	3.7.2/3.7.3	N	6.0
Interface Status Down/Up	3.7.2/3.7.3	N	6.0
Card In/Out	3.7.2/3.7.3	N	6.0
Link Down/Up	3.7.2/3.7.3	N	6.0
Device Unreachable	3.7.2/3.7.3	N	6.0
Device Unsupported	3.7.2/3.7.3	N	6.0
Module Unsupported	3.7.2/3.7.3	N	6.0
Port Down	3.7.2/3.7.3	N	6.0
Card Up/Down	3.7.2/3.7.3	N	6.0

Juniper T-Series Core Platforms

This section includes the following information about Juniper T-Series devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see the [Juniper T-Series Core Platforms](#)):

This section contains the following topics:

- [Juniper T-Series—Supported Software Versions, page 7-20](#)
- [Juniper T-Series—Supported Topologies, page 7-20](#)
- [Juniper T-Series—Supported Modules, page 7-20](#)
- [Juniper T-Series—Supported Technologies, page 7-22](#)
- [Juniper T-Series—Supported Service Events, page 7-22](#)

Juniper T-Series—Supported Software Versions

Table 7-21 Supported Software Versions for Juniper T-Series—Cisco ANA Version 3.7.2 and 3.7.3

Software Version	ANA Version	DP Version
8.2R3.6	3.7.2	1.0
7.6R3.6	3.7.2	1.0
8.2R3.5	3.7.2	1.0
9.1R2.10	3.7.2	3.0
9.0R2.10	3.7.2	3.0

Juniper T-Series—Supported Topologies

Table 7-22 Supported Topologies for Juniper T-Series—Cisco ANA Version 3.7.2 and 3.7.3

Topology Type	Link Type	ANA Version	DP Version
Ethernet	Ethernet	3.7.2	1.0

Juniper T-Series—Supported Modules

Table 7-23 Supported Modules for Juniper T-Series—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
CIP-L-T640-S	3.7.2	Connector Interface Panel	1.0
FT-T640	3.7.2	Fan Tray - T640	1.0
MEM-FPC-512-S	3.7.2	512MB DRAM for FPC	1.0
PC-10GE-SFP	3.7.2	PIC: 10x 1GE(LAN), 1000 BASE	1.0
PC-1XGE-XENPAK	3.7.2	PIC, 1-Port 10GE, XENPAK Optics	1.0
PC-8GE-TYPE3-SFP-IQ2	3.7.2	Gigabit Ethernet IQ2, 8-port SFP	1.0
PIC: 1X OC-192 SM SR1	3.7.2	PIC: 1x OC-192 SM SR1	1.0
PIC: 1X TUNNEL	3.7.2	Tunnel Services PIC	1.0
RE-1600-2048-BB	3.7.2	Routing Engine, 1600Mhz, 2048 MB DRAM	1.0
RE-1600-2048-R	3.7.2	Routing Engine, 1600 Mhz, 2048 MB DRAM - redundant	1.0
SCG-T	3.7.2	T Series Sonet ClockGenerator	1.0
SCG-T-BB	3.7.2	T640 SONET Clock Generator Board	1.0
SFP-1GE-LH	3.7.2	SFP Pluggable 1000Base-LH GE Optic Module	1.0

Table 7-23 Supported Modules for Juniper T-Series—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
SFP-1GE-LX	3.7.2	SFP Pluggable 1000Base-LX GE Optic Module	1.0
T640-FPC3-E2	3.7.2	FPC: E2-FPC Type 1, FPC: E-FPC Type 3	1.0
XENPAK-1XGE-LR	3.7.2	XENPAK Pluggable 10GBase-LR Optic Module	1.0
JNXT320FPC	3.7.2	Enhanced II FPC3	3.0
JNXT320Fan	3.7.2	Fan Tray - T320	3.0
JNXT320CIP	3.7.2	Connector Interface Panel	3.0
JNXMidplaneT320	3.7.2	Midplane	3.0
JNXT320FPB	3.7.2	FPM Display	3.0
JNXT320CB	3.7.2	CB 0	3.0
JNXT320SCG	3.7.2	SCG 0	3.0
JNXT320SPMB	3.7.2	SPMB 0	3.0
JNXT320HM	3.7.2	Routing Engine 0	3.0
JNXPCMCIACard	3.7.2	Routing Engine 0 PCMCIA Card 0	3.0
JNXT320Power	3.7.2	PEM	3.0
JNXT320SIB	3.7.2	SIB 0	3.0
PIC: 4x OC-3 SONET	3.7.2	PIC: 4x OC-3 SONET, SMIR @ 0/0/*	3.0
JNXT1600FPC	3.7.2/3.7.3	Enhanced II FPC3	4.0
JNXT1600Fan	3.7.2/3.7.3	Fan Tray - T1600	4.0
JNXT1600CIP	3.7.2/3.7.3	Connector Interface Panel	4.0
JNXMidplaneT1600	3.7.2/3.7.3	midplane	4.0
JNXT1600FPB	3.7.2/3.7.3	FPM Display	4.0
JNXT1600CB	3.7.2/3.7.3	CB 0	4.0
JNXT1600SCG	3.7.2/3.7.3	SCG 0	4.0
JNXT1600SPMB	3.7.2/3.7.3	SPMB 0	4.0
JNXT1600HM	3.7.2/3.7.3	Routing Engine 0	4.0
JNXPCMCIACard	3.7.2/3.7.3	Routing Engine 0 PCMCIA Card 0	4.0

Table 7-23 Supported Modules for Juniper T-Series—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
JNXT1600Power	3.7.2/3.7.3	PEM	4.0
JNXT1600SIB	3.7.2/3.7.3	SIB 0	4.0

Juniper T-Series—Supported Technologies

The following technologies are supported by the Juniper T-Series in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP, page 7-24](#)
- [Routing Protocols, page 7-25](#)
- [Ethernet, page 7-25](#)
- [ATM, page 7-26](#)
- [Frame Relay, page 7-27](#)
- [PPP, page 7-28](#)
- [HDLC, page 7-28](#)
- [MPLS, page 7-28](#)
- [VPN \(VRF\), page 7-30](#)
- [Hardware, page 7-31](#)
- [Serial, page 7-32](#)

Juniper T-Series—Supported Service Events

Table 7-24 Supported Service Events for Juniper T-Series—Cisco ANA Version 3.7.2 and 3.7.3

Event Name	ANA Version	Expedited	DP Version
All IP Interfaces Down / Active IP Interfaces Found	3.7.2	Y	1.0
Interface Status Down/Up	3.7.2	Y	1.0
Card In/Out	3.7.2	Y	1.0
Link Down/Up	3.7.2	Y	1.0
Device Unreachable	3.7.2	N	1.0
CPU Over Utilized	3.7.2	N	1.0
Memory Over Utilized	3.7.2	N	1.0
Device Unsupported	3.7.2	N	1.0
Discard Packets	3.7.2	N	1.0
Dropped Packets	3.7.2	N	1.0

Table 7-24 **Supported Service Events for Juniper T-Series—Cisco ANA Version 3.7.2 and 3.7.3**

Event Name	ANA Version	Expedited	DP Version
Module Unsupported	3.7.2	Y	1.0
Port Flapping	3.7.2	N	1.0
Port Down	3.7.2	Y	1.0
Rx Over Utilized	3.7.2	N	1.0
Tx Over Utilized	3.7.2	N	1.0
VPN Leak	3.7.2	N	1.0
BGP Neighbor Down	3.7.2	N	1.0
Card Up/Down	3.7.2	Y	1.0

Supported Technologies on Juniper Devices

The following sections list the objects and attributes that are supported on Juniper devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

This section contains the following topics:

- [IP, page 7-24](#)
- [Routing Protocols, page 7-25](#)
- [Ethernet, page 7-25](#)
- [ATM, page 7-26](#)
- [Frame Relay, page 7-27](#)
- [PPP, page 7-28](#)
- [HDLC, page 7-28](#)
- [MPLS, page 7-28](#)
- [VPN \(VRF\), page 7-30](#)
- [Hardware, page 7-31](#)
- [Serial, page 7-32](#)
- [Carrier Ethernet, page 7-33](#)
- [BFD, page 7-34](#)
- [LLDP, page 7-34](#)

IP

Table 7-25 IP Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
IMO Name—IPIInterface						
IP Address	Y	Y	Y	Y	Y	Y
Subnetwork Mask	Y	Y	Y	Y	Y	Y
IP Interface Addresses Array			Y			Y
Interface Name	Y	Y	Y	Y	Y	Y
Interface Description				Y		
IP Interface State	Y	Y	Y	Y	Y	Y
IMO Name—IRoutingEntity						
Routing Table	Y	Y	Y	Y	Y	Y
ARP Entity			Y	Y	Y	Y
Name	Y	Y	Y	Y	Y	Y
Logical Sons	Y	Y	Y	Y	Y	Y
IMO Name—IRoutingEntry						
Destination IP Subnet	Y	Y	Y	Y	Y	Y
Next Hop IP Address	Y	Y	Y	Y	Y	Y
Type	Y	Y	Y	Y	Y	Y
Routing Protocol Type	Y	Y	Y	Y	Y	Y
Outgoing Interface Name	Y	Y	Y	Y	Y	Y
IMO Name—IARPEntity						
ARP Table			Y	Y	Y	Y
IMO Name—IARPEntity						
IP Address	Y	Y	Y	Y	Y	Y
MAC Address	Y	Y	Y	Y	Y	Y
Port	Y	Y	Y	Y	Y	Y
Entry Type	Y	Y	Y	Y	Y	Y

Routing Protocols

Table 7-26 Routing Protocols Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
IM0 Name—IBgpNeighborEntry						
Remote Identifier		Y	Y	Y		Y
Neighbor Type			Y			Y
Remote Address			Y	Y		Y
Remote Autonomous System			Y	Y		Y
Peer State			Y	Y		Y
Hold Time			Y	Y		Y
Keep Alive Time			Y	Y		Y
IM0 Name—I0spfEntry						
Area Identifier			Y	Y		Y
IP Address			Y	Y		Y
Type			Y	Y		Y
Administrative Status			Y	Y		Y
Ospf Entry State			Y	Y		Y

Ethernet

Table 7-27 Ethernet Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
IM0 Name—IEthernet						
MAC Address	Y	Y	Y	Y	Y	Y
Duplex Mode				Y		
Output Flow Control				Y		
Input Flow Control				Y		
IANA Type				Y		

Table 7-27 Ethernet Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
Port Type				Y		
isElmiEnabled		Y		Y	Y	
IMO Name—IVlanEncapMux						
IANA Type		Y	Y			Y
IMO Name—IIEEE802						
VLAN		Y	Y			Y
IANA Type		Y	Y			Y

ATM

Table 7-28 ATM Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
IMO Name—IAtm						
Interface Type						Y
VC Table			Y			Y
IANA Type			Y			Y
Tx Allocated Bandwidth			Y			Y
Tx Maximum Bandwidth			Y			Y
Tx UBR Allocated Bandwidth			Y			Y
Tx CBR Allocated Bandwidth			Y			Y
Rx Allocated Bandwidth			Y			Y
Rx Maximum Bandwidth			Y			Y
Rx UBR Allocated Bandwidth			Y			Y
Rx CBR Allocated Bandwidth			Y			Y
IMO Name—IAtmVc						
Virtual Channel Identifier			Y			Y
Virtual Path Identifier			Y			Y
Administrative Status			Y			Y

Table 7-28 ATM Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
Operational Status			Y			Y

Frame Relay

Table 7-29 Frame Relay Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
IMO Name—Iframerelay/IFrTrunk						
Protocol Type			Y			Y
VC Table			Y			Y
IMO Name—IfrVc						
Data Link Connection Identifier			Y			Y
Administrative Status			Y			Y
Operational Status			Y			Y
IMO Name—IEncapsulation						
Virtual Connection Interface			Y			Y

PPP

Table 7-30 PPP Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
IMO Name—IvcBasedEncapsulation						
Virtual Connection			Y			Y

HDLC

Table 7-31 HDLC Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
IMO Name—Iencapsulation (HDLC/PPP)						
Virtual Connection			Y			Y

MPLS

Table 7-32 MPLS Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
IMO Name—IMpls						
Distribution Protocol	Y		Y	Y		Y
Outer and Inner Labels	Y		Y			Y
Traffic Engineering Properties				Y		
IMO Name—Ilse						
MPLS Table	Y		Y	Y		Y
MPLS Aggregate Table			Y	Y		Y

Table 7-32 MPLS Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
MPLS Tunnel Segments			Y	Y		Y
LDP Service			Y	Y		Y
Logical Sops	Y			Y		
IMO Name—ILdpService						
Local Identification Status			Y	Y		Y
LDP Peers			Y	Y		Y
IMO Name—ILdpPeer						
Peer Identification			Y	Y		Y
Transport Address			Y	Y		Y
Distribution Method			Y	Y		Y
Protocol Type			Y	Y		Y
Session Status			Y	Y		Y
Hold Time			Y	Y		Y
Keep Alive Time			Y	Y		Y
Peer Discovery Sources			Y	Y		Y
IMO Name—ILdpDiscoverySource						
Interface Name			Y			Y
Source Address			Y			Y
Type			Y			Y
IMO Name—IMplsEntry						
Incoming Label			Y	Y		Y
Outgoing Interface and Label			Y	Y		Y
Switching Action			Y	Y		Y
Next Hop IP Address			Y	Y		Y
Destination Mask			Y	Y		Y
Destination address			Y	Y		Y
IMO Name—IMplsAggregateEntry						
Virtual Routing Entity			Y	Y		Y
Incoming Label			Y	Y		Y
Outgoing Interface and Label			Y	Y		Y
Switching Action			Y	Y		Y

VPN (VRF)

Table 7-33 VPN (VRF) Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
IMO Name—IVrf						
Virtual Routing Table	Y		Y			Y
Exported Route Targets	Y		Y			Y
Imported Route Targets	Y		Y			Y
Route Distinguisher	Y		Y			Y
ARP Entity			Y			Y
Name	Y		Y			Y
IMO Name—IVrfEntry						
Next Hop BGP Address	Y					
Incoming and Outgoing Inner Label						
Outer Label						
Destination IP Subnet	Y	Y	Y			Y
Next Hop IP Address	Y		Y			Y
Type	Y		Y			Y
Routing Protocol Type	Y		Y			Y
Outgoing Interface Name	Y		Y			Y
IMO Name—IMpBgp						
BGP Identifier				Y	Y	
Local Autonomous System				Y	Y	
BGP Neighbors			Y	Y	Y	Y

Hardware

Table 7-34 Hardware Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
IMO Name—IChassis						
Description		Y	Y	Y	Y	Y
Equipment Holder Type	Y	Y	Y	Y	Y	Y
Serial Number				Y	Y	
IMO Name—IShelf						
Equipment Holder Type	Y	Y				
IMO Name—IModule						
Module Name	Y	Y	Y	Y	Y	Y
Module Description	Y	Y	Y	Y	Y	Y
Operational Status	Y	Y	Y	Y	Y	Y
Hardware Type + Version	Y	Y	Y	Y		Y
Operational Status Last Changed				Y		
Serial Number (soft property)	Y	Y	Y	Y	Y	Y
IMO Name—IManagedElement						
IP Address	Y	Y	Y	Y	Y	Y
Communication State	Y	Y	Y	Y	Y	Y
Investigation State	Y	Y	Y	Y	Y	Y
Element Category	Y	Y	Y	Y	Y	Y
Element Type and Key	Y	Y	Y	Y	Y	Y
Device Name	Y	Y	Y	Y	Y	Y
System Name	Y	Y	Y	Y	Y	Y
System Description	Y	Y	Y	Y	Y	Y
Up Time	Y	Y	Y	Y	Y	Y
Software Version	Y	Y	Y	Y	Y	Y
Vendor Identity	Y	Y	Y	Y	Y	Y
Memory and CPU Usage			Y	Y	Y	Y
Flash Device Size				Y		Y
Processor DRAM				Y		Y
Sys Contact		Y		Y	Y	

Table 7-34 *Hardware Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
Sys Location		Y		Y	Y	
IMO Name—IContext						
Name	Y					
IMO Name—IBridge						
Bridge Table				Y		
Type				Y		
MAC Address				Y		
IP Interface				Y		
Name				Y		
Logical Sons				Y		
Vlan Type				Y		
IMO Name—IBridgeEntry						
Destination MAC				Y		
Outgoing Interface				Y		

Serial

Table 7-35 *Serial Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3*

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
IMO Name—IPhysicalLayer						
Media Type			Y	Y		Y
Clocking Source			Y			Y
Maximum Speed	Y		Y	Y		Y
Is Internal Port	Y		Y	Y		Y
Discarded and Received Input Data Counters	Y		Y	Y		Y

Table 7-35 Serial Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
Dropped and Forward Output Data Counters	Y		Y	Y		Y
Administrative Status	Y		Y	Y		Y
Operational Status	Y		Y	Y		Y
Last Changed	Y		Y	Y		Y
IANA Type	Y		Y	Y		Y
Port Alias				Y		
Location				Y		
Sending Alarms				Y		
Connector Description				Y		
Status				Y		
Managed				Y		

Carrier Ethernet

Table 7-36 Carrier Ethernet Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
IMO Name—IVsi						
vsiInstanceName				Y		
vpnId				Y		
discoveryMode				Y		
vsiMode				Y		
Operational state				Y		
Administrative state				Y		

BFD

Table 7-37 BFD Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
IMO Name—IBfdSession						
SourceIp		Y	Y	Y		Y
DestinationIp		Y	Y	Y		Y
Interval		Y	Y	Y		Y
Multiplier		Y	Y	Y		Y
Protocol		Y	Y	Y		Y
State		Y	Y	Y		Y
Interface		Y	Y	Y		Y

LLDP

Table 7-38 LLDP Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
IMO Name—ILLDPService						
Status				Y		
LLDPAdvertisementsInterval				Y		
LLDPHoldTime				Y		
LLDPReinitialisationDelay				Y		
LocalChassisID				Y		
LocalSystemName				Y		
IMO Name—ILLDPNeighbor						
LocalPortName				Y		
RemotePortDesc				Y		
RemoteChassisId				Y		

Table 7-38 LLDP Attribute Support on Juniper Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attribute	E-Series	JCS	M-Series	MX-Series	NetScreen-Series	T-Series
RemoteManagementIP				Y		
LocalPortId				Y		
RemotePortId				Y		
RemoteSystemName				Y		



CHAPTER 8

Support Information for RAD Devices

This chapter contains support information for Virtual Network Elements (VNEs) that manage RAD devices in Cisco ANA Version 3.7.2 and 3.7.3. For more information about the objects and attributes described in this chapter, see the [Cisco Active Network Abstraction 3.7.2 Reference Guide](#).

This chapter contains the following topics:

- [RAD ACE-3000 Cell-Site Gateway, page 8-1](#)
- [RAD ETX-Series Carrier Ethernet Demarcation Device, page 8-3](#)
- [RAD IPmux-4L TDM Pseudowire Access Gateway, page 8-4](#)
- [RAD LA-210 EFM DSL Network Termination Unit, page 8-5](#)
- [Supported Technologies on RAD Devices, page 8-7](#)

RAD ACE-3000 Cell-Site Gateway

This section includes the following information about RAD ACE-3000 Cell-Site Gateway devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see [RAD ACE-3000 Cell-Site Gateway](#)):

- [RAD ACE CSG-Series—Supported Software Versions, page 8-1](#)
- [RAD ACE CSG-Series—Supported Topologies, page 8-2](#)
- [RAD ACE CSG-Series—Supported Modules, page 8-2](#)
- [RAD ACE CSG-Series—Supported Technologies, page 8-2](#)
- [RAD ACE CSG-Series—Supported Service Events, page 8-3](#)

RAD ACE CSG-Series—Supported Software Versions

Table 8-1 *Supported Software Versions for RAD CSG-Series—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	ANA Version	DP Version
RadOS V5.4	3.7.2	2.0
RadOS V6.1	3.7.2	2.0

RAD ACE CSG-Series—Supported Topologies

Table 8-2 Supported Topologies for RAD CSG-Series—Cisco ANA Version 3.7.2 and 3.7.3

Topology Type	Link Type	ANA Version	DP Version
Ethernet	Ethernet	3.7.2	1.0
ATM	ATM	3.7.2	2.0
ATM	PNNI	3.7.2	2.0
MPLS	MPLS	3.7.2	2.0
PWE3 (Martini)	Tunnel	3.7.2	2.0
GRE Tunnel	GRE Tunnel	3.7.2	2.0
Physical Layer	Physical Layer	3.7.2	2.0

RAD ACE CSG-Series—Supported Modules

Table 8-3 Supported Modules for RAD CSG-Series—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
ACE-3205	3.7.2	Cell-Site Gateway	1.0
ACE-3105	3.7.2	Cell-Site Gateway	2.0
ACE-3100	3.7.2/3.7.3	Cell-Site Gateway	4.0
ACE-3200	3.7.2/3.7.3	Cell-Site Gateway	4.0

RAD ACE CSG-Series—Supported Technologies

The following technologies are supported by the RAD CSG-Series in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP, page 8-7](#)
- [Ethernet \(IEEE 802.3\), page 8-9](#)
- [ATM, page 8-10](#)
- [DSL, page 8-11](#)
- [Physical Technologies, page 8-11](#)
- [MPLS, page 8-12](#)
- [PWE3, page 8-13](#)
- [Hardware, page 8-13](#)
- [Serial, page 8-14](#)
- [Additional Technologies, page 8-15](#)

RAD ACE CSG-Series—Supported Service Events

Table 8-4 Supported Service Events for RAD CSG-Series—Cisco ANA Version 3.7.2 and 3.7.3

Event Name	ANA Version	Expedited	DP Version
GRE tunnel down	3.7.2	N	3.0
GRE tunnel up	3.7.2	N	3.0
LDP neighbor down	3.7.2	N	2.0
LDP neighbor up	3.7.2	N	2.0
Link Down	3.7.2	N	2.0
Link up	3.7.2	N	2.0
BFD connectivity down	3.7.2	N	2.0
BFD connectivity up	3.7.2	N	2.0

RAD ETX-Series Carrier Ethernet Demarcation Device

This section includes the following information about RAD ETX-Series devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see [RAD ETX-Series Carrier Ethernet Demarcation Device](#)):

- [RAD ETX-Series—Supported Software Versions](#), page 8-3
- [RAD ETX-Series—Supported Modules](#), page 8-3
- [RAD ETX-Series—Supported Technologies](#), page 8-4
- [RAD ETX-Series—Supported Service Events](#), page 8-4

RAD ETX-Series—Supported Software Versions

Table 8-5 Supported Software Versions for RAD ETX-Series—Cisco ANA Version 3.7.2 and 3.7.3

Software Version	ANA Version	DP Version
ETX V2.2	3.7.2	2.0

RAD ETX-Series—Supported Modules

Table 8-6 Supported Modules for RAD ETX-Series—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
ETX-204AW (Wide Box)	3.7.2	Carrier Ethernet Demarcation Device	2.0
ETX-204 A (Short Box)	3.7.2/3.7.3	Carrier Ethernet Demarcation Device	4.0

RAD ETX-Series—Supported Technologies

The following technologies are supported by the RAD ETX-Series in Cisco ANA Version 3.7.2 and 3.7.3:

- [Ethernet \(IEEE 802.3ad\), page 8-8](#)
- [Ethernet \(IEEE 802.3\), page 8-9](#)
- [Hardware, page 8-13](#)
- [Serial, page 8-14](#)
- [Additional Technologies, page 8-15](#)

RAD ETX-Series—Supported Service Events

Table 8-7 Supported Service Events for RAD ETX-Series—Cisco ANA Version 3.7.2 and 3.7.3

Event Name	ANA Version	Expedited	DP Version
Link Down	3.7.2	N	2.0
Link Up	3.7.2	N	2.0

RAD IPmux-4L TDM Pseudowire Access Gateway

This section includes the following information about RAD IPmux-4L devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see [RAD IPmux-4L TDM Pseudowire Access Gateway](#)):

- [RAD IPmux-4L—Supported Software Versions, page 8-5](#)
- [RAD IPmux-4L—Supported Modules, page 8-5](#)
- [RAD IPmux-4L—Supported Technologies, page 8-5](#)
- [RAD IPmux-4L—Supported Service Events, page 8-5](#)

RAD IPmux-4L—Supported Software Versions

Table 8-8 Supported Software Versions for RAD IPmux-4L—Cisco ANA Version 3.7.2 and 3.7.3

Software Version	ANA Version	DP Version
1.00	3.7.2	2.0

RAD IPmux-4L—Supported Modules

Table 8-9 Supported Modules for RAD IPmux-4L—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
IPmux-4L	3.7.2	TDM Pseudowire Access Gateway. It also offers Ethernet based Access services	2.0

RAD IPmux-4L—Supported Technologies

The following technologies are supported by the RAD IPmux-4L in Cisco ANA Version 3.7.2 and 3.7.3:

- [Ethernet \(IEEE 802.3\), page 8-9](#)
- [Physical Technologies, page 8-11](#)
- [Hardware, page 8-13](#)
- [Serial, page 8-14](#)
- [Additional Technologies, page 8-15](#)

RAD IPmux-4L—Supported Service Events

Table 8-10 Supported Service Events for RAD IPmux-4L—Cisco ANA Version 3.7.2 and 3.7.3

Event Name	ANA Version	Expedited	DP Version
Link Down	3.7.2	N	2.0
Link Up	3.7.2	N	2.0

RAD LA-210 EFM DSL Network Termination Unit

This section includes the following information about RAD LA-210 devices (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, see [RAD LA-210 EFM DSL Network Termination Unit](#)):

- [RAD LA-210—Supported Software Versions, page 8-6](#)
- [RAD LA-210—Supported Modules, page 8-6](#)
- [RAD LA-210—Supported Technologies, page 8-6](#)
- [RAD LA-210—Supported Service Events, page 8-6](#)

RAD LA-210—Supported Software Versions

Table 8-11 Supported Software Versions for RAD LA-210—Cisco ANA Version 3.7.2 and 3.7.3

Software Version	ANA Version	DP Version
LA-210 V2.6	3.7.2	2.0
LA-210 V2.7	3.7.2	2.0

RAD LA-210—Supported Modules

Table 8-12 Supported Modules for RAD LA-210—Cisco ANA Version 3.7.2 and 3.7.3

Module Name	ANA Version	Module Description	DP Version
LA-210	3.7.2	EFM DSL Network Termination Unit	2.0

RAD LA-210—Supported Technologies

The following technologies are supported by the RAD LA-210 in Cisco ANA Version 3.7.2 and 3.7.3:

- [Ethernet \(IEEE 802.3\), page 8-9](#)
- [DSL, page 8-11](#)
- [Physical Technologies, page 8-11](#)
- [Hardware, page 8-13](#)
- [Serial, page 8-14](#)
- [Additional Technologies, page 8-15](#)

RAD LA-210—Supported Service Events

Table 8-13 Supported Service Events for RAD LA-210—Cisco ANA Version 3.7.2 and 3.7.3

Event Name	ANA Version	Expedited	DP Version
Link Down	3.7.2	N	2.0
Link Up	3.7.2	N	2.0

Supported Technologies on RAD Devices

The following sections list the objects and attributes that are supported on RAD devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

- [IP, page 8-7](#)

- [Ethernet \(IEEE 802.3ad\), page 8-8](#)
- [Ethernet \(IEEE 802.3\), page 8-9](#)
- [ATM, page 8-10](#)
- [DSL, page 8-11](#)
- [Physical Technologies, page 8-11](#)
- [MPLS, page 8-12](#)
- [PWE3, page 8-13](#)
- [Hardware, page 8-13](#)
- [Serial, page 8-14](#)
- [Additional Technologies, page 8-15](#)

IP

Table 8-14 *IP Attribute Support on RAD Devices—Cisco ANA Version 3.7.2 and 3.7.3*

Attributes	ACE CSG-Series	IPmux-4L	LA-210	ETX-Series
IMO Name—IIPInterface				
IP Address	Y			
Subnetwork Mask	Y			
Interface Name	Y			
IP Interface State	Y			
IMO Name—IRoutingEntity				
Routing Table	Y			
Destination IP Subnet	Y			
Next Hop IP Address	Y			
Type	Y			
Routing Protocol Type	Y			
Outgoing Interface Name	Y			
IMO Name—ITunnelGRE				
Name	Y			
Tunnel Destination and Source	Y			
IP Address	Y			

Ethernet (IEEE 802.3ad)

Table 8-15 Ethernet (IEEE 802.3ad) Attribute Support on RAD Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	ACE CSG-Series	IPmux-4L	LA-210	ETX-Series
IMO Name—ILinkAggregationGroup802dot3ad				
dot3adAggMACAddress				Y
dot3adAggActorSystemPriority				Y
dot3adAggActorSystemID				Y
dot3adAggActorAdminKey				Y
dot3adAggActorOperKey				Y
dot3adAggPartnerSystemID				Y
dot3adAggPartnerSystemPriority				Y
dot3adAggPartnerOperKey				Y
GroupNumber				Y
AggregationProtocolType				Y
MacAddress				Y
ChannelAdminStatus				Y
ChannelOperStatus				Y
IMO Name—I LagPortEntry				
Actor and Partner Admin Keys				
Actor and Partner Oper Keys				Y
Selected and Attached Aggregation Identification				Y
Actor Port				Y
Actor Port Priority				Y
Partner Admin and Oper Port ¹				Y
Partner Admin and Oper Port Priority ²				Y
Actor and Partner Admin States				Y
Actor and Partner Oper States				Y

1. ETX-Series supports only Partner Oper Port.

2. ETX-Series supports only Partner Oper Port Priority.

Ethernet (IEEE 802.3)

Table 8-16 Ethernet (IEEE 802.3) Attribute Support on RAD Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	ACE CSG-Series	IPmux-4L	LA-210	ETX-Series
IMO Name—IEthernet				
MAC Address	Y		Y	Y
Duplex Mode	Y	Y	Y	Y
IMO Name—IVlanInterface				
Mode		Y	Y	
Virtual LAN Table		Y	Y	
IANA Type		Y	Y	
vlanencapType		Y	Y	
IMO Name—IIEEE802				
VLAN Identification		Y	Y	

ATM

Table 8-17 ATM Attribute Support on RAD Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	ACE CSG-Series	IPmux-4L	LA-210	ETX-Series
IMO Name—IAtm				
VC Table	Y			
Cross-Connect Table	Y			
IMO Name—IAtmVc				
Virtual Channel Identifier	Y			
Virtual Path Identifier	Y			
Operational Status	Y			
IMO Name—IIMAGroup				
Description	Y			
Admin Status	Y			

Table 8-17 ATM Attribute Support on RAD Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	ACE CSG-Series	IPmux-4L	LA-210	ETX-Series
Oper Status	Y			
Oper Status Last Change	Y			
GroupNumber	Y			
ImaVersion	Y			
ConfiguredBandwidth	Y			
NumberOfLinks	Y			
NumberOfActiveLinks	Y			
MinimumNumberOfTxLinks	Y			
MinimumNumberOfRxLinks	Y			
ClockMode	Y			
FrameLength	Y			
interfaceName	Y			
groupStatus	Y			
IANA Type	Y			
IMO Name—IAtmTrafficDescriptor				
Traffic Descriptor Type	Y			
Service Category	Y			
Cell Loss Priority	Y			
Cell Delay Variation Tolerance	Y			
Maximum High Priority and Aggregate Cell Rates	Y			
Minimum High Priority and Aggregate Cell Rates	Y			
Sustainable High Priority and Aggregate Cell Rates	Y			
Peak High Priority and Aggregate Cell Rates	Y			
Index	Y			

DSL

Table 8-18 DSL Attribute Support on RAD Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	ACE CSG-Series	IPmux-4L	LA-210	ETX-Series
IMO Name—IDsl / Ildsl / ISdsl / Ishdsl				
Same as IPhysicalLayer	Y		Y	
IMO Name—IADsl				
Same as IDsl	Y			
IMO Name—IADsl2				
Same as IADsl	Y			

Physical Technologies

Table 8-19 Physical Technologies Attribute Support on RAD Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	ACE CSG-Series	IPmux-4L	LA-210	ETX-Series
IMO Name—IDS1Pdh / IDS3Pdh				
Framing Type	Y	Y		
Loopback Type	Y	Y		
Same as IPhysicalLayer	Y	Y		

MPLS

Table 8-20 MPLS Attribute Support on RAD Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	ACE CSG-Series	IPmux-4L	LA-210	ETX-Series
IMO Name—ILse				

Table 8-20 MPLS Attribute Support on RAD Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	ACE CSG-Series	IPmux-4L	LA-210	ETX-Series
LDP Service	Y			
IMO Name—ILdpService				
Local Identification Status	Y			
LDP Peers	Y			
IMO Name—ILdpPeer				
Peer Identification	Y			
Distribution Method	Y			
Protocol Type	Y			
Session Status	Y			
Protocol Version Hold Time	Y			
Hold Time	Y			
Hello Time Interval	Y			

PWE3

Table 8-21 PWE3 Attribute Support on RAD Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	ACE CSG-Series	IPmux-4L	LA-210	ETX-Series
IMO Name—IPTPLayer2MplsTunnel				
Local and Remote Router Addresses	Y			
Local and Remote Virtual Connection Labels	Y			
Tunnel Identification	Y			
Tunnel Status	Y			
PseudowireType	Y			
LocalMTU	Y			
RemoteMTU	Y			
SignalingProtocol	Y			

Hardware

Table 8-22 *Physical Equipment Attribute Support on RAD Devices—Cisco ANA Version 3.7.2 and 3.7.3*

Attributes	ACE CSG-Series	IPmux-4L	LA-210	ETX-Series
IMO Name—IChassis				
Description	Y	Y	Y	Y
Equipment Holder Type	Y	Y	Y	Y
IMO Name—IModule				
Module Name	Y	Y	Y	Y
Module Description	Y	Y	Y	Y
Software Version	Y	Y	Y	Y
Operational Status	Y	Y	Y	Y
Hardware Type & Version	Y	Y	Y	Y
IMO Name—IManagedElement				
IP Address	Y	Y	Y	Y
Communication State	Y	Y	Y	Y
Investigation State	Y	Y	Y	Y
Element Category	Y	Y	Y	Y
Element Type and Key	Y	Y	Y	Y
Device Name	Y	Y	Y	Y
System Name	Y	Y	Y	Y
System Description	Y	Y	Y	Y
Up Time	Y	Y	Y	Y
Software Version	Y	Y	Y	Y
Vendor Identity	Y	Y	Y	Y
Sys Contact	Y	Y	Y	Y
Sys Location	Y	Y	Y	Y

Serial

Table 8-23 Common Attribute Support on RAD Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	ACE CSG-Series	IPmux-4L	LA-210	ETX-Series
IMO Name—IPhysicalLayer				
Media Type	Y	Y	Y	
Clocking Source	Y	Y		
Maximum Speed	Y	Y	Y	Y
Administrative Status	Y	Y	Y	Y
Operational Status	Y	Y	Y	Y
IANA Type	Y	Y	Y	Y
Connector Description	Y	Y	Y	Y
IMO Name—IBridge				
Type		Y	Y	
Name		Y	Y	
IMO Name—IVcSwitchingEntity				
Cross Connect Table	Y			

Additional Technologies

Table 8-24 Additional Technologies Attribute Support on RAD Devices—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	ACE CSG-Series	IPmux-4L	LA-210	ETX-Series
IMO Name—IPower Supply				
Voltage names	Y	Y	Y	Y
Voltage Description	Y	Y	Y	Y
Voltage Status	Y	Y	Y	Y
Voltage Type	Y	Y	Y	Y
IMO Name—IFan				
Fan Name	Y			Y

Table 8-24 Additional Technologies Attribute Support on RAD Devices—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)

Attributes	ACE CSG-Series	IPmux-4L	LA-210	ETX-Series
Fan Value	Y			Y
IMO Name—IIMAGroup				
Ima Group Rx Speed	Y			
Ima Group Tx Speed	Y			
IMO Name—IADSL2+				
Adsl2+ Maximum Rx Speed	Y			
Adsl2+ Maximum Tx Speed	Y			
IMO Name—ISHDSL				
Shdsl Speed	Y			



CHAPTER 9

Support Information for Tellabs Devices

This chapter contains support information for Virtual Network Elements (VNEs) that manage Tellabs devices in Cisco ANA Version 3.7.2/3.7.3. For more information about the objects and attributes described in this chapter, see the [Cisco Active Network Abstraction 3.7.2/3.7.3 Reference Guide](#).

This chapter contains the following topics:

- [Tellabs 8840 Multiservice Router, page 9-1](#)
- [Supported Technologies on Tellabs Devices, page 9-5](#)

Tellabs 8840 Multiservice Router

This section includes the following information about Tellabs 8840 Multiservice Router devices (for information on the NE types supported in Cisco ANA Version 3.7.2/3.7.3, see [Tellabs 8840 Multiservice Router](#)):

- [Tellabs 8840 Multiservice Router—Supported Software Versions, page 9-1](#)
- [Tellabs 8840 Multiservice Router—Supported Topologies, page 9-2](#)
- [Tellabs 8840 Multiservice Router—Supported Modules, page 9-2](#)
- [Tellabs 8840 Multiservice Router—Supported Technologies, page 9-3](#)
- [Tellabs 8840 Multiservice Router—Supported Service Events, page 9-3](#)

Tellabs 8840 Multiservice Router—Supported Software Versions

Table 9-1 **Supported Software Versions for Tellabs 8840 Multiservice Router—Cisco ANA Version 3.7.2/3.7.3**

Software Version	ANA Version	DP Version
TMOS 7.0.0.3	3.7.2/3.7.3	6.0
TMOS 8.1.0.1	3.7.2/3.7.3	6.0
TMOS 8.1.0.1a	3.7.2/3.7.3	6.0

Tellabs 8840 Multiservice Router—Supported Topologies

Table 9-2 *Supported Topologies for Tellabs 8840 Multiservice Router—Cisco ANA Version 3.7.2/3.7.3*

Topology Type	Link Type	ANA Version	DP Version
BGP	BGP	3.7.2/3.7.3	6.0
Ethernet	Ethernet	3.7.2/3.7.3	6.0
MPLS	MPLS	3.7.2/3.7.3	6.0
Physical Layer	Physical Layer	3.7.2/3.7.3	6.0

Tellabs 8840 Multiservice Router—Supported Modules

Table 9-3 *Supported Modules for Tellabs 8840 Multiservice Router—Cisco ANA Version 3.7.2/3.7.3*

Module Name	ANA Version	Module Description	DP Version
Tellabs 8840 Multi-Service Router Base Unit	3.7.2/3.7.3	Tellabs Multi-Service Router 8840	6.0
81.88X0-ULC-2	3.7.2/3.7.3	Tellabs 88X0 9M Universal Line Card (ULC)	6.0
Switch Control Card	3.7.2/3.7.3	Switch Control Card	6.0
81.8800-PLM 003C-30	3.7.2/3.7.3	4 PORT Oc-3c(155Mbps) concatenated long reach 40kms	6.0
81.8800-PLM 012C-20	3.7.2/3.7.3	4 PORT 622Mbps OC-12c MS SMF IR concatenated intermediate 15 kms	6.0
81.8800-PLM048C-10	3.7.2/3.7.3	1 PORT 2.5Gbps OC-48c MS SMF IR concatenated intermediate 2 kms	6.0
81.8800-PLMGE-20	3.7.2/3.7.3	4port Gigabit Ethernet PLM - 1000BaseLX (Includes 4 LC/SFP optics) 550 meters	6.0
81.8800-PLM10GE-40	3.7.2/3.7.3	1port 10Gigabit Ethernet PLM SMF LR(LAN PHY) 40Kms	6.0
4 port Gigabit Ethernet PLM LX	3.7.2/3.7.3	4 port Gigabit Ethernet PLM LX	6.0
2 port OC-3STM-1 SMF IR	3.7.2/3.7.3	2 port OC-3STM-1 SMF IR	6.0

Table 9-3 **Supported Modules for Tellabs 8840 Multiservice Router—Cisco ANA Version 3.7.2/3.7.3 (Continued)**

Module Name	ANA Version	Module Description	DP Version
4port OC-3/STM-1 TDM MSPLM SMFIR	3.7.2/3.7.3	4port OC-3/STM-1 TDM MSPLM SMFIR	6.0
1port OC-48C/STM-16c TDM MSPLM SMF IR	3.7.2/3.7.3	1port OC-48C/STM-16c TDM MSPLM SMF IR	6.0
1 port 9M 10GiG ENET SMF LR	3.7.2/3.7.3	1 port 9M 10GiG ENET SMF LR	6.0

Tellabs 8840 Multiservice Router—Supported Technologies

The following technologies are supported by the Tellabs 8840 Multiservice Router in Cisco ANA Version 3.7.2/3.7.3:

- [IP, page 9-5](#)
- [Routing Protocols, page 9-6](#)
- [Ethernet, page 9-7](#)
- [MPLS, page 9-8](#)
- [Hardware, page 9-8](#)
- [Serial, page 9-9](#)
- [ATM, page 9-10](#)
- [SONET/SDH, page 9-11](#)

Tellabs 8840 Multiservice Router—Supported Service Events

Table 9-4 **Supported Service Events for Tellabs 8840 Multiservice Router—Cisco ANA Version 3.7.2/3.7.3**

Event Name	ANA Version	Expedited	DP Version
Primary HSRP Interface Active/Inactive	3.7.2/3.7.3	N	6.0
Secondary HSRP Interface Active/Inactive	3.7.2/3.7.3	N	6.0
All IP Interfaces Down / Active IP Interfaces Found	3.7.2/3.7.3	N	6.0
Interface Status Down/Up	3.7.2/3.7.3	N	6.0
Card In/Out	3.7.2/3.7.3	N	6.0

Table 9-4 **Supported Service Events for Tellabs 8840 Multiservice Router—Cisco ANA Version 3.7.2/3.7.3 (Continued)**

Event Name	ANA Version	Expedited	DP Version
Link Down/Up	3.7.2/3.7.3	N	6.0
Device Unreachable	3.7.2/3.7.3	N	6.0
CPU Over Utilized	3.7.2/3.7.3	N	6.0
Memory Over Utilized	3.7.2/3.7.3	N	6.0
Device Unsupported	3.7.2/3.7.3	N	6.0
Discard Packets	3.7.2/3.7.3	N	6.0
Dropped Packets	3.7.2/3.7.3	N	6.0
Module Unsupported	3.7.2/3.7.3	N	6.0
Port Flapping	3.7.2/3.7.3	N	6.0
Port Down	3.7.2/3.7.3	N	6.0
Rx Over Utilized	3.7.2/3.7.3	N	6.0
Tx Over Utilized	3.7.2/3.7.3	N	6.0
VPN Leak	3.7.2/3.7.3	N	6.0
Cloud Problem	3.7.2/3.7.3	N	6.0
Broken LSP Discovered	3.7.2/3.7.3	N	6.0
MPLS Black Hole	3.7.2/3.7.3	N	6.0
Layer 2 Tunnel Down	3.7.2/3.7.3	N	6.0
MPLS TE Tunnel Down/Flapping	3.7.2/3.7.3	N	6.0
BGP Neighbor Down	3.7.2/3.7.3	N	6.0
Card Up/Down	3.7.2/3.7.3	N	6.0

Table 9-4 *Supported Service Events for Tellabs 8840 Multiservice Router—Cisco ANA Version 3.7.2/3.7.3 (Continued)*

Event Name	ANA Version	Expedited	DP Version
VSI Up/Down	3.7.2/3.7.3	N	6.0
VSI Admin Down	3.7.2/3.7.3	N	6.0
EFP Up/Down	3.7.2/3.7.3	N	6.0
EFP Admin Down	3.7.2/3.7.3	N	6.0
EFP down due to error disabled	3.7.2/3.7.3	N	6.0
Vlan Tagged Interface Up/Down	3.7.2/3.7.3	N	6.0
Vlan Tagged Interface AdminDown	3.7.2/3.7.3	N	6.0

Supported Technologies on Tellabs Devices

The following sections list the objects and attributes that are supported on Tellabs devices in Cisco ANA Version 3.7.2/3.7.3 per technology:

- [IP, page 9-5](#)
- [Routing Protocols, page 9-6](#)
- [Ethernet, page 9-7](#)
- [MPLS, page 9-8](#)
- [Hardware, page 9-8](#)
- [Serial, page 9-9](#)
- [ATM, page 9-10](#)
- [SONET/SDH, page 9-11](#)

IP

Table 9-5 *IP Attribute Support on Tellabs 8840 Multiservice Router Devices—Cisco ANA Version 3.7.2/3.7.3*

Attributes	MSE8840
IMO Name—IPIInterface	

Table 9-5 *IP Attribute Support on Tellabs 8840 Multiservice Router Devices—Cisco ANA Version 3.7.2/3.7.3 (Continued)*

	MSE8840
Attributes	
IP Address	Y
Subnetwork Mask	Y
IP Interface Addresses Array	Y
Interface Name	Y
IP Interface State	Y
Interface Description	Y
IMO Name—IRoutingEntity	
Routing Table	Y
ARP Entity	Y
Name	Y
Logical Sons	Y
IMO Name—IRoutingEntry	
Destination IP Subnet	Y
Next Hop IP Address	Y
Type	Y
Routing Protocol Type	Y
Outgoing Interface Name	Y
IMO Name—IARPEntity	
ARP Table	Y
IMO Name—IARPEntity	
IP Address	Y
MAC Address	Y
Port	Y
Entry Type	Y

Routing Protocols

Table 9-6 *Routing Protocols Attribute Support on Tellabs 8840 Multiservice Router Devices—Cisco ANA Version 3.7.2/3.7.3*

	MSE8840
Attributes	
IMO Name—IBgpNeighborEntry	

Table 9-6 Routing Protocols Attribute Support on Tellabs 8840 Multiservice Router Devices—Cisco ANA Version 3.7.2/3.7.3 (Continued)

	MSE8840
Attributes	
Remote Identifier	Y
Remote Address	Y
Remote Autonomous System	Y
Peer State	Y
Hold Time	Y
Keep Alive Time	Y
IMO Name—IOSpfEntry	
Area Identifier	Y
IP Address	Y
Type	Y
Administrative Status	Y
Ospf Entry State	Y

Ethernet

Table 9-7 Ethernet Attribute Support on Tellabs 8840 Multiservice Router Devices—Cisco ANA Version 3.7.2/3.7.3

		MSE8840
Attribute		
IMO Name—IEthernet		
MAC Address	Y	
Duplex Mode	Y	
isElmiEnabled	Y	

MPLS

Table 9-8 *MPLS Attribute Support on Tellabs 8840 Multiservice Router Devices—Cisco ANA Version 3.7.2/3.7.3*

		MSE8840
Attributes		
IMO Name—IldpPeer		
Peer Identification	Y	
Transport Address	Y	
Distribution Method	Y	
Protocol Type	Y	
Path Vector Limi	Y	
Session Status	Y	
Protocol Version	Y	
Hold Time	Y	
Keep Alive Time	Y	
Peer Discovery Sources	Y	

Hardware

Table 9-9 *Physical Equipment Attribute Support on Tellabs 8840 Multiservice Router Devices—Cisco ANA Version 3.7.2/3.7.3*

		MSE8840
Attributes		
IMO Name—IChassis		
Description	Y	
Equipment Holder Type	Y	
Serial Number	Y	
IMO Name—IModule		
Module Name	Y	
Module Description	Y	
Software Version	Y	
Operational Status	Y	
Hardware Type & Version	Y	
Serial Number (soft property)	Y	
Slots Number	Y	
IMO Name—IManagedElement		

Table 9-9 Physical Equipment Attribute Support on Tellabs 8840 Multiservice Router Devices—Cisco ANA Version 3.7.2/3.7.3 (Continued)

Attributes	MSE8840
IP Address	Y
Communication State	Y
Investigation State	Y
Element Category	Y
Element Type and Key	Y
Device Name	Y
System Name	Y
System Description	Y
Up Time	Y
Software Version	Y
Vendor Identity	Y
Sys Contact	Y
Sys Location	Y

Serial

Table 9-10 Serial Attribute Support on Tellabs 8840 Multiservice Router Devices—Cisco ANA Version 3.7.2/3.7.3

Attributes	MSE8840
IMO Name—IPhysicalLayer	
Media Type	Y
Clocking Source	Y
Maximum Speed	Y
Is Internal Port	Y
Discarded and Received Input Data Counters	Y
Dropped and Forward Output Data Counters	Y
Administrative Status	Y
Operational Status	Y
Last Changed	Y

Table 9-10 **Serial Attribute Support on Tellabs 8840 Multiservice Router Devices—Cisco ANA Version 3.7.2/3.7.3 (Continued)**

Attributes	MSE8840
IANA Type	Y
Port Alias	Y
Location	Y
Sending Alarms	Y
Connector Description	Y
Status	Y
Managed	Y

ATM

Table 9-11 **ATM Attribute Support on Tellabs 8840 Multiservice Router Devices—Cisco ANA Version 3.7.2/3.7.3**

Attributes	MSE8840
IMO Name—IAtmTrafficDescriptor	
Traffic Descriptor Type	Y
Service Category	Y
Cell Loss Priority	Y
Cell Delay Variation	Y
Cell Delay Variation Tolerance	Y
Index	Y

SONET/SDH

Table 9-12 *SONET/SDH Attribute Support on Tellabs 8840 Multiservice Router Devices—Cisco ANA Version 3.7.2/3.7.3*

	MSE8840
Attributes	
IMO Name—ISonetSdh	
Clocking	Y



CHAPTER 10

Traps

This section describes the traps for third-party devices in Cisco ANA. Traps appear in the Cisco ANA EventVision V1 Trap and V2 Trap tabs. (For information about Cisco ANA EventVision, see the [Cisco Active Network Abstraction 3.7.2 User Guide](#).) Trap information is presented in two forms:

- **Trap Tables**—A section devoted to the supported traps for both versions V1 (for example, [Alcatel-Lucent 7450 ESS V1 Traps](#)). Each of these sections contains a table listing the name of each third-party device-supported trap in that MIB, along with its OID, varbinds, and a short description. The trap's Short Description is what you see in a ticket's Trap tabs in Cisco ANA EventVision 3.7.2 and 3.7.3. In the trap tables in this Reference Guide, each trap's Short Description is also a link to the trap's corresponding parameters.
- **Registry Parameter Tables**—A section devoted to the event types, event subtypes and Cisco ANA registry parameters for the traps supported in each MIB. There is one parameter table for every trap table (for example, [Alcatel-Lucent 7450 ESS V1 Traps Registry Parameters](#)). Each trap event can have multiple event subtypes, or states. The parameter tables indicate when each trap state is generated, and how Cisco ANA processes them (such as their severity, and whether they are ticketable, can be correlated, are autocleared, and so on).

Cisco ANA 3.7.x users can enable an additional IP address in the device for traps and syslogs. This new feature is called Multisource Events. When Cisco ANA 3.7.x receives a trap or syslog from that device (from the new IP) it will still recognize the device. For more details on multisource events see [Cisco ANA 3.7.1 Release Notes](#).

This chapter includes the following topics:

- [Alcatel-Lucent ASAM/ISAM V1 Traps](#)
- [Alcatel-Lucent ASAM/ISAM V2 Traps](#)
- [Alcatel-Lucent 7450 ESS V1 Traps](#)
- [Alcatel-Lucent 7450 ESS V2 Traps](#)
- [Alcatel-Lucent 7705 SAR V2 Traps](#)
- [Alcatel-Lucent 7750/7710 SR V1 Traps](#)
- [Alcatel-Lucent 7750/7710 SR V2 Traps](#)
- [Calix V2 Traps](#)
- [DragonWave Horizon Series V2 Traps](#)
- [Huawei S9300-Series V1 Traps](#)
- [Huawei S9300-Series V2 Traps](#)
- [Huawei CX600/ATN Series V1 Traps](#)

- Huawei CX600/ATN Series V2 Traps
- Juniper E-Series V1 Traps
- Juniper E-Series V2 Traps
- Juniper M-Series V1 Traps
- Juniper M-Series V2 Traps
- Juniper MX-Series V1 Traps
- Juniper MX-Series V2 Traps
- Juniper Netscreen V1 Traps
- Juniper Netscreen V2 Traps
- Juniper T-Series V1 Traps
- Juniper T-Series V2 Traps
- Juniper JCS-Series V1 Traps
- Juniper JCS-Series V2 Traps
- RAD ACE V1 Traps
- RAD ETX 204A V1 Traps
- RAD IPmux-4L V1 Traps
- RAD LA-210 V1 Traps
- Tellabs V1 Traps
- Tellabs V2 Traps
- Alcatel-Lucent ASAM/ISAM V1 Traps Registry Parameters
- Alcatel-Lucent ASAM/ISAM V2Traps Registry Parameters
- Alcatel-Lucent 7450 ESS V1 Traps Registry Parameters
- Alcatel-Lucent 7450 ESS V2 Traps Registry Parameters
- Alcatel-Lucent 7750/7710 SR V1 Traps Registry Parameters
- Alcatel-Lucent 7705 SAR V2 Traps Registry Parameters
- Alcatel-Lucent 7750/7710 SR V2 Traps Registry Parameters
- Calix V2 Traps Registry Parameters
- DragonWave Horizon Series V2 Traps Registry Parameters
- Huawei S9300-Series V1 Traps Registry Parameters
- Huawei S9300-Series V2 Traps Registry Parameters
- Huawei CX600/ATN Series V1 Traps Registry Parameters
- Huawei CX600/ATN Series V2 Traps Registry Parameters
- Juniper E-Series V1 Traps Registry Parameters
- Juniper E-Series V2 Traps Registry Parameters
- Juniper M-Series V1 Traps Registry Parameters
- Juniper M-Series V2 Traps Registry Parameters
- Juniper MX-Series V1 Traps Registry Parameters
- Juniper MX-Series V2 Traps Registry Parameters

- [Juniper Netscreen V1 Traps Registry Parameters](#)
- [Juniper Netscreen V2 Traps Registry Parameters](#)
- [Juniper T-Series V1 Traps Registry Parameters](#)
- [Juniper T-Series V2 Traps Registry Parameters](#)
- [Juniper JCS-Series V1 Traps Registry Parameters](#)
- [Juniper JCS-Series V2 Traps Registry Parameters](#)
- [RAD ACE V1 Traps Registry Parameters](#)
- [RAD ETX 204A V1 Traps Registry Parameters](#)
- [RAD IPmux-4L V1 Traps Registry Parameters](#)
- [RAD LA-210 V1 Traps Registry Parameters](#)
- [Tellabs V1 Traps Registry Parameters](#)
- [Tellabs V2 Traps Registry Parameters](#)

Alcatel-Lucent ASAM/ISAM V1 Traps

[Table 10-1](#) lists the Alcatel-Lucent ASAM/ISAM V1 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see [Table 10-28](#).

Table 10-1 Alcatel-Lucent ASAM/ISAM V1 Traps

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospf-if-auth-failure	6	6	1.3.6.1.2.1.14.16.2.6			ospf if auth failure trap	alcatel OSPF if auth failure trap
ospf-if-config-error	6	4	1.3.6.1.2.1.14.16.2.4			ospf if config error trap	alcatel OSPF if config error trap
ospf-if-rx-bad-packet	6	8	1.3.6.1.2.1.14.16.2.8			ospf if rx bad packet trap	alcatel OSPF if rx bad packet trap
ospf-if-state-change	6	16	1.3.6.1.2.1.14.16.2.16			ospf if state change trap	alcatel OSPF if state change trap
ospf-max-age-lsa	6	13	1.3.6.1.2.1.14.16.2.13			ospf max age lsa trap	alcatel OSPF max age lsa trap
ospf-nbr-state-change	6	2	1.3.6.1.2.1.14.16.2.2			ospf nbr state change trap	alcatel OSPF nbr state change trap

Table 10-1 Alcatel-Lucent ASAM/ISAM V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospf-originate-lsa	6	12	1.3.6.1.2.1.14.16.2.12			ospf originate lsa trap	alcatel OSPF originate lsa trap
ent-config-change	6	1	1.3.6.1.2.1.47.2.0.1			ent config change trap	alcatel Ent config change

Alcatel-Lucent ASAM/ISAM V2 Traps

[Table 10-2](#) lists the Alcatel-Lucent ASAM/ISAM V2 Traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see [Table 10-29](#).

Table 10-2 Alcatel-Lucent ASAM/ISAM V2Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
cold-start-v2	1.3.6.1.6.3.1.1.5.1			MIB2 V2 cold start trap	alcatel Cold start trap
warm-start-v2	1.3.6.1.6.3.1.1.5.2			MIB2 V2 warm start trap	alcatel Warm start trap
link-down-v2	1.3.6.1.6.3.1.1.5.3			MIB2 V2 link down	alcatel Link down trap
link-up-v2	1.3.6.1.6.3.1.1.5.4			MIB2 V2 link up	alcatel Link up trap
ospf-if-auth-failure	1.3.6.1.2.1.14.16.2.6			ospf if auth failure trap	alcatel OSPF if auth failure trap
ospf-if-config-error	1.3.6.1.2.1.14.16.2.4			ospf if config error trap	alcatel OSPF if config error trap
ospf-if-rx-bad-packet	1.3.6.1.2.1.14.16.2.8			ospf if rx bad packet trap	alcatel OSPF if rx bad packet trap
ospf-tx-retransmit	1.3.6.1.2.1.14.16.2.10			ospf tx retransmit trap	alcatel OSPF tx retransmit trap
ospf-tx-retransmit	1.3.6.1.2.1.14.16.2.10			ospf tx retransmit trap	alcatel OSPF tx retransmit trap

Table 10-2 Alcatel-Lucent ASAM/ISAM V2Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
bgpEstablished	1.3.6.1.2.1.15.7.1	1.3.6.1.2.1.15.3.1.2	= 6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	alcatel BGP established trap
bgpBackwardTransition	1.3.6.1.2.1.15.7.2	NA	NA	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	alcatel BGP down trap

Alcatel-Lucent 7450 ESS V1 Traps

[Table 10-3](#) lists the Alcatel-Lucent V1 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see [Table 10-30](#).

Table 10-3 Alcatel-Lucent 7450 ESS V1 Traps

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
hds12shdsl-local-power-loss	6	16	1.3.6.1.2.1.10.48.0.16			hds12shdsl local power loss trap	alcatel Hds12shdsl local power loss trap
hds12shdsl-loop-attend-crossing	6	1	1.3.6.1.2.1.10.48.0.1			hds12shdsl loop attend crossing trap	alcatel Hds12shdsl loop attend crossing trap
hds12shdsl-loopback-failure	6	9	1.3.6.1.2.1.10.48.0.9			hds12shdsl loopback failure trap	alcatel Hds12shdsl loopback failure trap
hds12shdsl-no-neighbor-present	6	15	1.3.6.1.2.1.10.48.0.15			hds12shdsl no neighbor present trap	alcatel Hds12shdsl loopback failure trap
hds12shdsl-perf-crc-anomalies-thresh	6	5	1.3.6.1.2.1.10.48.0.5			hds12shdsl perf crc anomalies thresh trap	alcatel Hds12shdsl perf crc anomalies thresh trap

Table 10-3 Alcatel-Lucent 7450 ESS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
hds12shdsl-perf-es-thresh	6	3	1.3.6.1.2.1.10.48.0.3			hds12shdsl perf es thresh trap	alcatel Hds12shdsl perf es thresh trap
hds12shdsl-perf-loss-thresh	6	6	1.3.6.1.2.1.10.48.0.6			hds12shdsl perf loss thresh trap	alcatel Hds12shdsl perf loss thresh trap
hds12shdsl-perf-ses-thresh	6	4	1.3.6.1.2.1.10.48.0.4			hds12shdsl perf ses thresh trap	alcatel Hds12shdsl perf ses thresh trap
dls-w-trap-circuit-down	6		1.3.6.1.2.1.46.1.0			dls-w trap circuit down trap	alcatel DLSW circuit down trap
hds12shdsl-perf-uas-thresh	6	7	1.3.6.1.2.1.10.48.0.7			hds12shdsl perf uas thresh trap	alcatel Hds12shdsl perf uas thresh trap
hds12shdsl-power-back-off	6	10	1.3.6.1.2.1.10.48.0.10			hds12shdsl power back off trap	alcatel Hds12shdsl power back off trap
hds12shdsl-protocol-init-failure	6	14	1.3.6.1.2.1.10.48.0.14			hds12shdsl protocol init failure trap	alcatel Hds12shdsl protocol init failure trap
hds12shdsl-snr-margin-crossing	6	2	1.3.6.1.2.1.10.48.0.2			hds12shdsl snr margin crossing trap	alcatel Hds12shdsl snr margin crossing trap
hds12shdsl-span-invalid-num-repeaters	6	8	1.3.6.1.2.1.10.48.0.8			hds12shdsl span invalid num repeaters trap	alcatel Hds12shdsl span invalid num repeaters trap
new-root	6	1	1.3.6.1.2.1.17.0.1			New root trap	alcatel New Root trap
ospf-if-auth-failure	6	6	1.3.6.1.2.1.14.16.2.6			ospf if auth failure trap	alcatel OSPF if auth failure trap

Table 10-3 Alcatel-Lucent 7450 ESS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospf-if-config-error	6	4	1.3.6.1.2.1.14.16.2.4			ospf if config error trap	alcatel OSPF if config error trap
ospf-if-rx-bad-packet	6	8	1.3.6.1.2.1.14.16.2.8			ospf if rx bad packet trap	alcatel OSPF if rx bad packet trap
ospf-if-state-change	6	16	1.3.6.1.2.1.14.16.2.16			ospf if state change trap	alcatel OSPF if state change trap
dlsr-trap-tconn-down	6		1.3.6.1.2.1.46.1.0			dlsr trap tconn down trap	alcatel DLSR tconn down trap
ospf-lsdb-approaching-overflow	6	16	1.3.6.1.2.1.14.16.2.15			ospf lsdb approaching overflow trap	alcatel OSPF lsdb approaching overflow trap
ospf-lsdb-overflow	6	14	1.3.6.1.2.1.14.16.2.14			ospf lsdb overflow trap	alcatel OSPF lsdb approaching overflow trap
authentication-failure	4	0	1.3.6.1.4.1			MIB2 V1 authentication-failure trap	alcatel Authentication failure trap
ospf-max-age-lsa	6	13	1.3.6.1.2.1.14.16.2.13			ospf max age lsa trap	alcatel OSPF max age lsa trap
ospf-nbr-state-change	6	2	1.3.6.1.2.1.14.16.2.2			ospf nbr state change trap	alcatel OSPF nbr state change trap
ospf-originate-lsa	6	12	1.3.6.1.2.1.14.16.2.12			ospf originate lsa trap	alcatel OSPF originate lsa trap
ospf-tx-retransmit	6	10	1.3.6.1.2.1.14.16.2.10			ospf tx retransmit trap	alcatel OSPF tx retransmit trap
ospf-virt-if-auth-failure	6	7	1.3.6.1.2.1.14.16.2.7			ospf virt if auth failure trap	alcatel OSPF virt if auth failure trap
ospf-virt-if-config-error	6	5	1.3.6.1.2.1.14.16.2.5			ospf virt if config error trap	alcatel OSPF virt if config error trap

Table 10-3 Alcatel-Lucent 7450 ESS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
dls-w-trap-tconn-partner-reject	6	1	1.3.6.1.2.1.46.1.0.1			dls-w trap tconn partner reject trap	alcatel DLSW tconn partner reject trap
ospf-virt-if-rx-bad-packet	6	9	1.3.6.1.2.1.14.16.2.9			ospf virt if rx bad packet trap	alcatel OSPF virt if rx bad packet trap
ospf-virt-if-state-change	6	1	1.3.6.1.2.1.14.16.2.1			ospf virt if state change trap	alcatel OSPF virt if state change trap
ospf-virt-if-tx-retransmit	6	11	1.3.6.1.2.1.14.16.2.11			ospf virt if tx retransmit trap	alcatel OSPF virt if tx retransmit trap
ospf-virt-nbr-state-change	6	3	1.3.6.1.2.1.14.16.2.3			ospf virt nbr state change trap	alcatel OSPF virt nbr state change trap
cold-start	0	0	1.3.6.1.6.3.1.1.5.1			MIB2 V1 cold start trap	alcatel Cold start trap
vrrp-trap-auth-failure	6	2	1.3.6.1.2.1.68.0.2			vrrp trap auth failure trap	alcatel Vrrp trap auth failure trap
vrrp-trap-new-master	6	1	1.3.6.1.2.1.68.0.1			vrrp trap new master trap	alcatel Vrrp trap new master trap
link-down	2	0	1.3.6.1.6.3.1.1.5.3			MIB2 V1 link down	alcatel Link down trap
link-up	3	0	1.3.6.1.6.3.1.1.5.4			MIB2 V1 link up	alcatel Link up trap
warm-start	1	0	1.3.6.1.6.3.1.1.5.2			MIB2 V1 warm start trap	alcatel Warm start trap
dls-w-trap-tconn-prot-violation	6	2	1.3.6.1.2.1.46.1.0.2			dls-w trap tconn prot violation trap	alcatel DLSW tconn prot violation trap
x25-reset	6	2	1.3.6.1.2.1.10.5.0.2			x25 reset trap	alcatel X25 reset trap
x25-restart	6	2	1.3.6.1.2.1.10.5.0.2			x25 restart trap	alcatel X25 restart trap
dummy-ticket	6	0	1.3.6.1.4.1.42			Dummy ticket on sun servers.	alcatel Dummy ticket trap
tcp connection table	6	0	1.3.6.1.2.1.6.13.1			tcp connection table2 trap - DUMP	alcatel TCP connection table trap

Table 10-3 Alcatel-Lucent 7450 ESS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
link-down_1	2	0				MIB2 V1_1 link down	alcatel Link down trap
link-up_1	3	0				MIB2 V1_1 link up	alcatel Link up trap
hds12shdsl-config-init-failure	6	13	1.3.6.1.2.1.10.48.0.13			hds12shdsl config init failure trap	alcatel Hds12shdsl config init failure trap
hds12shdsl-dc-continuity-fault	6	12	1.3.6.1.2.1.10.48.0.12			hds12shdsl dc continuity fault trap	alcatel Hds12shdsl dc continuity fault trap
rsEnvirPowerSupplyFailed	6	0				A power supply on the sending device has failed. The entPhysicalDescr object identifies the failed supply.	Riverstone environment power supply failed
rsEnvirPowerSupplyRecovered	6	0				A power supply on the sending device has recovered after failure. The entPhysicalDescr object identifies the recovered supply.	Riverstone environment power supply recovered trap
rsEnvirHotSwapIn	6	0				A module has been inserted into the chassis. The object entPhysicalDescr identifies the module. The module can be a card for the main bay or a switching fabric in the switching fabric bay	Riverstone environment swap in trap
rsEnvirHotSwapOut	6	0				A module has been turned off or removed from the chassis. The object entPhysicalDescr identifies the module. The module can be a card for the main bay or a switching fabric in the switching fabric.	Riverstone environment swap out trap
rsEnvirFanFailed	6	0				A Fan tray on the sending device has failed. The entPhysicalDescr object identifies the failed fan tray	Riverstone environment fan failed trap
rsEnvirFanRecovered	6	0				A Fan tray on the sending device has recovered after failure. The entPhysicalDescr object identifies the recovered Fan tray	Riverstone environment fan recovered trap

Table 10-3 Alcatel-Lucent 7450 ESS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
rsEnvirTempExceeded	6	0				A temperature inside the chassis on the sending device has exceeded normal operating temperature. The entPhysicalDescr object identifies the chassis	Riverstone environment temperature exceeded trap
rsEnvirTempNormal	6	0				A temperature inside the chassis on the sending device has returned to normal operating temperature. The entPhysicalDescr object identifies the chassis	Riverstone environment temperature normal trap

Alcatel-Lucent 7450 ESS V2 Traps

[Table 10-4](#) lists the Alcatel-Lucent V2 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see [Table 10-31](#).

Table 10-4 Alcatel-Lucent 7450 ESS V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
sbi-boot-config-v2	1.3.6.1.4.1.6527.3.1.3.1.0.4			Completed the configuration phase following a system reboot	sbi boot config
sbi-boot-snmpd-v2	1.3.6.1.4.1.6527.3.1.3.1.0.5			Completed the SNMP daemon initialization following a system reboot	sbi boot snmpd
ssi-saveconfig-failed-v2	1.3.6.1.4.1.6527.3.1.3.1.0.3			Saving of configuration is stopped due to errors	ssi saveconfig failed
ssi-saveconfig-succeeded-v2	1.3.6.1.4.1.6527.3.1.3.1.0.2			Saving of configuration finished without errors	ssi saveconfig succeeded
tmnx-config-create-v2	1.3.6.1.4.1.6527.3.1.3.1.0.9			New row entry is created in one of the MIB tables	tmnx config create
tmnx-config-delete-v2	1.3.6.1.4.1.6527.3.1.3.1.0.10			An existing row entry in one of the MIB tables is deleted	tmnx config delete
tmnx-config-modify-v2	1.3.6.1.4.1.6527.3.1.3.1.0.8			A configuration attribute associated with a row entry in a MIB table is modified	tmnx config modify
tmnx-env-temp-too-high-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.2			Temperature sensor reading on an equipment object is greater than its configured threshold	tmnx env temp too high
tmnx-eq-card-failure-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.7			One of the cards in a chassis has failed	tmnx eq card failure

Table 10-4 Alcatel-Lucent 7450 ESS V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
tmnx-eq-card-inserted-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.8			Card is inserted into the chassis	tmnx eq card inserted
tmnx-eq-card-removed-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.9			Card is removed from the chassis	tmnx eq card removed
tmnx-eq-fan-failure-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.6			One of the fans in a fan tray has failed	tmnx eq fan failure
tmnx-eq-flash-disk-full-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.33			No space left on the compact flash	tmnx eq flash disk full
tmnx-eq-port-ds1-alarm-clear-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.18			DS1 interface alarm condition is cleared	tmnx eq port ds1 alarm clear
tmnx-eq-port-ds1-alarm-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.17			DS1 interface alarm condition is detected	tmnx eq port ds1 alarm
tmnx-eq-port-ds3-alarm-clear-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.16			DS3 interface alarm condition is cleared	tmnx eq port ds3 alarm clear
tmnx-eq-port-ds3-alarm-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.15			DS3 interface alarm condition is detected	tmnx eq port ds3 alarm
tmnx-eq-port-error-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.14			Error listed in tmnxPortNotifyError is detected on the port	tmnx eq port error
tmnx-eq-port-ether-alarm-clear-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.23			Ethernet port alarm condition is cleared	tmnx eq port ether alarm clear
tmnx-eq-port-ether-alarm-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.22			Ethernet port alarm condition is detected	tmnx eq port ether alarm
tmnx-eq-port-sfp-inserted-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.8			SFP is inserted in the port	tmnx eq port sfp inserted
tmnx-eq-port-sfp-removed-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.9			SFP is removed from the port	tmnx eq port sfp removed
tmnx-eq-port-sonet-alarm-clear-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.5			SONET/SDH port alarm condition is cleared	tmnx eq port sonet alarm clear
tmnx-eq-port-sonet-alarm-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.4			SONET/SDH port alarm condition is detected	tmnx eq port sonet alarm
tmnx-eq-power-supply-failure-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.3			One of the chassis's power supplies fails	tmnx eq power supply failure
tmnx-eq-power-supply-inserted-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.4			One of the chassis's power supplies is inserted	tmnx eq power supply inserted

Table 10-4 Alcatel-Lucent 7450 ESS V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
tmnx-eq-power-supply-removed-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.5			One of the chassis's power supplies is removed.	tmnx eq power supply removed
tmnx-eq-wrong-card-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.10			Wrong type of card is inserted into a slot of the chassis.	tmnx eq wrong card
tmnx-red-primary-cpm-fail-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.21			The primary CPM fails.	tmnx red primary cpm fail
tmnx-state-change-v2	1.3.6.1.4.1.6527.3.1.3.1.0.11			There is a change in either the administrative or operational state of a MIB table entry.	tmnx state change
cold-start-v2	1.3.6.1.6.3.1.1.5.1			MIB2 V2 cold start trap	alcatel Cold start trap
warm-start-v2	1.3.6.1.6.3.1.1.5.2			MIB2 V2 warm start trap	alcatel Warm start trap
link-down-v2	(1.3.6.1.6.3.1.1.5.3			MIB2 V2 link down	alcatel Link down trap
link-up-v2	1.3.6.1.6.3.1.1.5.4			MIB2 V2 link up	alcatel Link up trap
bgp-trap				BGP trap from bgp peer table	BGP trap
hds12shdsl-device-fault-v2	1.3.6.1.2.1.10.48.0.11			hds12shdsl device fault v2 trap	alcatel Hds12shdsl device fault V2 trap
bgpEstablished	1.3.6.1.2.1.15.7.1	1.3.6.1.2.1.15.3.1.2	= 6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	alcatel BGP established trap
bgpBackwardTransition	1.3.6.1.2.1.15.7.2	NA	NA	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	alcatel BGP down trap
ospf-if-auth-failure	1.3.6.1.2.1.14.16.2.6			ospf if auth failure trap	alcatel OSPF if auth failure trap
ospf-if-config-error	1.3.6.1.2.1.14.16.2.4			ospf if config error trap	alcatel OSPF if config error trap

Table 10-4 Alcatel-Lucent 7450 ESS V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospf-if-rx-bad-packet	1.3.6.1.2.1.14.16.2.8			ospf if rx bad packet trap	alcatel OSPF if rx bad packet trap
ospf-if-state-changed	1.3.6.1.2.1.14.16.2.16				alcatel OSPF if state change trap

Alcatel-Lucent 7705 SAR V2 Traps

[Table 10-5](#) lists the Alcatel-Lucent 7705 SAR V2 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see [Table 10-33](#).

Table 10-5 Alcatel-Lucent 7705 SAR V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
sbi-boot-config-v2	1.3.6.1.4.1.6527.3.1.3.1.0.4			Completed the configuration phase following a system reboot	sbi boot config
sbi-boot-snmpd-v2	1.3.6.1.4.1.6527.3.1.3.1.0.5			Completed the SNMP daemon initialization following a system reboot.	sbi boot snmpd
ssi-saveconfig-failed-v2	1.3.6.1.4.1.6527.3.1.3.1.0.3			Saving of configuration is stopped due to errors.	ssi saveconfig failed
ssi-saveconfig-succeeded-v2	1.3.6.1.4.1.6527.3.1.3.1.0.2			Saving of configuration finished without errors.	ssi saveconfig succeeded
tmnx-config-create-v2	1.3.6.1.4.1.6527.3.1.3.1.0.9			New row entry is created in one of the MIB tables.	tmnx config create
tmnx-config-delete-v2	1.3.6.1.4.1.6527.3.1.3.1.0.10			An existing row entry in one of the MIB tables is deleted.	tmnx config delete
tmnx-config-modify-v2	1.3.6.1.4.1.6527.3.1.3.1.0.8			A configuration attribute associated with a row entry in a MIB table is modified.	tmnx config modify
tmnx-env-temperature-too-high-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.2			Temperature sensor reading on an equipment object is greater than its configured threshold.	tmnx env temp too high
tmnx-eq-fan-failure-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.6			One of the fans in a fan tray has failed.	tmnx eq fan failure

Table 10-5 Alcatel-Lucent 7705 SAR V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
tmnx-eq-fan-failure-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.33			No space left on the compact flash.	tmnx eq flash disk full
tmnx-eq-port-ds1-alarm-clear-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.18			DS1 interface alarm condition is cleared	tmnx eq port ds1 alarm clear
tmnx-eq-port-ds1-alarm-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.17			DS1 interface alarm condition is detected	tmnx eq port ds1 alarm
tmnx-eq-port-ds3-alarm-clear-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.16			DS3 interface alarm condition is cleared	tmnx eq port ds3 alarm clear
tmnx-eq-port-ds3-alarm-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.15			DS3 interface alarm condition is detected	tmnx eq port ds3 alarm
tmnx-eq-port-error-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.14			Error listed in tmnxPortNotifyError is detected on the port.	tmnx eq port error
tmnx-eq-port-ether-alarm-clear-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.23			Ethernet port alarm condition is cleared.	tmnx eq port ether alarm clear
tmnx-eq-port-ether-alarm-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.22			Ethernet port alarm condition is detected.	tmnx eq port ether alarm
tmnx-eq-port-sfp-inserted-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.8			SFP is inserted in the port	tmnx eq port sfp inserted
tmnx-eq-port-sfp-removed-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.9			SFP is removed from the port	tmnx eq port sfp removed
tmnx-eq-port-sonet-alarm-clear-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.5			SONET/SDH port alarm condition is cleared.	tmnx eq port sonet alarm clear
tmnx-eq-port-sonet-alarm-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.4			SONET/SDH port alarm condition is detected.	tmnx eq port sonet alarm
tmnx-eq-power-supply-failure-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.3			One of the chassis's power supplies fails.	tmnx eq power supply failure
tmnx-eq-power-supply-inserted-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.4			One of the chassis's power supplies is inserted.	tmnx eq power supply inserted
tmnx-eq-power-supply-removed-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.5			One of the chassis's power supplies is removed.	tmnx eq power supply removed
tmnx-state-change-v2	1.3.6.1.4.1.6527.3.1.3.1.0.11			There is a change in either the administrative or operational state of a MIB table entry.	tmnx state change

Table 10-5 Alcatel-Lucent 7705 SAR V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
cold-start-v2	1.3.6.1.6.3.1.1.5.1			MIB2 V2 cold start trap	alcatel Cold start trap
warm-start-v2	1.3.6.1.6.3.1.1.5.2			MIB2 V2 warm start trap	alcatel Warm start trap
link-down-v2	1.3.6.1.6.3.1.1.5.3			MIB2 V2 link down	alcatel Link down trap
link-up-v2	1.3.6.1.6.3.1.1.5.4			MIB2 V2 link up	alcatel Link up trap
bgpEstablished	1.3.6.1.2.1.15.7.1	1.3.6.1.2.1.15.3.1.2	= 6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	alcatel BGP established trap
bgpBackwardTransition	1.3.6.1.2.1.15.7.2	NA	NA	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	alcatel BGP down trap
ospf-if-auth-failure	1.3.6.1.2.1.14.16.2.6			ospf if auth failure trap	alcatel OSPF if auth failure trap
ospf-if-config-error	1.3.6.1.2.1.14.16.2.4			ospf if config error trap	alcatel OSPF if config error trap
ospf-if-rx-bad-packet	1.3.6.1.2.1.14.16.2.8			ospf if rx bad packet trap	alcatel OSPF if rx bad packet trap
ospf-if-state-changed	1.3.6.1.2.1.14.16.2.16			ospf if state change trap	alcatel OSPF if state change trap

Alcatel-Lucent 7750/7710 SR V1 Traps

Table 10-6 lists the Alcatel-Lucent 7750/7710 SR V1 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see Table 10-32.

Table 10-6 Alcatel-Lucent 7750/7710 SR V1 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
hdl2shdsl-perf-ses-thresh	1.3.6.1.2.1.10.48.0.4			hdl2shdsl perf ses thresh trap	alcatel Hdsl2shdsl perf ses thresh trap
dlsw-trap-circuit-down	1.3.6.1.2.1.46.1.0			dlsw trap circuit down trap	alcatel DLSW circuit down trap
dlsw-trap-tconn-down	1.3.6.1.2.1.46.1.0			dlsw trap tconn down trap	alcatel DLSW tconn down trap
dlsw-trap-tconn-partner-reject	1.3.6.1.2.1.46.1.0.1			dlsw trap tconn partner reject trap	alcatel DLSW tconn partner reject trap
dlsw-trap-tconn-prot-violation	1.3.6.1.2.1.46.1.0.2			dlsw trap tconn prot violation trap	alcatel DLSW tconn prot violation trap
fr-dlci-status-change	1.3.6.1.2.1.10.32.2.1			Frame-Relay dlci status change trap	alcatel FR DLCI status change trap
hdl2shdsl-local-power-loss	1.3.6.1.2.1.10.48.0.16			hdl2shdsl local power loss trap	alcatel Hdsl2shdsl local power loss trap
hdl2shdsl-loop-attention-crossing	1.3.6.1.2.1.10.48.0.1			hdl2shdsl loop attend crossing trap	alcatel Hdsl2shdsl loop atten crossing trap
hdl2shdsl-loopback-failure	1.3.6.1.2.1.10.48.0.9			hdl2shdsl loopback failure trap	alcatel Hdsl2shdsl loopback failure trap
hdl2shdsl-no-neighbor-present	1.3.6.1.2.1.10.48.0.15			hdl2shdsl no neighbor present trap	alcatel Hdsl2shdsl loopback failure trap
hdl2shdsl-perf-crc-anomalies-thresh	1.3.6.1.2.1.10.48.0.5			hdl2shdsl perf crc anomalies thresh trap	alcatel Hdsl2shdsl perf crc anomalies thresh trap
hdl2shdsl-perf-es-thresh	1.3.6.1.2.1.10.48.0.3			hdl2shdsl perf es thresh trap	alcatel Hdsl2shdsl perf es thresh trap
hdl2shdsl-perf-loss-thresh	1.3.6.1.2.1.10.48.0.6			hdl2shdsl perf loss thresh trap	alcatel Hdsl2shdsl perf loss thresh trap
hdl2shdsl-perf-uas-thresh	1.3.6.1.2.1.10.48.0.7			hdl2shdsl perf uas thresh trap	alcatel Hdsl2shdsl perf uas thresh trap
hdl2shdsl-power-back-off	1.3.6.1.2.1.10.48.0.10			hdl2shdsl power back off trap	alcatel Hdsl2shdsl power back off trap
hdl2shdsl-protocol-init-failure	1.3.6.1.2.1.10.48.0.14			hdl2shdsl protocol init failure trap	alcatel Hdsl2shdsl protocol init failure trap
hdl2shdsl-snr-margin-crossing	1.3.6.1.2.1.10.48.0.2			hdl2shdsl snr margin crossing trap	alcatel Hdsl2shdsl snr margin crossing trap

Table 10-6 Alcatel-Lucent 7750/7710 SR V1 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
hds12shdsl-span-invalid-num-repeaters	1.3.6.1.2.1.10.48.0.8			hds12shdsl span invalid num repeaters trap	alcatel Hds12shdsl span invalid num repeaters trap
hds12shdsl-config-init-failure	1.3.6.1.2.1.10.48.0.13			hds12shdsl config init failure trap	alcatel Hds12shdsl config init failure trap
hds12shdsl-dc-continuity-fault	1.3.6.1.2.1.10.48.0.12			hds12shdsl dc continuity fault trap	alcatel Hds12shdsl dc continuity fault trap
ent-config-change	1.3.6.1.2.1.47.2.0.1			ent config change trap	alcatel Ent config change
new-root	1.3.6.1.2.1.17.0.1			New root trap	alcatel New Root trap
ospf-if-auth-failure	1.3.6.1.2.1.14.16.2.6			ospf if auth failure trap	alcatel OSPF if auth failure trap
ospf-if-config-error	1.3.6.1.2.1.14.16.2.4			ospf if config error trap	alcatel OSPF if config error trap
ospf-if-rx-bad-packet	1.3.6.1.2.1.14.16.2.8			ospf if rx bad packet trap	alcatel OSPF if rx bad packet trap
ospf-if-state-change	1.3.6.1.2.1.14.16.2.16			ospf if state change trap	alcatel OSPF if state change trap
ospf-lsdb-approaching-overflow	1.3.6.1.2.1.14.16.2.15			ospf lsdb approaching overflow trap	alcatel OSPF lsdb approaching overflow trap
ospf-lsdb-overflow	1.3.6.1.2.1.14.16.2.14			ospf lsdb overflow trap	alcatel OSPF lsdb approaching overflow trap
ospf-max-age-lsa	1.3.6.1.2.1.14.16.2.13			ospf max age lsa trap	alcatel OSPF max age lsa trap
ospf-nbr-state-change	1.3.6.1.2.1.14.16.2.2			ospf nbr state change trap	alcatel OSPF nbr state change trap
ospf-originate-lsa	1.3.6.1.2.1.14.16.2.12			ospf originate lsa trap	alcatel OSPF originate lsa trap
ospf-tx-retransmit	1.3.6.1.2.1.14.16.2.10			ospf tx retransmit trap	alcatel OSPF tx retransmit trap
ospf-virt-if-auth-failure	1.3.6.1.2.1.14.16.2.7			ospf virt if auth failure trap	alcatel OSPF virt if auth failure trap
ospf-virt-if-config-error	1.3.6.1.2.1.14.16.2.5			ospf virt if config error trap	alcatel OSPF virt if config error trap
ospf-virt-if-rx-bad-packet	1.3.6.1.2.1.14.16.2.9			ospf virt if rx bad packet trap	alcatel OSPF virt if rx bad packet trap
ospf-virt-if-state-change	1.3.6.1.2.1.14.16.2.1			ospf virt if state change trap	alcatel OSPF virt if state change trap
ospf-virt-if-tx-retransmit	1.3.6.1.2.1.14.16.2.11			ospf virt if tx retransmit trap	alcatel OSPF virt if tx retransmit trap
ospf-virt-nbr-state-change	1.3.6.1.2.1.14.16.2.3			ospf virt nbr state change trap	alcatel OSPF virt nbr state change trap

Table 10-6 Alcatel-Lucent 7750/7710 SR V1 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
tcp connection table	1.3.6.1.2.1.6.13.1			tcp connection table2 trap - DUMP	alcatel TCP connection table trap
vrrp-trap-auth-failure	1.3.6.1.2.1.68.0.2			vrrp trap auth failure trap	alcatel Vrrp trap auth failure trap
vrrp-trap-new-master	1.3.6.1.2.1.68.0.1			vrrp trap new master trap	alcatel Vrrp trap new master trap
x25-reset	1.3.6.1.2.1.10.5.0.2			x25 reset trap	alcatel X25 reset trap
x25-restart	1.3.6.1.2.1.10.5.0.2			x25 restart trap	alcatel X25 restart trap
authentication-failure	1.3.6.1.4.1			MIB2 V1 authentication-failure trap	alcatel Authentication failure trap

Alcatel-Lucent 7750/7710 SR V2 Traps

[Table 10-7](#) lists the Alcatel-Lucent 7750/7710 SR V2 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see [Table 10-34](#).

Table 10-7 Alcatel-Lucent 7750/7710 SR V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
sbi-boot-config-v2	1.3.6.1.4.1.6527.3.1.3.1.0.4			Completed the configuration phase following a system reboot.	sbi boot config
sbi-boot-snmpd-v2	1.3.6.1.4.1.6527.3.1.3.1.0.5			Completed the SNMP daemon initialization following a system reboot.	sbi boot snmpd
ssi-saveconfig-failed-v2	1.3.6.1.4.1.6527.3.1.3.1.0.3			Saving of configuration is stopped due to errors.	ssi saveconfig failed
ssi-saveconfig-succeeded-v2	1.3.6.1.4.1.6527.3.1.3.1.0.2			Saving of configuration finished without errors.	ssi saveconfig succeeded
tmnx-config-create-v2	1.3.6.1.4.1.6527.3.1.3.1.0.9			New row entry is created in one of the MIB tables.	tmnx config create
tmnx-config-delete-v2	1.3.6.1.4.1.6527.3.1.3.1.0.10			An existing row entry in one of the MIB tables is deleted.	tmnx config delete
tmnx-config-modify-v2	1.3.6.1.4.1.6527.3.1.3.1.0.8			A configuration attribute associated with a row entry in a MIB table is modified	tmnx config modify

Table 10-7 Alcatel-Lucent 7750/7710 SR V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
tmnx-env-tem p-too-high-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.2			Temperature sensor reading on an equipment object is greater than its configured threshold	tmnx env temp too high
tmnx-eq-fan-fa ilure-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.6			One of the fans in a fan tray has failed	tmnx eq fan failure
tmnx-eq-flash- disk-full-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.3 3			No space left on the compact flash	tmnx eq flash disk full
tmnx-eq-port- ds1-alarm-clea r-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.1 8			DS1 interface alarm condition is cleared	tmnx eq port ds1 alarm clear
tmnx-eq-port- ds1-alarm-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.1 7			DS1 interface alarm condition is detected	tmnx eq port ds1 alarm
tmnx-eq-port- ds3-alarm-clea r-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.1 6			DS3 interface alarm condition is cleared	tmnx eq port ds3 alarm clear
tmnx-eq-port- ds3-alarm-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.1 5			DS3 interface alarm condition is detected	tmnx eq port ds3 alarm
tmnx-eq-port-e rror-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.1 4			Error listed in tmnxPortNotifyError is detected on the port	tmnx eq port error
tmnx-eq-port-e ther-alarm-cle ar-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.2 3			Ethernet port alarm condition is cleared	tmnx eq port ether alarm clear
tmnx-eq-port-e ther-alarm-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.2 2			Ethernet port alarm condition is detected	tmnx eq port ether alarm
tmnx-eq-port-s fp-inserted-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.8			SFP is inserted in the port	tmnx eq port sfp inserted
tmnx-eq-port-s fp-removed-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.9			SFP is removed from the port	tmnx eq port sfp removed
tmnx-eq-port-s onet-alarm-cle ar-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.5			SONET/SDH port alarm condition is cleared	tmnx eq port sonet alarm clear
tmnx-eq-port-s onet-alarm-v2	1.3.6.1.4.1.6527.3.1.3.2.2.0.4			SONET/SDH port alarm condition is detected	tmnx eq port sonet alarm
tmnx-eq-powe r-supply-failur e-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.3			One of the chassis's power supplies fails	tmnx eq power supply failure
tmnx-eq-powe r-supply-insert ed-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.4			One of the chassis's power supplies is inserted	tmnx eq power supply inserted

Table 10-7 Alcatel-Lucent 7750/7710 SR V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
tmnx-eq-powe r-supply-remo ved-v2	1.3.6.1.4.1.6527.3.1.3.2.1.0.5			One of the chassis's power supplies is removed	tmnx eq power supply removed
tmnx-state-cha nge-v2	1.3.6.1.4.1.6527.3.1.3.1.0.11			There is a change in either the administrative or operational state of a MIB table entry	tmnx state change
cold start trap	1.3.6.1.6.3.1.1.5.1			MIB2 V2 cold start trap	alcatel Cold start trap
warm start trap	1.3.6.1.6.3.1.1.5.2			MIB2 V2 warm start trap	alcatel Warm start trap
link down trap	1.3.6.1.6.3.1.1.5.3			MIB2 V2 link down	alcatel Link down trap
link Up trap	1.3.6.1.6.3.1.1.5.4			MIB2 V2 link up	alcatel Link up trap
bgpEstablished	1.3.6.1.2.1.15.7.1	1.3.6.1. 2.1.15.3 .1.2	= 6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	alcatel BGP established trap
bgpBackward Transition	1.3.6.1.2.1.15.7.2	NA	NA	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	alcatel BGP down trap
ospf-if-auth-fa ilure	1.3.6.1.2.1.14.16.2.6			ospf if auth failure trap	alcatel OSPF if auth failure trap
ospf-if-config- error	1.3.6.1.2.1.14.16.2.4			ospf if config error trap	alcatel OSPF if config error trap
ospf-if-rx-bad- packet	1.3.6.1.2.1.14.16.2.8			ospf if rx bad packet trap	alcatel OSPF if rx bad packet trap
ospf-if-state-c hanged	1.3.6.1.2.1.14.16.2.16			ospf if state change trap	alcatel OSPF if state change trap

Calix V2 Traps

Table 10-8 lists the Calix V2 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see Table 10-35.

Table 10-8 Calix V2 Traps

Trap Name	Trap OID	Sub-type Varbind OID	Subtype Varbind Value	Description	Short Description
coldStart	1.3.6.1.6.3.1.1.5.1	NA	NA	A coldStart trap signifies that the SNMPv2 entity, acting in an agent role, is reinitializing itself and that its configuration may have been altered.	Cold start trap
linkDown	1.3.6.1.6.3.1.1.5.3	NA	NA	A linkDown trap signifies that the SNMPv2 entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to transition into the down state.	SNMP Link down
linkUp	1.3.6.1.6.3.1.1.5.4	NA	NA	A linkUp trap signifies that the SNMPv2 entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links has transitioned out of the down state.	SNMP Link up
powerMgmtPowerSourceChange	1.3.6.1.4.1.6066.2.1.1.2.2.0.1	1.3.6.1.4.1.6066.2.1.1.2.1.2	1	The current source of power to the unit is changed to main power.	Power source changed to Main power
powerMgmtPowerSourceChange	1.3.6.1.4.1.6066.2.1.1.2.2.0.1	1.3.6.1.4.1.6066.2.1.1.2.1.2	2	The current source of power to the unit is changed to battery power.	Power source changed to Battery power
epsRingFailoverNotification	1.3.6.1.4.1.6066.2.1.2.1.2.2.1	NA	NA	This trap is sent when an eps ring failover occurs.	eps Ring Failover Notification
epsRingRevertNotification	1.3.6.1.4.1.6066.2.1.2.1.2.2.2	NA	NA	This trap is sent when an eps ring reverts to the preferred path group.	eps Ring Revert Notification
epsPathGroupHeartbeatNotification	1.3.6.1.4.1.6066.2.1.2.1.2.2.3	1.3.6.1.4.1.6066.2.1.2.1.2.1.2	1	This trap is sent when an eps path group heartbeat status changes to up.	eps Path Group Heartbeat Up Notification

Table 10-8 Calix V2 Traps (Continued)

Trap Name	Trap OID	Sub-type Varbind OID	Subtype Varbind Value	Description	Short Description
epsPathGroupHeartbeatNotification	1.3.6.1.4.1.6066.2.1.2.1.2.2.3	1.3.6.1.4.1.6066.2.1.2.1.2.1.2	2	This trap is sent when an eps path group heartbeat status changes to down.	eps Path Group Heartbeat Down Notification
epsLoopNotification	1.3.6.1.4.1.6066.2.1.2.1.3.2.1	1.3.6.1.4.1.6066.2.1.2.1.3.1.1.1.2	1	This trap is sent when an eps loop notification is detected.	eps Loop Notification detected
epsLoopNotification	1.3.6.1.4.1.6066.2.1.2.1.3.2.1	1.3.6.1.4.1.6066.2.1.2.1.3.1.1.1.2	2	This trap is sent when an eps loop notification is cleared.	eps Loop Notification cleared
acPowerNotification	1.3.6.1.4.1.6066.2.1.3.4.2.3	1.3.6.1.4.1.6066.2.1.3.4.1.1	1	Indicates the status of the ac power as on	ac power status changed to on
acPowerNotification	1.3.6.1.4.1.6066.2.1.3.4.2.3	1.3.6.1.4.1.6066.2.1.3.4.1.1	2	Indicates the status of the ac power as off	ac power status changed to off
fanTrayNotification	1.3.6.1.4.1.6066.2.1.3.4.2.4	1.3.6.1.4.1.6066.2.1.3.4.1.2	1	Indicates the status of the fan tray as inserted	fan tray inserted
fanTrayNotification	1.3.6.1.4.1.6066.2.1.3.4.2.4	1.3.6.1.4.1.6066.2.1.3.4.1.2	2	Indicates the status of the fan tray as removed	fan tray removed
bviInvalidDhcpAddressNotification	1.3.6.1.4.1.6066.2.1.3.4.2.5	1.3.6.1.4.1.6066.2.1.3.4.1.1.2	1	Indicates bvi invalid dhcp address.	bvi invalid dhcp address alarm
bviInvalidDhcpAddressNotification	1.3.6.1.4.1.6066.2.1.3.4.2.5	1.3.6.1.4.1.6066.2.1.3.4.1.1.2	2	Indicates the bvi invalid dhcp address has been cleared.	bvi invalid dhcp address cleared

Table 10-8 Calix V2 Traps (Continued)

Trap Name	Trap OID	Sub-type Varbind OID	Subtype Varbind Value	Description	Short Description
subscriberPortBlackListingNotification	1.3.6.1.4.1.6066.2.1.2.4.2.2.1	1.3.6.1.4.1.6066.2.1.2.4.2.1.9.1.6	disabled	This trap is sent when a Blacklisting event occurs.	subscriber port black listing disabled
subscriberPortBlackListingNotification	1.3.6.1.4.1.6066.2.1.2.4.2.2.1	1.3.6.1.4.1.6066.2.1.2.4.2.1.9.1.6	cleared	This trap is sent when a Blacklisting event is cleared.	subscriber port black listing cleared
clientQueueThresholdNotification	1.3.6.1.4.1.6066.2.1.2.4.2.2.2	1.3.6.1.4.1.6066.2.1.2.4.2.1.1	1	This trap is sent when a Client Queue threshold is reached.	client queue threshold reached
clientQueueThresholdNotification	1.3.6.1.4.1.6066.2.1.2.4.2.2.2	1.3.6.1.4.1.6066.2.1.2.4.2.1.1	2	This trap is sent when a Client Queue threshold is cleared.	client queue threshold cleared
clientQueuePacketDropNotification	1.3.6.1.4.1.6066.2.1.2.4.2.2.3	1.3.6.1.4.1.6066.2.1.2.4.2.1.2	1	This trap is sent when Client Queue packets are dropped.	client queue packet drop
clientQueuePacketDropNotification	1.3.6.1.4.1.6066.2.1.2.4.2.2.3	1.3.6.1.4.1.6066.2.1.2.4.2.1.2	2	This trap is sent when Client Queue packets are no longer being dropped.	client queue packet no longer dropping
ingressFilterMaskThresholdNotification	1.3.6.1.4.1.6066.2.1.2.4.2.2.4	1.3.6.1.4.1.6066.2.1.2.4.2.1.5	1	Indicates if the upper threshold of the ingress filter mask resources has been reached.	ingress filter mask threshold reached
ingressFilterMaskThresholdNotification	1.3.6.1.4.1.6066.2.1.2.4.2.2.4	1.3.6.1.4.1.6066.2.1.2.4.2.1.5	2	Indicates if the upper threshold of the ingress filter mask resources has been cleared.	ingress filter mask threshold cleared
ingressFilterMaskResourcesNotification	1.3.6.1.4.1.6066.2.1.2.4.2.2.5	1.3.6.1.4.1.6066.2.1.2.4.2.1.6	1	Indicates if the ingress filter mask resources have been exhausted.	ingress filter mask resources exhausted
ingressFilterMaskResourcesNotification	1.3.6.1.4.1.6066.2.1.2.4.2.2.5	1.3.6.1.4.1.6066.2.1.2.4.2.1.6	2	Indicates if the ingress filter mask resources are not exhausted.	ingress filter mask resources notExhausted

Table 10-8 Calix V2 Traps (Continued)

Trap Name	Trap OID	Sub-type Varbind OID	Subtype Varbind Value	Description	Short Description
ingressFilterRuleThresholdNotification	1.3.6.1.4.1.6066.2.1.2.4.2.2.6	1.3.6.1.4.1.6066.2.1.2.4.2.1.7	1	Indicates if the upper threshold of the ingress filter rule resources has been reached.	ingress filter rule threshold reached
ingressFilterRuleThresholdNotification	1.3.6.1.4.1.6066.2.1.2.4.2.2.6	1.3.6.1.4.1.6066.2.1.2.4.2.1.7	2	Indicates if the upper threshold of the ingress filter rule resources has been cleared.	ingress filter rule threshold cleared
ingressFilterRuleResourcesNotification	1.3.6.1.4.1.6066.2.1.2.4.2.2.7	1.3.6.1.4.1.6066.2.1.2.4.2.1.8	1	Indicates if the ingress filter rule resources have been exhausted.	ingress filter rule resources exhausted
ingressFilterRuleResourcesNotification	1.3.6.1.4.1.6066.2.1.2.4.2.2.7	1.3.6.1.4.1.6066.2.1.2.4.2.1.8	2	Indicates if the ingress filter rule resources are not exhausted.	ingress filter rule resources notExhausted
sensorThresholdNotification	1.3.6.1.4.1.6066.2.1.3.2.2.0.1	1.3.6.1.4.1.6066.2.1.1.1.1.7, 1.3.6.1.4.1.6066.2.1.1.1.1.3	HighLimit Exceeded, 4	Indicates if the fan high limit threshold has been exceeded	fan high limit exceeded
sensorThresholdNotification	1.3.6.1.4.1.6066.2.1.3.2.2.0.1	1.3.6.1.4.1.6066.2.1.1.1.1.7, 1.3.6.1.4.1.6066.2.1.1.1.1.3	LowLimit Exceeded, 4	Indicates if the fan low limit threshold has been exceeded	fan low limit exceeded

Table 10-8 Calix V2 Traps (Continued)

Trap Name	Trap OID	Sub-type Varbind OID	Subtype Varbind Value	Description	Short Description
sensorThresholdNotification	1.3.6.1.4.1.6066.2.1.3.2.2.0.1	1.3.6.1.4.1.6066.2.1.3.2.1.1.1.1.7, 1.3.6.1.4.1.6066.2.1.3.2.1.1.1.3	Cleared, 4	Indicates if the fan limit threshold exceeded has been cleared.	fan limit exceeded cleared
sensorThresholdNotification	1.3.6.1.4.1.6066.2.1.3.2.2.0.1	1.3.6.1.4.1.6066.2.1.3.2.1.1.1.1.7	FanFastSpeed	Indicates fan fast speed	fan fast speed
sensorThresholdNotification	1.3.6.1.4.1.6066.2.1.3.2.2.0.1	1.3.6.1.4.1.6066.2.1.3.2.1.1.1.1.7	FanSlowSpeed	Indicates fan slow speed	fan slow speed
sensorThresholdNotification	1.3.6.1.4.1.6066.2.1.3.2.2.0.1	1.3.6.1.4.1.6066.2.1.3.2.1.1.1.1.7, 1.3.6.1.4.1.6066.2.1.3.2.1.1.1.3	HighLimit Exceeded, 3	Indicates if the temp high limit threshold has been exceeded	temp high limit exceeded
sensorThresholdNotification	1.3.6.1.4.1.6066.2.1.3.2.2.0.1	1.3.6.1.4.1.6066.2.1.3.2.1.1.1.1.7, 1.3.6.1.4.1.6066.2.1.3.2.1.1.1.3	LowLimit Exceeded, 3	Indicates if the temp low limit threshold has been exceeded	temp low limit exceeded

Table 10-8 Calix V2 Traps (Continued)

Trap Name	Trap OID	Sub-type Varbind OID	Subtype Varbind Value	Description	Short Description
sensorThresholdNotification	1.3.6.1.4.1.6066.2.1.3.2.2.0.1	1.3.6.1.4.1.6066.2.1.3.2.1.1.1.1.7, 1.3.6.1.4.1.6066.2.1.3.2.1.1.1.3	Cleared, 3	Indicates if the temperature limit threshold exceeded has been cleared.	temp limit exceeded cleared
sensorThresholdNotification	1.3.6.1.4.1.6066.2.1.3.2.2.0.1	1.3.6.1.4.1.6066.2.1.3.2.1.1.1.1.7, 1.3.6.1.4.1.6066.2.1.3.2.1.1.1.3	HighLimit Exceeded, 2	Indicates if the voltage high limit threshold has been exceeded	voltage high limit exceeded
sensorThresholdNotification	1.3.6.1.4.1.6066.2.1.3.2.2.0.1	1.3.6.1.4.1.6066.2.1.3.2.1.1.1.1.7, 1.3.6.1.4.1.6066.2.1.3.2.1.1.1.3	LowLimit Exceeded, 2	Indicates if the voltage low limit threshold has been exceeded	voltage low limit exceeded
sensorThresholdNotification	1.3.6.1.4.1.6066.2.1.3.2.2.0.1	1.3.6.1.4.1.6066.2.1.3.2.1.1.1.1.7, 1.3.6.1.4.1.6066.2.1.3.2.1.1.1.3	Cleared, 2	Indicates if the voltage limit threshold exceeded has been cleared.	voltage limit exceeded cleared

Table 10-8 Calix V2 Traps (Continued)

Trap Name	Trap OID	Sub-type Varbind OID	Subtype Varbind Value	Description	Short Description
dslModemShowtimeNotification	1.3.6.1.4.1.6066.2.1.2.3.2.2.1	1.3.6.1.4.1.6066.2.1.2.3.2.1.1.2	1	Indicates if the dsl modem is operational	dsl modem showtime in
dslModemShowtimeNotification	1.3.6.1.4.1.6066.2.1.2.3.2.2.1	1.3.6.1.4.1.6066.2.1.2.3.2.1.1.2	2	Indicates if the dsl modem is down	dsl modem showtime out

DragonWave Horizon Series V2 Traps

Table 10-9 lists the DragonWave Horizon Series V2 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see Table 10-36.

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
hzOdu Cold Start Trap	1.3.6.1.4.1.7262.2.2.21.0			DragonWave Cold Start	DragonWave Cold Start
hzOdu Link Down Trap	1.3.6.1.4.1.7262.2.2.21.1	1.3.6.1.2.2.1.1	1	DragonWave Link Down	DragonWave Link Down
hzOdu Link Up Trap	1.3.6.1.4.1.7262.2.2.21.2	1.3.6.1.2.2.1.1	1	DragonWave Link Up	DragonWave Link Up
hzOdu Sntp Servers Unreachable Trap	1.3.6.1.4.1.7262.2.2.21.11	NA	NA	SNTP Servers Unreachable	SNTP Servers Unreachable

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Sub type Varbi nd OID	Sub typ e Var bin d Val ue	Description	Short Description
hzOdu Sntp Servers Unreachable Cleared Trap	1.3.6.1.4.1.7262.2.2.21.12	NA	NA	SNTP Servers Unreachable Cleared	SNTP Servers Unreachable Cleared
hzOdu EnetPort1 Dropped Frames Threshold Exceeded Trap	1.3.6.1.4.1.7262.2.2.21.14	NA	NA	Dropped Frames Threshold Exceeded	Dropped Frames Threshold Exceeded
hzOdu EnetPort1 Dropped Frames Threshold Exceeded Cleared Trap	1.3.6.1.4.1.7262.2.2.21.15	NA	NA	Dropped Frames Threshold Exceeded Cleared	Dropped Frames Threshold Exceeded Cleared
hzOdu Modem1 Rx LossOfSignal Trap	1.3.6.1.4.1.7262.2.2.21.22	NA	NA	Modem Rx LOS Lock	Modem Rx LOS Lock
hzOdu Modem1 Rx LossOfSignal Cleared Trap	1.3.6.1.4.1.7262.2.2.21.23	NA	NA	Modem Rx LOS Lock Cleared	Modem Rx LOS Lock Cleared
hzOdu Modem1 Snr Below Threshold Trap	1.3.6.1.4.1.7262.2.2.21.26	NA	NA	Modem SNR Below Threshold	Modem SNR Below Threshold
hzOdu Modem1 Snr Below Threshold Cleared Trap	1.3.6.1.4.1.7262.2.2.21.27	NA	NA	Modem SNR Below Threshold Cleared	Modem SNR Below Threshold Cleared
hzOdu Modem1 Equalizer Stress Exceed Threshold Trap	1.3.6.1.4.1.7262.2.2.21.28	NA	NA	Modem Equalizer Stress Exceed Threshold	Modem Equalizer Stress Exceed Threshold
hzOdu Modem1 Equalizer Stress Exceed Threshold Cleared Trap	1.3.6.1.4.1.7262.2.2.21.29	NA	NA	Modem Equalizer Stress Exceed Threshold Cleared	Modem Equalizer Stress Exceed Threshold Cleared
hzOdu Modem1 Channelized Rsl Below Threshold Trap	1.3.6.1.4.1.7262.2.2.21.30	NA	NA	Channelized RSL Below Threshold	Channelized RSL Below Threshold
hzOdu Modem1 Channelized Rsl Below Threshold Cleared Trap	1.3.6.1.4.1.7262.2.2.21.31	NA	NA	Channelized RSL Below Threshold Cleared	Channelized RSL Below Threshold Cleared

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
hzOdu Modem1 Hardware Fault Trap	1.3.6.1.4.1.7262.2.2.21.32	NA	NA	Modem Hardware Fault	Modem Hardware Fault
hzOdu Modem1 Hardware Fault Cleared Trap	1.3.6.1.4.1.7262.2.2.21.33	NA	NA	Modem Hardware Fault Cleared	Modem Hardware Fault Cleared
hzOdu Tty Session Commenced	1.3.6.1.4.1.7262.2.2.21.46	NA	NA	User Session Commenced	User Session Commenced
hzOdu Tty Session Terminated	1.3.6.1.4.1.7262.2.2.21.47	NA	NA	User Session Terminated	User Session Terminated
hzOdu Partner Redundancy Mode Mismatch	1.3.6.1.4.1.7262.2.2.21.50	NA	NA	Partner Redundancy Mode Mismatch	Partner Redundancy Mode Mismatch
hzOdu Partner Redundancy Mode Mismatch Cleared	1.3.6.1.4.1.7262.2.2.21.51	NA	NA	Partner Redundancy Mode Mismatch Cleared	Partner Redundancy Mode Mismatch Cleared
hzOdu Partner Configuration Mismatch Trap	1.3.6.1.4.1.7262.2.2.21.52	NA	NA	Partner Configuration Mismatch	Partner Configuration Mismatch
hzOdu Partner Configuration Mismatch Cleared Trap	1.3.6.1.4.1.7262.2.2.21.53	NA	NA	Partner Configuration Mismatch Cleared	Partner Configuration Mismatch Cleared
hzOdu Hsb Active On Secondary Trap	1.3.6.1.4.1.7262.2.2.21.54	NA	NA	HSB Active On Secondary	HSB Active On Secondary
hzOdu Hsb Active On Secondary Cleared Trap	1.3.6.1.4.1.7262.2.2.21.55	NA	NA	HSB Active On Secondary Cleared	HSB Active On Secondary Cleared
hzOdu Hsb Override By User Trap	1.3.6.1.4.1.7262.2.2.21.56	NA	NA	HSB Override By User	HSB Override By User
hzOdu Hsb Override By User Cleared Trap	1.3.6.1.4.1.7262.2.2.21.57	NA	NA	HSB Override By User Cleared	HSB Override By User Cleared
hzOdu Hsb CrossLink Trap	1.3.6.1.4.1.7262.2.2.21.58	NA	NA	HSB Cross Link	HSB Cross Link
hzOdu Hsb CrossLink Cleared Trap	1.3.6.1.4.1.7262.2.2.21.59	NA	NA	HSB Cross Link Cleared	HSB Cross Link Cleared

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Subtype Variable and OID	Subtype Variable Value	Description	Short Description
hzOduHsbActiveOnPrimaryTrap	1.3.6.1.4.1.7262.2.2.21.60	NA	NA	HSB Active On Primary	HSB Active On Primary
hzOduHsbActiveOnPrimaryClearedTrap	1.3.6.1.4.1.7262.2.2.21.61	NA	NA	HSB Active On Primary Cleared	HSB Active On Primary Cleared
hzOduEnetPortQueue1DroppedFramesThresholdExceededTrap	1.3.6.1.4.1.7262.2.2.21.62	NA	NA	Ethernet Port1 Queue1 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue1 Dropped Frames Threshold Exceeded
hzOduEnetPort1Queue1DroppedFramesThresholdExceededClearedTrap	1.3.6.1.4.1.7262.2.2.21.63	NA	NA	Ethernet Port1 Queue1 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue1 Dropped Frames Threshold Exceeded Cleared
hzOduEnetPort1Queue2DroppedFramesThresholdExceededTrap	1.3.6.1.4.1.7262.2.2.21.64	NA	NA	Ethernet Port1 Queue2 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue2 Dropped Frames Threshold Exceeded
hzOduEnetPort1Queue2DroppedFramesThresholdExceededClearedTrap	1.3.6.1.4.1.7262.2.2.21.65	NA	NA	Ethernet Port1 Queue2 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue2 Dropped Frames Threshold Exceeded Cleared
hzOduEnetPort1Queue3DroppedFramesThresholdExceededTrap	1.3.6.1.4.1.7262.2.2.21.66	NA	NA	Ethernet Port1 Queue3 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue3 Dropped Frames Threshold Exceeded
hzOduEnetPort1Queue3DroppedFramesThresholdExceededClearedTrap	1.3.6.1.4.1.7262.2.2.21.67	NA	NA	Ethernet Port1 Queue3 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue3 Dropped Frames Threshold Exceeded Cleared
hzOduEnetPort1Queue4DroppedFramesThresholdExceededTrap	1.3.6.1.4.1.7262.2.2.21.68	NA	NA	Ethernet Port1 Queue4 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue4 Dropped Frames Threshold Exceeded
hzOduEnetPort1Queue4DroppedFramesThresholdExceededClearedTrap	1.3.6.1.4.1.7262.2.2.21.69	NA	NA	Ethernet Port1 Queue4 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue4 Dropped Frames Threshold Exceeded Cleared

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
hzOduEnetPort1Queue5DroppedFramesThresholdExceeded Trap	1.3.6.1.4.1.7262.2.2.21.70	NA	NA	Ethernet Port1 Queue5 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue5 Dropped Frames Threshold Exceeded
hzOduEnetPort1Queue5DroppedFramesThresholdExceeded Cleared Trap	1.3.6.1.4.1.7262.2.2.21.71	NA	NA	Ethernet Port1 Queue5 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue5 Dropped Frames Threshold Exceeded Cleared
hzOduEnetPort1Queue6DroppedFramesThresholdExceeded Trap	1.3.6.1.4.1.7262.2.2.21.72	NA	NA	Ethernet Port1 Queue6 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue6 Dropped Frames Threshold Exceeded
hzOduEnetPort1Queue6DroppedFramesThresholdExceeded Cleared Trap	1.3.6.1.4.1.7262.2.2.21.73	NA	NA	Ethernet Port1 Queue6 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue6 Dropped Frames Threshold Exceeded Cleared
hzOduEnetPort1Queue7DroppedFramesThresholdExceeded Trap	1.3.6.1.4.1.7262.2.2.21.74	NA	NA	Ethernet Port1 Queue7 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue7 Dropped Frames Threshold Exceeded
hzOduEnetPort1Queue7DroppedFramesThresholdExceeded Cleared Trap	1.3.6.1.4.1.7262.2.2.21.75	NA	NA	Ethernet Port1 Queue7 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue7 Dropped Frames Threshold Exceeded Cleared
hzOduEnetPort1Queue8DroppedFramesThresholdExceeded Trap	1.3.6.1.4.1.7262.2.2.21.76	NA	NA	Ethernet Port1 Queue8 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue8 Dropped Frames Threshold Exceeded
hzOduEnetPort1Queue8DroppedFramesThresholdExceeded Cleared Trap	1.3.6.1.4.1.7262.2.2.21.77	NA	NA	Ethernet Port1 Queue8 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue8 Dropped Frames Threshold Exceeded Cleared
hzOduEnetPort1Queue1DepthThresholdExceeded Trap	1.3.6.1.4.1.7262.2.2.21.78	NA	NA	Ethernet Port1 Queue1 Depth Threshold Exceeded	Ethernet Port1 Queue1 Depth Threshold Exceeded
hzOduEnetPort1Queue1DepthThresholdExceeded Cleared Trap	1.3.6.1.4.1.7262.2.2.21.79	NA	NA	Ethernet Port1 Queue1 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue1 Depth Threshold Exceeded Cleared

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Subtype Variable OID	Subtype Variable Value	Description	Short Description
hzOduEnetPort1Queue2DepthThresholdExceeded Trap	1.3.6.1.4.1.7262.2.2.21.80	NA	NA	Ethernet Port1 Queue2 Depth Threshold Exceeded	Ethernet Port1 Queue2 Depth Threshold Exceeded
hzOduEnetPort1Queue2DepthThresholdExceeded Cleared Trap	1.3.6.1.4.1.7262.2.2.21.81	NA	NA	Ethernet Port1 Queue2 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue2 Depth Threshold Exceeded Cleared
hzOduEnetPort1Queue3DepthThresholdExceeded Trap	1.3.6.1.4.1.7262.2.2.21.82	NA	NA	Ethernet Port1 Queue3 Depth Threshold Exceeded	Ethernet Port1 Queue3 Depth Threshold Exceeded
hzOduEnetPort1Queue3DepthThresholdExceeded Cleared Trap	1.3.6.1.4.1.7262.2.2.21.83	NA	NA	Ethernet Port1 Queue3 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue3 Depth Threshold Exceeded Cleared
hzOduEnetPort1Queue4DepthThresholdExceeded Trap	1.3.6.1.4.1.7262.2.2.21.84	NA	NA	Ethernet Port1 Queue4 Depth Threshold Exceeded	Ethernet Port1 Queue4 Depth Threshold Exceeded
hzOduEnetPort1Queue4DepthThresholdExceeded Cleared Trap	1.3.6.1.4.1.7262.2.2.21.85	NA	NA	Ethernet Port1 Queue4 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue4 Depth Threshold Exceeded Cleared
hzOduEnetPort1Queue5DepthThresholdExceeded Trap	1.3.6.1.4.1.7262.2.2.21.86	NA	NA	Ethernet Port1 Queue5 Depth Threshold Exceeded	Ethernet Port1 Queue5 Depth Threshold Exceeded
hzOduEnetPort1Queue5DepthThresholdExceeded Cleared Trap	1.3.6.1.4.1.7262.2.2.21.87	NA	NA	Ethernet Port1 Queue5 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue5 Depth Threshold Exceeded Cleared
hzOduEnetPort1Queue6DepthThresholdExceeded Trap	1.3.6.1.4.1.7262.2.2.21.88	NA	NA	Ethernet Port1 Queue6 Depth Threshold Exceeded	Ethernet Port1 Queue6 Depth Threshold Exceeded
hzOduEnetPort1Queue6DepthThresholdExceeded Cleared Trap	1.3.6.1.4.1.7262.2.2.21.89	NA	NA	Ethernet Port1 Queue6 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue6 Depth Threshold Exceeded Cleared
hzOduEnetPort1Queue7DepthThresholdExceeded Trap	1.3.6.1.4.1.7262.2.2.21.90	NA	NA	Ethernet Port1 Queue7 Depth Threshold Exceeded	Ethernet Port1 Queue7 Depth Threshold Exceeded

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
hzOduEnetPort1Queue7DepthThresholdExceeded Cleared Trap	1.3.6.1.4.1.7262.2.2.21.91	NA	NA	Ethernet Port1 Queue7 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue7 Depth Threshold Exceeded Cleared
hzOduEnetPort1Queue8DepthThresholdExceeded Trap	1.3.6.1.4.1.7262.2.2.21.92	NA	NA	Ethernet Port1 Queue8 Depth Threshold Exceeded	Ethernet Port1 Queue8 Depth Threshold Exceeded
hzOduEnetPort1Queue8DepthThresholdExceeded Cleared Trap	1.3.6.1.4.1.7262.2.2.21.93	NA	NA	Ethernet Port1 Queue8 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue8 Depth Threshold Exceeded Cleared
hzOdu Haam Config MisMatch Trap	1.3.6.1.4.1.7262.2.2.21.94	NA	NA	HAAM Configuration Mismatch	HAAM Configuration Mismatch
hzOdu Haam Config MisMatch Clear Trap	1.3.6.1.4.1.7262.2.2.21.95	NA	NA	HAAM Configuration Mismatch Cleared	HAAM Configuration Mismatch Cleared
hzOdu Haam OnLower Modulation Trap	1.3.6.1.4.1.7262.2.2.21.96	NA	NA	HAAM On Lower Modulation	HAAM On Lower Modulation
hzOdu Haam OnLower Modulation Cleared Trap	1.3.6.1.4.1.7262.2.2.21.97	NA	NA	HAAM On Lower Modulation Cleared	HAAM On Lower Modulation Cleared
hzOdu Haam Event Trap	1.3.6.1.4.1.7262.2.2.21.98	NA	NA	HAAM Event	HAAM Event
hzOdu Haam Event Cleared Trap	1.3.6.1.4.1.7262.2.2.21.99	NA	NA	HAAM Event Cleared	HAAM Event Cleared
hzOdu Atpc Config Mismatch Trap	1.3.6.1.4.1.7262.2.2.21.9	NA	NA	ATPC Config Mismatch	ATPC Config Mismatch
hzOdu Atpc Config Mismatch Cleared Trap	1.3.6.1.4.1.7262.2.2.21.10	NA	NA	ATPC Config Mismatch Cleared	ATPC Config Mismatch Cleared
hzQtm Link Down Trap	1.3.6.1.4.1.7262.2.4.21.1	1.3.6.1.2.1.2.2.1.1	3	DragonWave Link Down	DragonWave Link Down

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
hzQtm Link Up Trap	1.3.6.1.4.1.7262.2.4.21.2	1.3.6.1.2.1.2.2.1.1	3	DragonWave Link Up	DragonWave Link Up
hzQtm Atpc Config Mismatch Trap	1.3.6.1.4.1.7262.2.4.21.9	NA	NA	ATPC Config Mismatch	ATPC Config Mismatch
hzQtm Atpc Config Mismatch Cleared Trap	1.3.6.1.4.1.7262.2.4.21.10	NA	NA	ATPC Config Mismatch Cleared	ATPC Config Mismatch Cleared
hzQtm Sntp Servers Unreachable Trap	1.3.6.1.4.1.7262.2.4.21.11	NA	NA	SNTP Servers Unreachable	SNTP Servers Unreachable
hzQtm Sntp Servers Unreachable Cleared Trap	1.3.6.1.4.1.7262.2.4.21.12	NA	NA	SNTP Servers Unreachable Cleared	SNTP Servers Unreachable Cleared
hzQtm Dropped Frames Threshold Exceeded Trap	1.3.6.1.4.1.7262.2.4.21.14	NA	NA	Dropped Frames Threshold Exceeded	Dropped Frames Threshold Exceeded
hzQtm Dropped Frames Threshold Exceeded Cleared Trap	1.3.6.1.4.1.7262.2.4.21.15	NA	NA	Dropped Frames Threshold Exceeded Cleared	Dropped Frames Threshold Exceeded Cleared
hzQtm Bw Utilization Threshold Exceeded Trap	1.3.6.1.4.1.7262.2.4.21.16	NA	NA	BW Utilization Threshold Exceeded	BW Utilization Threshold Exceeded
hzQtm Bw Utilization Threshold Exceeded Cleared Trap	1.3.6.1.4.1.7262.2.4.21.17	NA	NA	BW Utilization Threshold Exceeded Cleared	BW Utilization Threshold Exceeded Cleared
hzQtm Modem Rx LossOfSignal Lock Trap	1.3.6.1.4.1.7262.2.4.21.22	1.3.6.1.4.1.7262.2.4.7.4.1.1.1.1	1	Modem Rx LOS Lock	Modem Rx LOS Lock

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Sub type Varbi nd OID	Sub typ e Var bin d Val ue	Description	Short Description
hzQtm Modem Rx LossOfSignal Lock Cleared Trap	1.3.6.1.4.1.7262.2.4.21.23	1.3.6 .1.4. 1.72 62.2. 4.7.4 .1.1. 1.1	1	Modem Rx LOS Lock Cleared	Modem Rx LOS Lock Cleared
hzQtm Modem Snr Below Threshold Trap	1.3.6.1.4.1.7262.2.4.21.26	1.3.6 .1.4. 1.72 62.2. 4.7.4 .1.1. 1.1	1	Modem SNR Below Threshold	Modem SNR Below Threshold
hzQtm Modem Snr Below Threshold Cleared Trap	1.3.6.1.4.1.7262.2.4.21.27	1.3.6 .1.4. 1.72 62.2. 4.7.4 .1.1. 1.1	1	Modem SNR Below Threshold Cleared	Modem SNR Below Threshold Cleared
hzQtm Modem Equalizer Stress Exceed Threshold Trap	1.3.6.1.4.1.7262.2.4.21.28	1.3.6 .1.4. 1.72 62.2. 4.7.4 .1.1. 1.1	2	Modem Equalizer Stress Exceed Threshold	Modem Equalizer Stress Exceed Threshold
hzQtm Modem Equalizer Stress Exceed Threshold Cleared Trap	1.3.6.1.4.1.7262.2.4.21.29	1.3.6 .1.4. 1.72 62.2. 4.7.4 .1.1. 1.1	2	Modem Equalizer Stress Exceed Threshold Cleared	Modem Equalizer Stress Exceed Threshold Cleared

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
hzQtm Channelized Rsl Below Threshold Trap	1.3.6.1.4.1.7262.2.4.21.30	1.3.6.1.4.1.7262.2.4.7.4.1.1.1	2	Channelized RSL Below Threshold	Channelized RSL Below Threshold
hzQtm Channelized Rsl Below Threshold Cleared Trap	1.3.6.1.4.1.7262.2.4.21.31	1.3.6.1.4.1.7262.2.4.7.4.1.1.1	2	Channelized RSL Below Threshold Cleared	Channelized RSL Below Threshold Cleared
hzQtm User Session Commenced Trap	1.3.6.1.4.1.7262.2.4.21.34	NA	NA	User Session Commenced	User Session Commenced
hzQtm User Session Terminated Trap	1.3.6.1.4.1.7262.2.4.21.35	NA	NA	User Session Terminated	User Session Terminated
hzQtm Radio Synth Lost Lock Trap	1.3.6.1.4.1.7262.2.4.21.38	1.3.6.1.4.1.7262.2.4.7.4.2.1.1	1	Radio Synth Lost Lock	Radio Synth Lost Lock
hzQtm Radio Synth Lost Lock Cleared Trap	1.3.6.1.4.1.7262.2.4.21.39	1.3.6.1.4.1.7262.2.4.7.4.2.1.1	1	Radio Synth Lost Lock Cleared	Radio Synth Lost Lock Cleared
hzQtm Radio Lost Communication Trap	1.3.6.1.4.1.7262.2.4.21.40	1.3.6.1.4.1.7262.2.4.7.4.2.1.1	1	Radio Lost Communication	Radio Lost Communication

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Sub type Varbi nd OID	Sub typ e Var bin d Val ue	Description	Short Description
hzQtm Radio Lost Communication Cleared Trap	1.3.6.1.4.1.7262.2.4.21.41	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Radio Lost Communication Cleared	Radio Lost Communication Cleared
hzQtm Radio Mismatch Trap	1.3.6.1.4.1.7262.2.4.21.42	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	2	Radio Mismatch	Radio Mismatch
hzQtm Radio Mismatch Cleared	1.3.6.1.4.1.7262.2.4.21.43	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	2	Radio Mismatch Cleared	Radio Mismatch Cleared
hzQtm Radio Power Amp Trap	1.3.6.1.4.1.7262.2.4.21.44	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Radio Power Amp	Radio Power Amp
hzQtm Radio Power Amp Cleared Trap	1.3.6.1.4.1.7262.2.4.21.45	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Radio Power Amp Cleared	Radio Power Amp Cleared

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Sub type Varbi nd OID	Sub typ e Var bin d Val ue	Description	Short Description
hzQtm Radio Excessive Tx CableLoss Trap	1.3.6.1.4.1.7262.2.4.21.46	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Radio Excessive Tx Cable Loss	Radio Excessive Tx Cable Loss
hzQtm Radio Excessive Tx CableLoss Cleared Trap	1.3.6.1.4.1.7262.2.4.21.47	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Radio Excessive Tx Cable Loss Cleared	Radio Excessive Tx Cable Loss Cleared
hzQtm HiPower Radio Tx Detector Trap	1.3.6.1.4.1.7262.2.4.21.48	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	2	High Power Radio Tx Detector	High Power Radio Tx Detector
hzQtm HiPower Radio Tx Detector Cleared Trap	1.3.6.1.4.1.7262.2.4.21.49	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	2	High Power Radio Tx Detector Cleared	High Power Radio Tx Detector Cleared
hzQtm Secondary Radio IsActive Trap	1.3.6.1.4.1.7262.2.4.21.50	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	2	Secondary Radio Is Active	Secondary Radio Is Active

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Sub type Varbi nd OID	Sub type Var bin d Val ue	Description	Short Description
hzQtm Secondary Radio IsActive Cleared Trap	1.3.6.1.4.1.7262.2.4.21.51	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	2	Secondary Radio Is Active Cleared	Secondary Radio Is Active Cleared
hzQtm Redundancy SerialNumber Mismatch Trap	1.3.6.1.4.1.7262.2.4.21.52	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Redundancy Serial Number Mismatch	Redundancy Serial Number Mismatch
hzQtm Redundancy SerialNumber Mismatch Cleared Trap	1.3.6.1.4.1.7262.2.4.21.53	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Redundancy Serial Number Mismatch Cleared	Redundancy Serial Number Mismatch Cleared
hzQtm Secondary Radio NotDetected Trap	1.3.6.1.4.1.7262.2.4.21.56	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Secondary Radio Not Detected	Secondary Radio Not Detected
hzQtm Secondary Radio NotDetected Cleared Trap	1.3.6.1.4.1.7262.2.4.21.57	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Secondary Radio Not Detected Cleared	Secondary Radio Not Detected Cleared

Table 10-9 *DragonWave Horizon Series V2 Traps*

Trap Name	Trap OID	Sub type Varbi nd OID	Sub typ e Var bin d Val ue	Description	Short Description
hzQtm Primary Radio NotDetected Trap	1.3.6.1.4.1.7262.2.4.21.58	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Primary Radio Not Detected	Primary Radio Not Detected
hzQtm Primary Radio NotDetected Cleared Trap	1.3.6.1.4.1.7262.2.4.21.59	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Primary Radio Not Detected Cleared	Primary Radio Not Detected Cleared
hzQtm Faulty Primary Radio Trap	1.3.6.1.4.1.7262.2.4.21.60	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Primary Radio	Primary Radio
hzQtm Faulty Primary Radio Cleared Trap	1.3.6.1.4.1.7262.2.4.21.61	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Primary Radio Cleared	Primary Radio Cleared
hzQtm Excessive Rx CableLoss Trap	1.3.6.1.4.1.7262.2.4.21.64	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	2	Excessive Rx Cable Loss	Excessive Rx Cable Loss

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
hzQtm Excessive Rx CableLoss Cleared Trap	1.3.6.1.4.1.7262.2.4.21.65	1.3.6.1.4.1.7262.2.4.7.4.2.1.1.1	2	Excessive Rx Cable Loss Cleared	Excessive Rx Cable Loss Cleared
hzQtm Redundancy Secondary PortIsActive Trap	1.3.6.1.4.1.7262.2.4.21.68	NA	NA	Redundancy Secondary Port Is Active	Redundancy Secondary Port Is Active
hzQtm Redundancy Secondary PortIsActive Cleared Trap	1.3.6.1.4.1.7262.2.4.21.69	NA	NA	Redundancy Secondary Port Is Active Cleared	Redundancy Secondary Port Is Active Cleared
hzQtm Redundancy Primary PortFaulty Trap	1.3.6.1.4.1.7262.2.4.21.70	NA	NA	Redundancy Primary Port Faulty	Redundancy Primary Port Faulty
hzQtm Redundancy Primary PortFaulty Cleared Trap	1.3.6.1.4.1.7262.2.4.21.71	NA	NA	Redundancy Primary Port Faulty Cleared	Redundancy Primary Port Faulty Cleared
hzQtm Redundancy Secondary PortFaulty Trap	1.3.6.1.4.1.7262.2.4.21.72	NA	NA	Redundancy Secondary Port Faulty	Redundancy Secondary Port Faulty
hzQtm Redundancy Secondary PortFaulty Cleared Trap	1.3.6.1.4.1.7262.2.4.21.73	NA	NA	Redundancy Secondary Port Faulty Cleared	Redundancy Secondary Port Faulty Cleared
hzQtm Fan Failed Trap	1.3.6.1.4.1.7262.2.4.21.74	NA	NA	Fan Failed	Fan Failed
hzQtm Fan Failure Cleared Trap	1.3.6.1.4.1.7262.2.4.21.75	NA	NA	Fan Failed Cleared	Fan Failed Cleared
hzQtm Radio Unit Hw Changed Trap	1.3.6.1.4.1.7262.2.4.21.78	1.3.6.1.4.1.7262.2.4.7.4.2.1.1.1	1	Radio Unit Hw Changed	Radio Unit Hw Changed

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Sub type Varbi nd OID	Sub typ e Var bin d Val ue	Description	Short Description
hzQtm Radio Drain Current Trap	1.3.6.1.4.1.7262.2.4.21.84	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Radio Drain Current	Radio Drain Current
hzQtm Radio Drain Current Cleared Trap	1.3.6.1.4.1.7262.2.4.21.85	1.3.6 .1.4. 1.72 62.2. 4.7.4 .2.1. 1.1	1	Radio Drain Current Cleared	Radio Drain Current Cleared
Cold start trap	1.3.6.1.6.3.1.1.5.1	NA	NA	DragonWave Cold Start	DragonWave Cold Start
hzCp Link Down Trap	1.3.6.1.4.1.7262.2.5.11.1	NA	NA	DragonWave Link Down	DragonWave Link Down
hzCp Link Up Trap	1.3.6.1.4.1.7262.2.5.11.2	NA	NA	DragonWave Link Up	DragonWave Link Up
hzCp Radio Drain Current Out Of Limit Trap	1.3.6.1.4.1.7262.2.5.11.43	NA	NA	Radio Drain Current	Radio Drain Current
hzCp Radio Drain Current Out Of Limit Cleared Trap	1.3.6.1.4.1.7262.2.5.11.44	NA	NA	Radio Drain Current Cleared	Radio Drain Current Cleared
hzCp Radio Power Amplifier Trap	1.3.6.1.4.1.7262.2.5.11.45	NA	NA	Radio Power Amp	Radio Power Amp
hzCp Radio Power Amplifier Cleared Trap	1.3.6.1.4.1.7262.2.5.11.46	NA	NA	Radio Power Amp Cleared	Radio Power Amp Cleared
hzCp Modem Rx Loss Of Signal Lock Trap	1.3.6.1.4.1.7262.2.5.11.31	NA	NA	Modem Rx LOS Lock	Modem Rx LOS Lock
hzCp Modem Rx Loss Of Signal Lock Cleared Trap	1.3.6.1.4.1.7262.2.5.11.32	NA	NA	Modem Rx LOS Lock Cleared	Modem Rx LOS Lock Cleared

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
hzCp Modem Snr Below Threshold Trap	1.3.6.1.4.1.7262.2.5.11.33	NA	NA	Modem SNR Below Threshold	Modem SNR Below Threshold
hzCp Modem Snr Below Threshold Cleared Trap	1.3.6.1.4.1.7262.2.5.11.34	NA	NA	Modem SNR Below Threshold Cleared	Modem SNR Below Threshold Cleared
hzCp Modem Equalizer Stress Threshold Trap	1.3.6.1.4.1.7262.2.5.11.35	NA	NA	Modem Equalizer Stress Exceed Threshold	Modem Equalizer Stress Exceed Threshold
hzCp Modem Equalizer Stress Threshold Cleared Trap	1.3.6.1.4.1.7262.2.5.11.36	NA	NA	Modem Equalizer Stress Exceed Threshold Cleared	Modem Equalizer Stress Exceed Threshold Cleared
hzCp Rsl Below Threshold Trap	1.3.6.1.4.1.7262.2.5.11.37	NA	NA	Channelized RSL Below Threshold	Channelized RSL Below Threshold
hzCp Rsl Below Threshold Cleared Trap	1.3.6.1.4.1.7262.2.5.11.38	NA	NA	Channelized RSL Below Threshold Cleared	Channelized RSL Below Threshold Cleared
hzCp No Sntp Servers Reachable Trap	1.3.6.1.4.1.7262.2.5.11.14	NA	NA	SNTP Servers Unreachable	SNTP Servers Unreachable
hzCp No Sntp Servers Reachable Cleared Trap	1.3.6.1.4.1.7262.2.5.11.15	NA	NA	SNTP Servers Unreachable Cleared	SNTP Servers Unreachable Cleared
hzCp User Session Trap	1.3.6.1.4.1.7262.2.5.11.73	NA	NA	User Session Commenced	User Session Commenced
hzCp User Session Cleared Trap	1.3.6.1.4.1.7262.2.5.11.74	NA	NA	User Session Terminated	User Session Terminated
hzCp Hitless Aam Config MisMatch Trap	1.3.6.1.4.1.7262.2.5.11.5	NA	NA	HAAM Configuration Mismatch	HAAM Configuration Mismatch
hzCp Hitless Aam Config MisMatch Cleared Trap	1.3.6.1.4.1.7262.2.5.11.6	NA	NA	HAAM Configuration Mismatch Cleared	HAAM Configuration Mismatch Cleared
hzCp Hitless Aam Modulation Lowered Trap	1.3.6.1.4.1.7262.2.5.11.7	NA	NA	HAAM On Lower Modulation	HAAM On Lower Modulation

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Subtype Variable and OID	Subtype Variable Value	Description	Short Description
hzCp Hitless Aam Modulation Lowered Cleared Trap	1.3.6.1.4.1.7262.2.5.11.8	NA	NA	HAAM On Lower Modulation Cleared	HAAM On Lower Modulation Cleared
hzCp Atpc Config Mismatch Trap	1.3.6.1.4.1.7262.2.5.11.10	NA	NA	ATPC Config Mismatch	ATPC Config Mismatch
hzCp Atpc Config Mismatch Cleared Trap	1.3.6.1.4.1.7262.2.5.11.11	NA	NA	ATPC Config Mismatch Cleared	ATPC Config Mismatch Cleared
hzCp Bw Utilization Threshold Trap	1.3.6.1.4.1.7262.2.5.11.21	NA	NA	BW Utilization Threshold Exceeded	BW Utilization Threshold Exceeded
hzCp Bw Utilization Threshold Cleared Trap	1.3.6.1.4.1.7262.2.5.11.22	NA	NA	BW Utilization Threshold Exceeded Cleared	BW Utilization Threshold Exceeded Cleared
hzCp Aggregate Dropped Frames Threshold Trap	1.3.6.1.4.1.7262.2.5.11.17	NA	NA	Aggregate Dropped Frames Threshold	Aggregate Dropped Frames Threshold
hzCp Aggregate Dropped Frames Threshold Cleared Trap	1.3.6.1.4.1.7262.2.5.11.18	NA	NA	Aggregate Dropped Frames Threshold Cleared	Aggregate Dropped Frames Threshold Cleared
hzCp Ethernet Speed Reduced Trap	1.3.6.1.4.1.7262.2.5.11.67	NA	NA	Ethernet Speed Reduced	Ethernet Speed Reduced
hzCp Ethernet Speed Reduced Cleared Trap	1.3.6.1.4.1.7262.2.5.11.68	NA	NA	Ethernet Speed Reduced Cleared	Ethernet Speed Reduced Cleared
hzCp Temperature Out Of Limit Trap	1.3.6.1.4.1.7262.2.5.11.47	NA	NA	Radio Temperature Out Of Limit	Radio Temperature Out Of Limit
hzCp Temperature Out Of Limit Cleared Trap	1.3.6.1.4.1.7262.2.5.11.48	NA	NA	Radio Temperature Out Of Limit Cleared	Radio Temperature Out Of Limit Cleared
hzCp Queue Dropped Frames Threshold Trap	1.3.6.1.4.1.7262.2.5.11.19	NA	NA	Ethernet Queue Dropped Frames Threshold	Ethernet Queue Dropped Frames Threshold
hzCp Queue Dropped Frames Threshold Cleared Trap	1.3.6.1.4.1.7262.2.5.11.20	NA	NA	Ethernet Queue Dropped Frames Threshold Cleared	Ethernet Queue Dropped Frames Threshold Cleared

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
hzCp Redundancy Partner Config Mismatch Trap	1.3.6.1.4.1.7262.2.5.11.49	NA	NA	Redundancy Partner Config Mismatch	Redundancy Partner Config Mismatch
hzCp Redundancy Partner Config Mismatch Cleared Trap	1.3.6.1.4.1.7262.2.5.11.50	NA	NA	Redundancy Partner Config Mismatch Cleared	Redundancy Partner Config Mismatch Cleared
hzCp Redundancy Active On Secondary Trap	1.3.6.1.4.1.7262.2.5.11.51	NA	NA	Redundancy Active On Secondary	Redundancy Active On Secondary
hzCp Redundancy Active On Secondary Cleared Trap	1.3.6.1.4.1.7262.2.5.11.52	NA	NA	Redundancy Active On Secondary Cleared	Redundancy Active On Secondary Cleared
hzCp Redundancy Operating In Forced Switch Trap	1.3.6.1.4.1.7262.2.5.11.53	NA	NA	Redundancy Operating In Forced Switch	Redundancy Operating In Forced Switch
hzCp Redundancy Operating In Forced Switch Cleared Trap	1.3.6.1.4.1.7262.2.5.11.54	NA	NA	Redundancy Operating In Forced Switch Cleared	Redundancy Operating In Forced Switch Cleared
hzCp Redundancy Enet Cross Link Trap	1.3.6.1.4.1.7262.2.5.11.55	NA	NA	Redundancy Enet Cross Link	Redundancy Enet Cross Link
hzCp Redundancy Enet Cross Link Cleared Trap	1.3.6.1.4.1.7262.2.5.11.56	NA	NA	Redundancy Enet Cross Link Cleared	Redundancy Enet Cross Link Cleared
hzCp Redundancy Active Using Partner WLink Trap	1.3.6.1.4.1.7262.2.5.11.57	NA	NA	Redundancy Active Using Partner WirelessLink	Redundancy Active Using Partner WirelessLink
hzCp Redundancy Active Using Partner Wlink Cleared Trap	1.3.6.1.4.1.7262.2.5.11.58	NA	NA	Redundancy Active Using Partner WirelessLink Cleared	Redundancy Active Using Partner WirelessLink Cleared
hzCp Redundancy Standby Wlink In Use Trap	1.3.6.1.4.1.7262.2.5.11.59	NA	NA	Redundancy Standby WirelessLink In Use	Redundancy Standby WirelessLink In Use
hzCp Redundancy Standby Wlink In Use Cleared Trap	1.3.6.1.4.1.7262.2.5.11.60	NA	NA	Redundancy Standby WirelessLink In Use Cleared	Redundancy Standby WirelessLink In Use Cleared

Table 10-9 DragonWave Horizon Series V2 Traps

Trap Name	Trap OID	Sub type Varbi nd OID	Sub type Varbi nd Val ue	Description	Short Description
hzCp Redundancy Standby On Primary Trap	1.3.6.1.4.1.7262.2.5.11.61	NA	NA	Redundancy Standby On Primary	Redundancy Standby On Primary
hzCp Redundancy Standby On Primary Cleared Trap	1.3.6.1.4.1.7262.2.5.11.62	NA	NA	Redundancy Standby On Primary Cleared	Redundancy Standby On Primary Cleared
hzCpX2 Delivering Half Capacity Trap	1.3.6.1.4.1.7262.2.5.11.63	NA	NA	X2 Delivering Half Capacity	X2 Delivering Half Capacity
hzCpX2 Delivering Half Capacity Cleared Trap	1.3.6.1.4.1.7262.2.5.11.64	NA	NA	X2 Delivering Half Capacity Cleared	X2 Delivering Half Capacity Cleared
hzCp Bnc Cable Signal Not Detected Trap	1.3.6.1.4.1.7262.2.5.11.65	NA	NA	BNC Cable Signal Not Detected	BNC Cable Signal Not Detected
hzCp Bnc Cable Signal Not Detected Cleared Trap	1.3.6.1.4.1.7262.2.5.11.66	NA	NA	BNC Cable Signal Not Detected Cleared	BNC Cable Signal Not Detected Cleared
hzCp Queue Depth Threshold Trap	1.3.6.1.4.1.7262.2.5.11.23	NA	NA	Queue Depth Threshold	Queue Depth Threshold
hzCp Queue Depth Threshold Cleared Trap	1.3.6.1.4.1.7262.2.5.11.24	NA	NA	Queue Depth Threshold Cleared	Queue Depth Threshold Cleared
hzCp Hitless Aam Modulation Changed Event Trap	1.3.6.1.4.1.7262.2.5.11.9	NA	NA	HAAM Modulation Changed Event	HAAM Modulation Changed Event
hzCp Atpc Auto Disabled Trap	1.3.6.1.4.1.7262.2.5.11.12	NA	NA	ATPC Auto Disabled	ATPC Auto Disabled
hzCp Atpc Auto Disabled Cleared Trap	1.3.6.1.4.1.7262.2.5.11.13	NA	NA	ATPC Auto Disabled Cleared	ATPC Auto Disabled Cleared

*.Level of support for the trap is extended to the Association level with respect to the Trap name.

Huawei S9300-Series V1 Traps

Table 10-10 lists the Huawei S9300-Series V1 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see Table 10-37.

Table 10-10 Huawei S9300-Series V1 Traps

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
This type will handle all traps sent from SUN server (the OID is the SUN SNMP mib)			1.3.6.1.4.1.42			Dummy ticket on sun servers	dummy ticket trap
warmStart	2	0	1.3.6.1.6.3.1.1.5			A warmStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself such that its configuration is unaltered	huawei Warm start trap
MIB2 V1 link down	2	0	1.3.6.1.6.3.1.1.5	N/A	N/A	A linkDown trap signifies that the sending protocol entity recognizes a failure in one of the communication links represented in the agent's configuration. The Trap-PDU of type linkDown contains as the first element of its variable-bindings, the name and value of the ifIndex instance for the affected interface.	huawei SNMP Link down
MIB2 V1 link up	3	0	1.3.6.1.6.3.1.1.5	N/A	N/A	A linkUp trap signifies that the sending protocol entity recognizes that one of the communication links represented in the agent's configuration has come up. The Trap-PDU of type linkUp contains as the first element of its variable-bindings, the name and value of the ifIndex instance for the affected interface.	huawei SNMP Link up
coldStart	0	0	1.3.6.1.6.3.1.1.5	N/A	N/A	A coldStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration may have been altered.	huawei Cold start trap

Table 10-10 Huawei S9300-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
bgpBackwardTransition	6	2	1.3.6.1.2.1.15.7	NA	NA	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	huawei BGP down trap
bgpEstablished	6	1	1.3.6.1.2.1.15.7	1.3.6.1.2.1.15.3.1.2	= 6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	huawei BGP established trap
authenticationFailure	6	5	1.3.6.1.6.3.1.1.5	NA	NA	An authenticationFailure trap signifies that the SNMP entity has received a protocol message that is not properly authenticated. While all implementations of SNMP entities MAY be capable of generating this trap, the snmpEnableAuthenTraps object indicates whether this trap will be generated.	huawei SNMP authentication failure
ospfIfStateChange	6	16	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.7.1.12	= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	huawei OSPF interface state changed to Down
ospfIfStateChange	6	16	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.7.1.12	!= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	huawei OSPF interface state changed to Up
ospfNbrStateChange	6	2	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.10.1.6	!= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	huawei OSPF neighbor state down

Table 10-10 Huawei S9300-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfNbrStateChange	6	2	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.10.1.6	= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	huawei OSPF neighbor state up
ospfIfConfigError	6	4	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfConfigError trap signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	huawei OSPF interface configuration error
ospfIfAuthFailure	6	6	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfAuthFailure trap signifies that a packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	huawei OSPF interface authentication failure
ospfIfRxBadPacket	6	8	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfRxBadPacket trap signifies that an OSPF packet has been received on a non-virtual interface that cannot be parsed.	huawei OSPF bad packet received
ospfTxRetransmit	6	10	1.3.6.1.2.1.14.16.2	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a non-virtual interface.	huawei OSPF packet retransmitted
ospfOriginateLsa	6	12	1.3.6.1.2.1.14.16.2	NA	NA	An ospfOriginateLsa trap signifies that a new LSA has been originated by this router. This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.	huawei OSPF new LSA originated
ospfMaxAgeLsa	6	13	1.3.6.1.2.1.14.16.2	NA	NA	An ospfMaxAgeLsa trap signifies that one of the LSA in the router's link-state database has aged to MaxAge.	huawei OSPF LSA aged to MaxAge

Huawei S9300-Series V2 Traps

Table 10-11 lists the Huawei S9300-Series V2 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see Table 10-38.

Table 10-11 Huawei S9300-Series V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
bgpBackwardTransition	1.3.6.1.2.1.15.7.2	NA	NA	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	huawei BGP down trap
bgpEstablished	1.3.6.1.2.1.15.7.1	1.3.6.1.2.1.15.3.1.2	= 6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	huawei BGP established trap
entConfigChange	1.3.6.1.2.1.47.2.0.1	NA	NA	An entConfigChange notification is generated when the value of entLastChangeTime changes. It can be utilized by an NMS to trigger logical/physical entity table maintenance polls.	huawei Entity table configuration changed
coldStart	1.3.6.1.6.3.1.1.5.1	NA	NA	A coldStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration may have been altered.	huawei Cold start trap
warmStart	1.3.6.1.6.3.1.1.5.2	NA	NA	A warmStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself such that its configuration is unaltered	huawei Warm start trap
authenticationFailure	1.3.6.1.6.3.1.1.5.5	NA	NA	An authenticationFailure trap signifies that the SNMP entity has received a protocol message that is not properly authenticated. While all implementations of SNMP entities MAY be capable of generating this trap, the snmpEnableAuthenTraps object indicates whether this trap will be generated.	huawei SNMP authentication failure

Table 10-11 Huawei S9300-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
linkDown	1.3.6.1.6.3.1.1.5.3	NA	NA	A linkDown trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.	huawei SNMP Link down
linkUp	1.3.6.1.6.3.1.1.5.4	NA	NA	A linkUp trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into some other state (but not into the notPresent state). This other state is indicated by the included value of ifOperStatus.	huawei SNMP Link up
ospfIfStateChange	1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	huawei OSPF interface state changed to Down
ospfIfStateChange	1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	!= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	huawei OSPF interface state changed to Up
ospfVirtIfStateChange	1.3.6.1.2.1.14.16.2.1	NA	NA	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual interface. This trap should be generated when the inter-face state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	huawei OSPF virtual interface state changed to Down

Table 10-11 Huawei S9300-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfNbrStateChange	1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.10.1.6	!= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	huawei OSPF neighbor state down
ospfNbrStateChange	1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.10.1.6	= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	huawei OSPF neighbor state up
ospfVirtNbrStateChange	1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.11.1.5	!= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	huawei OSPF virtual neighbor state down
ospfVirtNbrStateChange	1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.11.1.5	= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	huawei OSPF virtual neighbor state up
ospfIfConfigError	1.3.6.1.2.1.14.16.2.4	NA	NA	An ospfIfConfigError trap signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	huawei OSPF interface configuration error
ospfVirtIfConfigError	1.3.6.1.2.1.14.16.2.5	NA	NA	An ospfConfigError trap signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	huawei OSPF virtual interface configuration error

Table 10-11 Huawei S9300-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfIfAuthFailure	1.3.6.1.2.1.14.16.2.6	NA	NA	An ospfIfAuthFailure trap signifies that a packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	huawei OSPF interface authentication failure
ospfVirtIfAuthFailure	1.3.6.1.2.1.14.16.2.7	NA	NA	An ospfVirtIfAuthFailure trap signifies that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	huawei OSPF virtual interface authentication failure
ospfIfRxBadPacket	1.3.6.1.2.1.14.16.2.8	NA	NA	An ospfIfRxBadPacket trap signifies that an OSPF packet has been received on a non-virtual interface that cannot be parsed.	huawei OSPF bad packet received
ospfVirtIfRxBadPacket	1.3.6.1.2.1.14.16.2.9	NA	NA	An ospfRxBadPacket trap signifies that an OSPF packet has been received on a virtual interface that cannot be parsed.	huawei OSPF bad packet received on virtual interface
ospfTxRetransmit	1.3.6.1.2.1.14.16.2.10	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a non-virtual interface.	huawei OSPF packet retransmitted
ospfVirtIfTxRetransmit	1.3.6.1.2.1.14.16.2.11	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a virtual interface.	huawei OSPF packet retransmitted on virtual interface
ospfOriginateLsa	1.3.6.1.2.1.14.16.2.12	NA	NA	An ospfOriginateLsa trap signifies that a new LSA has been originated by this router. This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.	huawei OSPF new LSA originated
ospfMaxAgeLsa	1.3.6.1.2.1.14.16.2.13	NA	NA	An ospfMaxAgeLsa trap signifies that one of the LSA in the router's link-state database has aged to MaxAge.	huawei OSPF LSA aged to MaxAge

Table 10-11 Huawei S9300-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
mplsL3VpnNumVrfRouteMaxThreshCleared	1.3.6.1.2.1.10.166.11.0.6	NA	NA	This notification is generated only after the number of routes contained by the specified VRF exceeds or attempts to exceed the maximum allowed value as indicated by mplsVrfMaxRouteThreshold, and then falls below this value.	huawei mpls l3 vpn numvrf routemax thresh cleared Trap
mplsL3VpnVrfDown	1.3.6.1.2.1.10.166.11.0.2	NA	NA	This notification is generated when: a. One interface is associated with this VRF, and the ifOperStatus of this interface changes from up(1) to down(2). b. Multiple interfaces are associated with this VRF, and the ifOperStatus of all except one of these interfaces is equal to up(1), and the ifOperStatus of that interface changes from up(1) to down(2). c. The last interface with ifOperStatus equal to up(1) is disassociated from a VRF	huawei mpls l3 vpn vrf Down Trap
mplsL3VpnVrfNumVrfRouteMaxThreshExceeded	1.3.6.1.2.1.10.166.11.0.4	NA	NA	This notification is generated when the number of routes contained by the specified VRF exceeds or attempts to exceed the maximum allowed value as indicated by mplsL3VpnVrfMaxRouteThreshold.	huawei mpls l3 vpn vrf numvrf routemax thresh exceeded Trap
mplsL3VpnVrfRouteMidThreshExceeded	1.3.6.1.2.1.10.166.11.0.3	NA	NA	This notification is generated when the number of routes contained by the specified VRF exceeds the value indicated by mplsL3VpnVrfMidRouteThreshold.	huawei mpls l3 vpn vrf routemid thresh exceeded Trap

Table 10-11 Huawei S9300-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
mplsL3VpnVrfUp	1.3.6.1.2.1.10.166.11.0.1	NA	NA	This notification is generated when: a. No interface is associated with this VRF, and the first (and only first) interface associated with it has its ifOperStatus change to up(1). b. One interface is associated with this VRF, and the ifOperStatus of this interface changes to up(1). c. Multiple interfaces are associated with this VRF, and the ifOperStatus of all interfaces is down(2), and the first of those interfaces has its ifOperStatus change to up(1).	huawei mpls l3 vpn vrf Up Trap
mplsTunnelRerouted	1.3.6.1.2.1.10.166.3.0.3	NA	NA	generated when a tunnel is rerouted. If the mplsTunnelARHopTable is used, then this tunnel instance's entry in the mplsTunnelARHopTable MAY contain the new path for this tunnel some time after this trap is issued by the agent	huawei MPLS-TE tunnel rerouted trap
mplsTunnelReoptimized	1.3.6.1.2.1.10.166.3.0.4	NA	NA	generated when a tunnel is reoptimized. If the mplsTunnelARHopTable is used, then this tunnel instance's entry in the mplsTunnelARHopTable MAY contain the new path for this tunnel some time after this trap is issued by the agent	huawei MPLS-TE tunnel reoptimized trap
mplsTunnelDown	1.3.6.1.2.1.10.166.3.0.2	NA	NA	generated when a mplsTunnelOperStatus object for one of the configured tunnels is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of mplsTunnelOperStatus	huawei MPLS-TE tunnel down
mplsTunnelUp	1.3.6.1.2.1.10.166.3.0.1	NA	NA	generated when a mplsTunnelOperStatus object for one of the configured tunnels is about to leave the down state and transition into some other state (but not into the notPresent state). This other state is indicated by the included value of mplsTunnelOperStatus	huawei MPLS-TE tunnel up

Huawei CX600/ATN Series V1 Traps

Huawei CX600/ATN Series V1 traps supported in Cisco ANA is the same as the Huawei S9300-Series V1 traps. For more details on the Huawei S9300-Series V1 traps see [Table 10-10](#).

Huawei CX600/ATN Series V2 Traps

Huawei CX600/ATN Series V2 traps supported in Cisco ANA is the same as the Huawei S9300-Series V2 traps. For more details on the Huawei S9300-Series V2 traps see [Table 10-11](#).

Juniper E-Series V1 Traps

[Table 10-12](#) lists the Juniper E-Series V1 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see [Table 10-39](#).

Table 10-12 Juniper E-Series V1 Traps

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
bgpEstablished	6	1,2-6	1.3.6.1.2.1.15.7	1.3.6.1.2.1.15.3.1.2	6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	Juniper BGP established trap
bgpBackwardTransition	6	1,2-6	1.3.6.1.2.1.15.7	1.3.6.1.2.1.15.3.1.2	1	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	Juniper BGP down trap

Juniper E-Series V2 Traps

Table 10-13 lists the Juniper M-Series V2 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see Table 10-40.

Table 10-13 Juniper E-Series V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
frDLCIStatusChange	1.3.6.1.2.1.10.32.0.1	3	1.3.6.1.2.1.10.32.2.1.3	This trap indicates that the indicated Virtual Circuit has changed state. It has either been created or invalidated, or has toggled between the active and inactive states. If, however, the reason for the state change is due to the DLCMI going down, per-DLCI traps should not be generated.	Juniper FR DLCI status change trap
frDLCIStatusChange	1.3.6.1.2.1.10.32.0.1	2	1.3.6.1.2.1.10.32.2.1.3	This trap indicates that the indicated Virtual Circuit has changed state. It has either been created or invalidated, or has toggled between the active and inactive states. If, however, the reason for the state change is due to the DLCMI going down, per-DLCI traps should not be generated.	Juniper FR DLCI status up trap
ospfIfStateChange	1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Down
ospfIfStateChange	1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	!= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Up
ospfVirtIfStateChange	1.3.6.1.2.1.14.16.2.1	NA	NA	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual interface. This trap should be generated when the inter-face state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	Juniper OSPF virtual interface state changed to Down

Table 10-13 Juniper E-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfNbrStateChange	.1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.10.1.6	!= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state down
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.11.1.5	!= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state down
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.11.1.5	= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state up
ospfIfConfigError	.1.3.6.1.2.1.14.16.2.4	NA	NA	An ospfIfConfigError trap signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF interface configuration error
ospfVirtIfConfigError	.1.3.6.1.2.1.14.16.2.5	NA	NA	An ospfConfigError trap signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF virtual interface configuration error
ospfIfAuthFailure	.1.3.6.1.2.1.14.16.2.6	NA	NA	An ospfIfAuthFailure trap signifies that a packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF interface authentication failure
ospfVirtIfAuthFailure	.1.3.6.1.2.1.14.16.2.7	NA	NA	An ospfVirtIfAuthFailure trap signifies that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF virtual interface authentication failure

Table 10-13 Juniper E-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfIfRxBadPacket	.1.3.6.1.2.1.14.16.2.8	NA	NA	An ospfIfRxBadPacket trap signifies that an OSPF packet has been received on a non-virtual interface that cannot be parsed.	Juniper OSPF bad packet received
ospfVirtIfRxBadPacket	.1.3.6.1.2.1.14.16.2.9	NA	NA	An ospfVirtIfRxBadPacket trap signifies that an OSPF packet has been received on a virtual interface that cannot be parsed.	Juniper OSPF bad packet received on virtual interface
ospfVirtIfTxRetransmit	.1.3.6.1.2.1.14.16.2.11	NA	NA	An ospfVirtIfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a virtual interface.	Juniper OSPF packet retransmitted on virtual interface
newRoot	1.3.6.1.2.1.17.0.1			The newRoot trap indicates that the sending agent has become the new root of the Spanning Tree; the trap is sent by a bridge soon after its election as the new root, e.g., upon expiration of the Topology Change Timer, immediately subsequent to its election. Implementation of this trap is optional.	Juniper new root trap
topologyChange	1.3.6.1.2.1.17.0.2			A topologyChange trap is sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state. The trap is not sent if a newRoot trap is sent for the same transition. Implementation of this trap is optional.	Juniper Spanning Tree Topology Changed
coldStart	1.3.6.1.6.3.1.1.5.1			A coldStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration may have been altered.	Juniper Cold start trap
authenticationFailure	1.3.6.1.6.3.1.1.5.5			An authenticationFailure trap signifies that the SNMP entity has received a protocol message that is not properly authenticated. While all implementations of SNMP entities MAY be capable of generating this trap, the snmpEnableAuthenTraps object indicates whether this trap will be generated.	Juniper SNMP authentication failure

Table 10-13 Juniper E-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfMaxAgeLsa	1.3.6.1.2.1.14.16.2.13	NA	NA	An ospfMaxAgeLsa trap signifies that one of the LSA in the router's link-state database has aged to MaxAge.	Juniper OSPF LSA aged to MaxAge
ospfTxRetransmit	1.3.6.1.2.1.14.16.2.10	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a non-virtual interface.	Juniper OSPF packet retransmitted
ospfOriginateLsa	1.3.6.1.2.1.14.16.2.12	NA	NA	An ospfOriginateLsa trap signifies that a new LSA has been originated by this router. This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.	Juniper OSPF new LSA originated
entConfigChange	1.3.6.1.2.1.47.2.0.1	NA	NA	An entConfigChange notification is generated when the value of entLastChangeTime changes. It can be utilized by an NMS to trigger logical/physical entity table maintenance polls.	Juniper Entity table configuration changed
ospfLsdbApproachingOverflow	1.3.6.1.2.1.14.16.2.15	NA	NA	ospf lsdb approaching overflow trap	Juniper OSPF lsdb approaching overflow trap
ospfLsdbOverflow	1.3.6.1.2.1.14.16.2.14	NA	NA	ospf lsdb overflow trap	Juniper OSPF lsdb overflow trap
warmStart	1.3.6.1.6.3.1.1.5.2	NA	NA	A warmStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself such that its configuration is unaltered	Juniper Warm start trap

Table 10-13 *Juniper E-Series V2 Traps (Continued)*

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
linkDown	1.3.6.1.6.3.1.1.5.3	NA	NA	A linkDown trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper SNMP Link down
linkUp	1.3.6.1.6.3.1.1.5.4	NA	NA	A linkUp trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into some other state (but not into the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper SNMP Link up

Juniper M-Series V1 Traps

Table 10-14 lists the Juniper M-Series V1 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see Table 10-41.

Table 10-14 Juniper M-Series V1 Traps

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
frDLCIStatus Change	6	1	1.3.6.1.2.1.10.32.0	1.3.6.1.2.1.10.32.2.1.3	3	This trap indicates that the indicated Virtual Circuit has changed state. It has either been created or invalidated, or has toggled between the active and inactive states. If, however, the reason for the state change is due to the DLCMI going down, per-DLCI traps should not be generated.	Juniper FR DLCI status change trap
frDLCIStatus Change	6	1	1.3.6.1.2.1.10.32.0	1.3.6.1.2.1.10.32.2.1.3	2	This trap indicates that the indicated Virtual Circuit has changed state. It has either been created or invalidated, or has toggled between the active and inactive states. If, however, the reason for the state change is due to the DLCMI going down, per-DLCI traps should not be generated.	Juniper FR DLCI status up trap
ospfVirtIfState Change	6	1	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual interface. This trap should be generated when the inter-face state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	Juniper OSPF virtual interface state changed to Down
ospfNbrStateChange	6	2	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.10.1.6	!= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state down

Table 10-14 Juniper M-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfNbrStateChange	6	2		1.3.6.1.2.1.14.10.1.6	= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state up
ospfVirtNbrStateChange	6	3	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.11.1.5	!= 8	An ospfVirtNbrStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state down
ospfVirtNbrStateChange	6	3	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.11.1.5	= 8	An ospfVirtNbrStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state up
ospfIfConfigError	6	4	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfConfigError trap signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF interface configuration error
ospfVirtIfConfigError	6	5	1.3.6.1.2.1.14.16.2	NA	NA	An ospfVirtIfConfigError trap signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF virtual interface configuration error
ospfIfAuthFailure	6	6	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfAuthFailure trap signifies that a packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF interface authentication failure

Table 10-14 Juniper M-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtIfAuthFailure	6	7	1.3.6.1.2.1.14.16.2	NA	NA	An ospfVirtIfAuthFailure trap signifies that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF virtual interface authentication failure
ospfIfRxBadPacket	6	8	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfRxBadPacket trap signifies that an OSPF packet has been received on a non-virtual interface that cannot be parsed.	Juniper OSPF bad packet received
ospfVirtIfRxBadPacket	6	9	1.3.6.1.2.1.14.16.2	NA	NA	An ospfRxBadPacket trap signifies that an OSPF packet has been received on a virtual interface that cannot be parsed.	Juniper OSPF bad packet received on virtual interface
ospfTxRetransmit	6	10	1.3.6.1.2.1.14.16.2	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a non-virtual interface.	Juniper OSPF packet retransmitted
ospfVirtIfTxRetransmit	6	11	1.3.6.1.2.1.14.16.2	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a virtual interface.	Juniper OSPF packet retransmitted on virtual interface
ospfOriginateLsa	6	12	1.3.6.1.2.1.14.16.2	NA	NA	An ospfOriginateLsa trap signifies that a new LSA has been originated by this router. This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.	Juniper OSPF new LSA originated
ospfMaxAgeLsa	6	13	1.3.6.1.2.1.14.16.2	NA	NA	An ospfMaxAgeLsa trap signifies that one of the LSA in the router's link-state database has aged to MaxAge.	Juniper OSPF LSA aged to MaxAge

Table 10-14 Juniper M-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfIfStateChange	6	16	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.7.1.12	= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Down
ospfIfStateChange	6	16	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.7.1.12	!= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Up
bgpEstablished	6	1,2-6	1.3.6.1.2.1.15.7	1.3.6.1.2.1.15.3.1.2	6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	Juniper BGP established trap
bgpBackwardTransition	6	1,2-6	1.3.6.1.2.1.15.7	1.3.6.1.2.1.15.3.1.2	1	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	Juniper BGP down trap
newRoot	6	1	1.3.6.1.2.1.17.0			The newRoot trap indicates that the sending agent has become the new root of the Spanning Tree; the trap is sent by a bridge soon after its election as the new root, e.g., upon expiration of the Topology Change Timer, immediately subsequent to its election. Implementation of this trap is optional.	Juniper new root trap
topologyChange	6	2	1.3.6.1.2.1.17.0			A topologyChange trap is sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state. The trap is not sent if a newRoot trap is sent for the same transition. Implementation of this trap is optional.	Juniper Spanning Tree Topology Changed

Table 10-14 Juniper M-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
entConfigChange	6	1	1.3.6.1.2.1.47.2.0			An entConfigChange notification is generated when the value of entLastChangeTime changes. It can be utilized by an NMS to trigger logical/physical entity table maintenance polls. An agent should not generate more than one entConfigChange 'notification-event' in a given time interval (five seconds is the suggested default). A 'notification-event' is the transmission of a single trap or inform PDU to a list of notification destinations. If additional configuration changes occur within the throttling period, then notification-events for these changes should be suppressed by the agent until the current throttling period expires. At the end of a throttling period, one notification-event should be generated if any configuration changes occurred since the start of the throttling period. In such a case, another throttling period is started right away. An NMS should periodically check the value of entLastChangeTime to detect any missed entConfigChange notification-events, e.g., due to throttling or transmission loss.	Juniper Entity table configuration changed
mplsLspUp	6	1	1.3.6.1.4.1.2636.3.2.4			mplsLspUp trap signifies that the specified LSP is up. The current active path for the LSP is mplsPathName.	juniper mpls Lsp Up trap
mplsLspDown	6	2	1.3.6.1.4.1.2636.3.2.4			mplsLspDown trap signifies that the specified LSP is down, because the current active path mplsPathName went down.	juniper mpls Lsp Down trap
mplsLspChange	6	3	1.3.6.1.4.1.2636.3.2.4			mplsLspChange trap signifies that the specified LSP has switched traffic to the new active path 'toLspPath'. The LSP maintains up state before and after the switch over	juniper mpls Lsp Change trap

Table 10-14 Juniper M-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
mplsLspPathDown	6	4	1.3.6.1.4.1.2636.3.2.4			mplsLspPathDown trap signifies that the specified path mplsPathName for the specified LSP mplsLspName went down	juniper mpls lsp path down trap
mplsLspPathUp	6	5	1.3.6.1.4.1.2636.3.2.4			mplsLspPathUp trap signifies that the specified path mplsPathName for the specified LSP mplsLspName came up	juniper mpls lsp path up trap
apsEventSwitchover	6	1	1.3.6.1.4.1.2636.3.2.4.2.0			apsEventSwitchover notification is sent when the value of an instance of apsChanStatusSwitchovers increments.	juniper aps event switch over trap
apsEventModeMismatch	6	2	1.3.6.1.4.1.2636.3.2.4.2.0			apsEventModeMismatch notification is sent when the value of an instance of apsStatusModeMismatches increments.	juniper aps event mode mismatch trap
apsEventChannelMismatch	6	3	1.3.6.1.4.1.2636.3.2.4.2.0			apsEventChannelMismatch notification is sent when the value of an instance of apsStatusChannelMismatches increments.	juniper aps event channel mismatch trap
apsEventPSBF	6	4	1.3.6.1.4.1.2636.3.2.4.2.0			apsEventPSBF notification is sent when the value of an instance of apsStatusPSBFs increments.	juniper aps event psbf trap
apsEventFEPLF	6	5	1.3.6.1.4.1.2636.3.2.4.2.0			apsEventFEPLFs notification is sent when the value of an instance of apsStatusFEPLFs increments.	juniper aps event feplf trap
jnxVpnIfUp	6	1	1.3.6.1.4.1.2636.3.2.6.0			jnxVpnIfUp notification is generated when the interface with index jnxVpnIfIndex belonging to the VPN named jnxVpnIfVpnName of type jnxVpnIfVpnType transitions out of the 'down' state.	Juniper VPN Interface Up
jnxVpnIfDown	6	2	1.3.6.1.4.1.2636.3.2.6.0			jnxVpnIfDown notification is generated when the interface with index jnxVpnIfIndex belonging to the VPN named jnxVpnIfVpnName of type jnxVpnIfVpnType transitions to the 'down' state.	Juniper VPN Interface Down

Table 10-14 Juniper M-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxVpnPwUp	6	3	1.3.6.1.4.1.2636.3.2.6.0			jnxVpnPwUp notification is generated when the Pseudo-Wire with index jnxVpnPwIndex belonging to the VPN named jnxVpnPwVpnName of type jnxVpnPwVpnType transitions out of the 'down' state.	juniper vpn power up trap
jnxVpnPwDown	6	4	1.3.6.1.4.1.2636.3.2.6.0			jnxVpnPwDown notification is generated when the Pseudo-Wire with index jnxVpnPwIndex belonging to the VPN named VpnPwVpnName of type jnxVpnPwVpnType transitions to the 'down' state.	juniper vpn power down trap
jnxPowerSupplyFailure	6	1	1.3.6.1.4.1.2636.4.1			jnxFruPowerOff trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered off in the chassis.	juniper power supply failure Trap
jnxFanFailure	6	2	1.3.6.1.4.1.2636.4.1			jnxFanFailure trap signifies that the SNMP entity, acting in an agent role, has detected that the specified cooling fan or impeller in the chassis has been in the failure (not spinning) condition.	juniper fan failure Trap
jnxOverTemperature	6	3	1.3.6.1.4.1.2636.4.1			jnxOverTemperature trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has experienced over temperature condition.	juniper over temperature Trap
jnxRedundancySwitchover	6	4	1.3.6.1.4.1.2636.4.1			jnxRedundancySwitchover trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has experienced a redundancy switchover event defined as a change in state of jnxRedundancyState from master to backup or vice versa.	juniper redundancy switch over Trap
jnxFruRemoval	6	5	1.3.6.1.4.1.2636.4.1			jnxFruRemoval trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been removed from the chassis.	Card Out trap

Table 10-14 Juniper M-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxFruRemoval	6	5	1.3.6.1.4.1.2636.4.1			A jnxFruRemoval trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been removed from the chassis.	juniper fru removal Trap
jnxFruInsertion	6	6	1.3.6.1.4.1.2636.4.1			jnxFruInsertion trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been inserted into the chassis.	Card In trap
jnxFruInsertion	6	6	1.3.6.1.4.1.2636.4.1			A jnxFruInsertion trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been inserted into the chassis.	juniper fru insertion Trap
jnxFruPowerOff	6	7	1.3.6.1.4.1.2636.4.1			jnxFruPowerOff trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered off in the chassis.	Card Down Trap
jnxFruPowerOn	6	8	1.3.6.1.4.1.2636.4.1			jnxFruPowerOn trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered on in the chassis.	Card Up Trap
jnxFruFailed	6	9	1.3.6.1.4.1.2636.4.1			This indicates the specified FRU (Field Replaceable Unit) has failed in the chassis. Most probably this is due to some hard error such as fru is not powering up or not able to load kernel. In these cases, fru is replaced.	juniper fru failed Trap
jnxFruOffline	6	10	1.3.6.1.4.1.2636.4.1			jnxFruOffline trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit)	juniper fru offline Trap
jnxFruOnline	6	11	1.3.6.1.4.1.2636.4.1			jnxFruOnline trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has gone online in the chassis.	juniper fru online Trap

Table 10-14 Juniper M-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxFruCheck	6	12	1.3.6.1.4.1.2636.4.1			jnxFruCheck trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has encountered some operational errors and gone into check state in the chassis.	juniper fru check Trap
jnxSpSvcSetZoneEntered	6	1	1.3.6.1.4.1.2636.4.1.0.0			This indicates a Service PIC has entered a more severe memory-usage zone from a less severe memory usage zone. The zone entered is identified by jnxSpSvcSetIfMemoryZone.	juniper Sp svc set zone entered trap
jnxSpSvcSetZoneExited	6	2	1.3.6.1.4.1.2636.4.1.0.0			This indicates a Service Pic has exited a more severe memory-usage zone to a less severe memory usage zone. The zone exited is identified by jnxSpSvcSetIfMemoryZone.	juniper Sp svc set zone exited trap
jnxSpSvcSetCpuExceeded	6	3	1.3.6.1.4.1.2636.4.1.0.0			This indicates a Service Pic has exceeded its internal threshold for CPU utilization (85%).	juniper Sp svc set cpu exceeded trap
jnxSpSvcSetCpuOk	6	4	1.3.6.1.4.1.2636.4.1.0.0			This indicates a Service Pic has exceeded its internal threshold for CPU utilization (85%).	juniper Sp svc set cpu ok trap
jnxDfcSoftPpsThresholdExceeded	6	1	1.3.6.1.4.1.2636.4.1.1.0			Notification of input packet rate (in packet per second) going beyond the configured limit.	juniper dfc soft pps threshold exceeded trap
jnxDfcSoftPpsUnderThreshold	6	2	1.3.6.1.4.1.2636.4.1.1.0			Notification of input packet rate (in packet per second) dropping back to below the configured limit.	juniper dfc soft pps under threshold trap
jnxDfcHardPpsThresholdExceeded	6	3	1.3.6.1.4.1.2636.4.1.1.0			Notification of input packet rate (in packet per second) going beyond the recommended limit.	juniper dfc hard pps threshold exceeded trap
jnxDfcHardPpsUnderThreshold	6	4	1.3.6.1.4.1.2636.4.1.1.0			Notification of input packet rate (in packet per second) dropping back to below the recommended limit.	juniper dfc hard pps under threshold trap
jnxDfcSoftMemThresholdExceeded	6	5	1.3.6.1.4.1.2636.4.1.1.0			Notification of memory overload condition i.e memory usage is going beyond the configured limit.	juniper dfc soft mem threshold exceeded trap

Table 10-14 Juniper M-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxDfcSoftMemUnderThreshold	6	6	1.3.6.1.4.1.2636.4.1.1.0			Notification of memory usage dropping back to below the configured limit.	juniper dfc soft mem under threshold trap
jnxDfcHardMemThresholdExceeded	6	7	1.3.6.1.4.1.2636.4.1.1.0			Notification of memory overload condition i.e memory usage is going beyond the recommended limit.	juniper dfc hard mem threshold exceeded trap
jnxDfcHardMemUnderThreshold	6	8	1.3.6.1.4.1.2636.4.1.1.0			Notification of memory usage dropping back to below the recommended limit.	juniper dfc hard mem under threshold trap
jnxPowerSupplyOK	6	1	1.3.6.1.4.1.2636.4.2			jnxPowerSupplyOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified power supply in the chassis has recovered from the failure (bad DC output) condition.	juniper power supply ok trap
jnxFanOK	6	2	1.3.6.1.4.1.2636.4.2			jnxFanOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified cooling fan or impeller in the chassis has recovered from the failure (not spinning) condition.	juniper fan ok trap
jnxTemperatureOK	6	3	1.3.6.1.4.1.2636.4.2			jnxTemperatureOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has recovered from over temperature condition.	juniper temperature ok trap
jnxRmonAlarmGetFailure	6	1	1.3.6.1.4.1.2636.4.3.0			The SNMP trap that is generated when the get request for an alarm variable returns an error. The specific error is identified by jnxRmonAlarmGetFailReason.	juniper Rmon alarm get failure trap
jnxRmonGetOk	6	2	1.3.6.1.4.1.2636.4.3.0			The SNMP trap that is generated when the get request for an alarm variable is successful. This is only sent after previous attempts were unsuccessful.	juniper Rmon get ok trap
jnxLdpLspUp	6	1	1.3.6.1.4.1.2636.4.4.0			The SNMP trap that is generated when an LSP comes up.	juniper Ldp Lsp Up trap

Table 10-14 Juniper M-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxLdpLspDown	6	2	1.3.6.1.4.1.2636.4.4.0			The SNMP trap that is generated when the LSP goes down.	juniper Ldp Lsp Down trap
jnxLdpSesUp	6	3	1.3.6.1.4.1.2636.4.4.0			The SNMP trap that is generated when the value of 'mplsLdpSesState' enters the 'operational(5) state.	juniper ldp session up trap
jnxLdpSesDown	6	4	1.3.6.1.4.1.2636.4.4.0			The SNMP trap that is generated when the value of 'mplsLdpSesState' leaves the 'operational(5) state. The value of jnxLdpSesDownIf is one of the neighbor's interface. It is the interface associated with the last neighbor when jnxLdpSesDownReason is allAdjacenciesDown (3).	juniper ldp session down trap
jnxCmCfgChange	6	1	1.3.6.1.4.1.2636.4.5.0			Notification of a configuration management event as recorded in jnxCmCfgChgEventTable.	juniper Cm cfg change trap
jnxCmRescueChange	6	2	1.3.6.1.4.1.2636.4.5.0			Notification of the latest rescue configuration change.	juniper Cm rescue change trap
jnxSonetAlarmSet	6	1	1.3.6.1.4.1.2636.4.6.0			Notification of a recently set sonet/sdh alarm.	juniper sonet alarm set trap
jnxSonetAlarmCleared	6	2	1.3.6.1.4.1.2636.4.6.0			Notification of a recently cleared sonet/sdh alarm.	juniper sonet alarm cleared trap
jnxPMonOverloadSet	6	1	1.3.6.1.4.1.2636.4.7.0			Notification of a new overload condition on a Passive Monitoring interface.	juniper PMon overload set trap
jnxPMonOverloadCleared	6	2	1.3.6.1.4.1.2636.4.7.0			Notification of a cleared overload condition on a Passive Monitoring interface.	juniper PMon overload cleared trap
jnxCollUnavailableDest	6	1	1.3.6.1.4.1.2636.4.8.0			Notification of an unavailable destination failure encountered while transferring a collector file.	juniper coll unavailable dest trap
jnxCollUnavailableDestCleared	6	2	1.3.6.1.4.1.2636.4.8.0			This indicates a previous unavailable destination failure has been resolved.	juniper coll unavailable dest cleared trap

Table 10-14 Juniper M-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxCollUnsuccessfulTransfer	6	3	1.3.6.1.4.1.2636.4.8.0			This indicates an error was encountered while attempting a file transfer.	juniper coll unsuccessful transfer trap
jnxCollFlowOverload	6	4	1.3.6.1.4.1.2636.4.8.0			This indicates a soft or hard flow overload condition has been triggered.	juniper coll flow overload trap
jnxCollFlowOverloadCleared	6	5	1.3.6.1.4.1.2636.4.8.0			This indicates a soft or hard flow overload condition has been cleared.	juniper coll flow overload cleared trap
jnxCollMemoryUnavailable	6	6	1.3.6.1.4.1.2636.4.8.0			This indicates a memory unavailable condition has been triggered.	juniper coll memory unavailable trap
jnxCollMemoryAvailable	6	7	1.3.6.1.4.1.2636.4.8.0			This indicates a memory unavailable condition has been cleared.	juniper coll memory available trap
jnxCollFtpSwitchover	6	8	1.3.6.1.4.1.2636.4.8.0			This indicates an FTP server switchover has occurred.	juniper coll ftp switch over trap
jnxPingRttThresholdExceeded	6	1	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the round trip time (jnxPingCtlRttThreshold) exceeds the configured threshold (jnxPingCtlRttThreshold) and the rttThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt threshold exceeded trap
jnxPingRttStdDevThresholdExceeded	6	2	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the standard deviation of the round trip time (jnxPingResultsStdDevRttUs) exceeds the configured threshold (jnxPingCtlRttStdDevThreshold) and the rttStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt std dev threshold exceeded trap
jnxPingRttJitterThresholdExceeded	6	3	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the round trip time jitter (jnxPingResultsMaxRttUs minus jnxPingResultsMinRttUs) exceeds the configured threshold (jnxPingCtlRttJitterThreshold) and the rttJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt jitter threshold exceeded trap

Table 10-14 Juniper M-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxPingEgressThresholdExceeded	6	4	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the egress time (jnxPingResultsEgressUs) exceeds the configured threshold (jnxPingCtlEgressTimeThreshold) and the egressThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress threshold exceeded trap
jnxPingEgressStdDevThresholdExceeded	6	5	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the standard deviation of the egress time (jnxPingResultsStddevEgressUs) exceeds the configured threshold (jnxPingCtlEgressStdDevThreshold) and the egressStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress std dev threshold exceeded trap
jnxPingEgressJitterThresholdExceeded	6	6	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the egress time jitter (jnxPingResultsMaxEgressUs minus jnxPingResultsMinEgressUs) exceeds the configured threshold (jnxPingCtlEgressJitterThreshold) and the egressJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress jitter threshold exceeded trap
jnxPingIngressThresholdExceeded	6	7	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the ingress time (jnxPingResultsIngressUs) exceeds the configured threshold (jnxPingCtlIngressTimeThreshold) and the ingressThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress threshold exceeded trap
jnxPingIngressStddevThresholdExceeded	6	8	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the standard deviation of the ingress time (jnxPingResultsStddevIngressUs) exceeds the configured threshold (jnxPingCtlIngressStddevThreshold) and the ingressStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress std dev threshold exceeded trap
jnxPingIngressJitterThresholdExceeded	6	9	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the ingress time jitter (jnxPingResultsMaxIngressUs minus jnxPingResultsMinIngressUs) exceeds the configured threshold (jnxPingCtlIngressJitterThreshold) and the ingressJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress jitter threshold exceeded trap

Table 10-14 Juniper M-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxBgpM2Established	6	1	1.3.6.1.4.1.2636.5.1.1.1.0			The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	juniper bgp M2 established trap
jnxBgpM2BackwardTransition	6	2	1.3.6.1.4.1.2636.5.1.1.1.0			The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	juniper bgp M2 backward transition trap
coldStart	1		1.3.6.1.6.3.1.1.5			A coldStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration may have been altered.	Juniper Cold start trap
warmStart	2		1.3.6.1.6.3.1.1.5			A warmStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself such that its configuration is unaltered.	Juniper Warm start trap
linkDown	3		1.3.6.1.6.3.1.1.5			A linkDown trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper Line down trap

Table 10-14 Juniper M-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
linkUp	4		1.3.6.1.6.3.1.1.5			A linkUp trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into some other state (but not into the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper Line up trap
authentication Failure	5		1.3.6.1.6.3.1.1.5			An authenticationFailure trap signifies that the SNMP entity has received a protocol message that is not properly authenticated. While all implementations of SNMP entities MAY be capable of generating this trap, the snmpEnableAuthenTraps object indicates whether this trap will be generated.	Juniper SNMP authentication failure

Juniper M-Series V2 Traps

Table 10-15 lists the Juniper M-Series V2 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see Table 10-42.

Table 10-15 Juniper M-Series V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
frDLCIStatusChange	1.3.6.1.2.1.10.32.0.1	3	1.3.6.1.2.1.10.32.2.1.3	This trap indicates that the indicated Virtual Circuit has changed state. It has either been created or invalidated, or has toggled between the active and inactive states. If, however, the reason for the state change is due to the DLCMI going down, per-DLCI traps should not be generated.	Juniper FR DLCI status change trap
frDLCIStatusChange	1.3.6.1.2.1.10.32.0.1	2	1.3.6.1.2.1.10.32.2.1.3	This trap indicates that the indicated Virtual Circuit has changed state. It has either been created or invalidated, or has toggled between the active and inactive states. If, however, the reason for the state change is due to the DLCMI going down, per-DLCI traps should not be generated.	Juniper FR DLCI status up trap
ospfIfStateChange	1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Down
ospfIfStateChange	1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	!= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Up
ospfVirtIfStateChange	1.3.6.1.2.1.14.16.2.1	NA	NA	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual interface. This trap should be generated when the inter-face state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	Juniper OSPF virtual neighbor state down

Table 10-15 Juniper M-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfNbrStateChange	.1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.10.1.6	!= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state down
ospfNbrStateChange	.1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.10.1.6	= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state up
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.11.1.5	!= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state down
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.11.1.5	= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state up
ospfIfConfigError	.1.3.6.1.2.1.14.16.2.4	NA	NA	An ospfIfConfigError trap signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF interface configuration error
ospfVirtIfConfigError	.1.3.6.1.2.1.14.16.2.5	NA	NA	An ospfConfigError trap signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF virtual interface configuration error
ospfIfAuthFailure	.1.3.6.1.2.1.14.16.2.6	NA	NA	An ospfIfAuthFailure trap signifies that a packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF interface authentication failure

Table 10-15 Juniper M-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtIfAuth Failure	.1.3.6.1.2.1.14.16.2.7	NA	NA	An ospfVirtIfAuthFailure trap signifies that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF virtual interface authentication failure
ospfIfRxBadP acket	.1.3.6.1.2.1.14.16.2.8	NA	NA	An ospfIfRxBadPacket trap signifies that an OSPF packet has been received on a non-virtual interface that cannot be parsed.	Juniper OSPF bad packet received
ospfVirtIfRxB adPacket	.1.3.6.1.2.1.14.16.2.9	NA	NA	An ospfRxBadPacket trap signifies that an OSPF packet has been received on a virtual interface that cannot be parsed.	Juniper OSPF bad packet received on virtual interface
ospfTxRetrans mit	.1.3.6.1.2.1.14.16.2.10	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a non-virtual interface.	Juniper OSPF packet retransmitted
ospfVirtIfTxR etransmit	.1.3.6.1.2.1.14.16.2.11	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a virtual interface.	Juniper OSPF packet retransmitted on virtual interface
ospfOriginate Lsa	.1.3.6.1.2.1.14.16.2.12	NA	NA	An ospfOriginateLsa trap signifies that a new LSA has been originated by this router. This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.	Juniper OSPF new LSA originated
ospfMaxAgeL sa	.1.3.6.1.2.1.14.16.2.13	NA	NA	An ospfMaxAgeLsa trap signifies that one of the LSA in the router's link-state database has aged to MaxAge.	Juniper OSPF LSA aged to MaxAge
bgpBackward Transition	.1.3.6.1.2.1.15.7.2	NA	NA	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	Juniper BGP established trap
bgpEstablishe d	.1.3.6.1.2.1.15.7.1	1.3.6.1.2.1.15.3.1.2	= 6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	Juniper BGP down trap

Table 10-15 Juniper M-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
newRoot	1.3.6.1.2.1.17.0.1			The newRoot trap indicates that the sending agent has become the new root of the Spanning Tree; the trap is sent by a bridge soon after its election as the new root, e.g., upon expiration of the Topology Change Timer, immediately subsequent to its election. Implementation of this trap is optional.	Juniper new root trap
topologyChange	1.3.6.1.2.1.17.0.2			A topologyChange trap is sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state. The trap is not sent if a newRoot trap is sent for the same transition. Implementation of this trap is optional.	Juniper Spanning Tree Topology Changed
entConfigChange				An entConfigChange notification is generated when the value of entLastChangeTime changes. It can be utilized by an NMS to trigger logical/physical entity table maintenance polls. An agent should not generate more than one entConfigChange 'notification-event' in a given time interval (five seconds is the suggested default). A 'notification-event' is the transmission of a single trap or inform PDU to a list of notification destinations. If additional configuration changes occur within the throttling period, then notification-events for these changes should be suppressed by the agent until the current throttling period expires. At the end of a throttling period, one notification-event should be generated if any configuration changes occurred since the start of the throttling period. In such a case, another throttling period is started right away. An NMS should periodically check the value of entLastChangeTime to detect any missed entConfigChange notification-events, e.g., due to throttling or transmission loss.	Juniper Entity table configuration changed

Table 10-15 Juniper M-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
mplsLspUp	1.3.6.1.4.1.2636.3.2.4.1			mplsLspUp trap signifies that the specified LSP is up. The current active path for the LSP is mplsPathName.	juniper mpls Lsp Up trap
mplsLspDown	1.3.6.1.4.1.2636.3.2.4.2			mplsLspDown trap signifies that the specified LSP is down, because the current active path mplsPathName went down.	juniper mpls Lsp Down trap
mplsLspChange	1.3.6.1.4.1.2636.3.2.4.3			mplsLspChange trap signifies that the specified LSP has switched traffic to the new active path 'toLspPath'. The LSP maintains up state before and after the switch over	juniper mpls Lsp Change trap
mplsLspPathDown	1.3.6.1.4.1.2636.3.2.4.4			mplsLspPathDown trap signifies that the specified path mplsPathName for the specified LSP mplsLspName went down	juniper mpls lsp path down trap
mplsLspPathUp	1.3.6.1.4.1.2636.3.2.4.5			mplsLspPathUp trap signifies that the specified path mplsPathName for the specified LSP mplsLspName came up	juniper mpls lsp path up trap
apsEventSwitchover	1.3.6.1.4.1.2636.3.24.2.0.1			An apsEventSwitchover notification is sent when the value of an instance of apsChanStatusSwitchovers increments.	juniper aps event switch over trap
apsEventModeMismatch	1.3.6.1.4.1.2636.3.24.2.0.2			An apsEventModeMismatch notification is sent when the value of an instance of apsStatusModeMismatches increments.	juniper aps event mode mismatch trap
apsEventChannelMismatch	1.3.6.1.4.1.2636.3.24.2.0.3			An apsEventChannelMismatch notification is sent when the value of an instance of apsStatusChannelMismatches increments.	juniper aps event channel mismatch trap
apsEventPSBF	1.3.6.1.4.1.2636.3.24.2.0.4			apsEventPSBF notification is sent when the value of an instance of apsStatusPSBFs increments.	juniper aps event psbf trap
apsEventFEPLF	1.3.6.1.4.1.2636.3.24.2.0.5			apsEventFEPLFs notification is sent when the value of an instance of apsStatusFEPLFs increments.	juniper aps event feplf trap
jnxVpnIfUp	1.3.6.1.4.1.2636.3.26.0.1			jnxVpnIfUp notification is generated when the interface with index jnxVpnIfIndex belonging to the VPN named jnxVpnIfVpnName of type jnxVpnIfVpnType transitions out of the 'down' state.	Juniper VPN Interface Up

Table 10-15 Juniper M-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxVpnIfDown	1.3.6.1.4.1.2636.3.26.0.2			jnxVpnIfDown notification is generated when the interface with index jnxVpnIfIndex belonging to the VPN named jnxVpnIfVpnName of type jnxVpnIfVpnType transitions to the 'down' state.	Juniper VPN Interface Down
jnxVpnPwUp	1.3.6.1.4.1.2636.3.26.0.3			jnxVpnPwUp notification is generated when the Pseudo-Wire with index jnxVpnPwIndex belonging to the VPN named jnxVpnPwVpnName of type jnxVpnPwVpnType transitions out of the 'down' state.	juniper vpn power up trap
jnxVpnPwDown	1.3.6.1.4.1.2636.3.26.0.4			jnxVpnPwDown notification is generated when the Pseudo-Wire with index jnxVpnPwIndex belonging to the VPN named VpnPwVpnName of type jnxVpnPwVpnType transitions to the 'down' state.	juniper vpn power down trap
jnxPowerSupplyFailure	1.3.6.1.4.1.2636.4.1.1			jnxFruPowerOff trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered off in the chassis.	juniper power supply failure Trap
jnxFruOffline	1.3.6.1.4.1.2636.4.1.10			jnxFruOffline trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit)	juniper fru offline Trap
jnxFruOnline	1.3.6.1.4.1.2636.4.1.11			jnxFruOnline trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has gone online in the chassis.	juniper fru online Trap
jnxFruCheck	1.3.6.1.4.1.2636.4.1.12			jnxFruCheck trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has encountered some operational errors and gone into check state in the chassis.	juniper fru check Trap
jnxFanFailure	1.3.6.1.4.1.2636.4.1.2			jnxFanFailure trap signifies that the SNMP entity, acting in an agent role, has detected that the specified cooling fan or impeller in the chassis has been in the failure (not spinning) condition.	juniper fan failure Trap

Table 10-15 Juniper M-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxOverTemperature	1.3.6.1.4.1.2636.4.1.3			jnxOverTemperature trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has experienced over temperature condition.	juniper over temperature Trap
jnxRedundancySwitchover	1.3.6.1.4.1.2636.4.1.4			jnxRedundancySwitchover trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has experienced a redundancy switchover event defined as a change in state of jnxRedundancyState from master to backup or vice versa.	juniper redundancy switch over Trap
jnxFruRemoval	1.3.6.1.4.1.2636.4.1.5			jnxFruRemoval trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been removed from the chassis.	juniper fru removal Trap
jnxFruInsertion	1.3.6.1.4.1.2636.4.1.6			jnxFruInsertion trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been inserted into the chassis.	juniper fru insertion Trap
jnxFruPowerOff	1.3.6.1.4.1.2636.4.1.7			jnxFruPowerOff trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered off in the chassis.	Card Down Trap
jnxFruPowerOn	1.3.6.1.4.1.2636.4.1.8			jnxFruPowerOn trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered on in the chassis.	Card Up Trap
jnxFruFailed	1.3.6.1.4.1.2636.4.1.9			This indicates the specified FRU (Field Replaceable Unit) has failed in the chassis. Most probably this is due to some hard error such as fru is not powering up or not able to load ukernel. In these cases, fru is replaced.	juniper fru failed Trap
jnxSpSvcSetZoneEntered	1.3.6.1.4.1.2636.4.10.0.1			This indicates a Service PIC has entered a more severe memory-usage zone from a less severe memory usage zone. The zone entered is identified by jnxSpSvcSetIfMemoryZone.	juniper Sp svc set zone entered trap

Table 10-15 Juniper M-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxSpSvcSetZoneExited	1.3.6.1.4.1.2636.4.10.0.2			This indicates a Service Pic has exited a more severe memory-usage zone to a less severe memory usage zone. The zone exited is identified by jnxSpSvcSetIfMemoryZone.	juniper Sp svc set zone exited trap
jnxSpSvcSetCpuExceeded	1.3.6.1.4.1.2636.4.10.0.3			This indicates a Service Pic has exceeded its internal threshold for CPU utilization (85%).	juniper Sp svc set cpu exceeded trap
jnxSpSvcSetCpuOk	1.3.6.1.4.1.2636.4.10.0.4			This indicates a Service Pic has exceeded its internal threshold for CPU utilization (85%).	juniper Sp svc set cpu ok trap
jnxDfcSoftPpsThresholdExceeded	1.3.6.1.4.1.2636.4.11.0.1			Notification of input packet rate (in packet per second) going beyond the configured limit.	juniper dfc soft pps threshold exceeded trap
jnxDfcSoftPpsUnderThreshold	1.3.6.1.4.1.2636.4.11.0.2			Notification of input packet rate (in packet per second) dropping back to below the configured limit.	juniper dfc soft pps under threshold trap
jnxDfcHardPpsThresholdExceeded	1.3.6.1.4.1.2636.4.11.0.3			Notification of input packet rate (in packet per second) going beyond the recommended limit.	juniper dfc hard pps threshold exceeded trap
jnxDfcHardPpsUnderThreshold	1.3.6.1.4.1.2636.4.11.0.4			Notification of input packet rate (in packet per second) dropping back to below the recommended limit.	juniper dfc hard pps under threshold trap
jnxDfcSoftMemThresholdExceeded	1.3.6.1.4.1.2636.4.11.0.5			Notification of memory overload condition i.e memory usage is going beyond the configured limit.	juniper dfc soft mem threshold exceeded trap
jnxDfcSoftMemUnderThreshold	1.3.6.1.4.1.2636.4.11.0.6			Notification of memory usage dropping back to below the configured limit.	juniper dfc soft mem under threshold trap
jnxDfcHardMemThresholdExceeded	1.3.6.1.4.1.2636.4.11.0.7			Notification of memory overload condition i.e memory usage is going beyond the recommended limit.	juniper dfc hard mem threshold exceeded trap
jnxDfcHardMemUnderThreshold	1.3.6.1.4.1.2636.4.11.0.8			Notification of memory usage dropping back to below the recommended limit.	juniper dfc hard mem under threshold trap

Table 10-15 Juniper M-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxPowerSupplyOK	1.3.6.1.4.1.2636.4.2.1			jnxPowerSupplyOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified power supply in the chassis has recovered from the failure (bad DC output) condition.	juniper power supply ok trap
jnxFanOK	1.3.6.1.4.1.2636.4.2.2			jnxFanOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified cooling fan or impeller in the chassis has recovered from the failure (not spinning) condition.	juniper fan ok trap
jnxTemperatureOK	1.3.6.1.4.1.2636.4.2.3			jnxTemperatureOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has recovered from over temperature condition.	juniper temperature ok trap
jnxRmonAlarmGetFailure	1.3.6.1.4.1.2636.4.3.0.1			The SNMP trap that is generated when the get request for an alarm variable returns an error. The specific error is identified by jnxRmonAlarmGetFailReason.	juniper Rmon alarm get failure trap
jnxRmonGetOk	1.3.6.1.4.1.2636.4.3.0.2			The SNMP trap that is generated when the get request for an alarm variable is successful. This is only sent after previous attempts were unsuccessful.	juniper Rmon get ok trap
jnxLdpLspUp	1.3.6.1.4.1.2636.4.4.0.1			The SNMP trap that is generated when an LSP comes up.	juniper Ldp Lsp Up trap
jnxLdpLspDown	1.3.6.1.4.1.2636.4.4.0.2			The SNMP trap that is generated when the LSP goes down.	juniper Ldp Lsp Down trap
jnxLdpSesUp	1.3.6.1.4.1.2636.4.4.0.3			The SNMP trap that is generated when the value of 'mplsLdpSesState' enters the 'operational(5) state.	juniper ldp session up trap
jnxLdpSesDown	1.3.6.1.4.1.2636.4.4.0.4			The SNMP trap that is generated when the value of 'mplsLdpSesState' leaves the 'operational(5) state. The value of jnxLdpSesDownIf is one of the neighbor's interface. It is the interface associated with the last neighbor when jnxLdpSesDownReason is allAdjacenciesDown (3).	juniper ldp session down trap
jnxCmCfgChange	1.3.6.1.4.1.2636.4.5.0.1			Notification of a configuration management event as recorded in jnxCmCfgChgEventTable.	juniper Cm cfg change trap

Table 10-15 Juniper M-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxCmRescueChange	1.3.6.1.4.1.2636.4.5.0.2			Notification of the latest rescue configuration change.	juniper Cm rescue change trap
jnxSonetAlarmSet	1.3.6.1.4.1.2636.4.6.0.1			Notification of a recently set SONET/SDH alarm.	juniper sonet alarm set trap
jnxSonetAlarmCleared	1.3.6.1.4.1.2636.4.6.0.2			Notification of a recently cleared SONET/SDH alarm.	juniper sonet alarm cleared trap
jnxPMonOverloadSet	1.3.6.1.4.1.2636.4.7.0.1			Notification of a new overload condition on a Passive Monitoring interface.	juniper PMon overload set trap
jnxPMonOverloadCleared	1.3.6.1.4.1.2636.4.7.0.2			Notification of a cleared overload condition on a Passive Monitoring interface.	juniper PMon overload cleared trap
jnxCollUnavailableDest	1.3.6.1.4.1.2636.4.8.0.1			Notification of an unavailable destination failure encountered while transferring a collector file.	juniper coll unavailable dest trap
jnxCollUnavailableDestCleared	1.3.6.1.4.1.2636.4.8.0.2			This indicates a previous unavailable destination failure has been resolved.	juniper coll unavailable dest cleared trap
jnxCollUnsuccessfulTransfer	1.3.6.1.4.1.2636.4.8.0.3			This indicates an error was encountered while attempting a file transfer.	juniper coll unsuccessful transfer trap
jnxCollFlowOverload	1.3.6.1.4.1.2636.4.8.0.4			This indicates a soft or hard flow overload condition has been triggered.	juniper coll flow overload trap
jnxCollFlowOverloadCleared	1.3.6.1.4.1.2636.4.8.0.5			This indicates a soft or hard flow overload condition has been cleared.	juniper coll flow overload cleared trap
jnxCollMemoryUnavailable	1.3.6.1.4.1.2636.4.8.0.6			This indicates a memory unavailable condition has been triggered.	juniper coll memory unavailable trap
jnxCollMemoryAvailable	1.3.6.1.4.1.2636.4.8.0.7			This indicates a memory unavailable condition has been cleared.	juniper coll memory available trap
jnxCollFtpSwitchover	1.3.6.1.4.1.2636.4.8.0.8			This indicates an FTP server switchover has occurred.	juniper coll ftp switch over trap

Table 10-15 Juniper M-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxPingRttThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.1			This notification is generated when the round trip time (jnxPingCtlRttThreshold) exceeds the configured threshold (jnxPingCtlRttThreshold) and the rttThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt threshold exceeded trap
jnxPingRttStdDevThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.2			This notification is generated when the standard deviation of the round trip time (jnxPingResultsStdDevRttUs) exceeds the configured threshold (jnxPingCtlRttStdDevThreshold) and the rttStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt std dev threshold exceeded trap
jnxPingRttJitterThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.3			This notification is generated when the round trip time jitter (jnxPingResultsMaxRttUs minus jnxPingResultsMinRttUs) exceeds the configured threshold (jnxPingCtlRttJitterThreshold) and the rttJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt jitter threshold exceeded trap
jnxPingEgressThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.4			This notification is generated when the egress time (jnxPingResultsEgressUs) exceeds the configured threshold (jnxPingCtlEgressTimeThreshold) and the egressThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress threshold exceeded trap
jnxPingEgressStdDevThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.5			This notification is generated when the standard deviation of the egress time (jnxPingResultsStddevEgressUs) exceeds the configured threshold (jnxPingCtlEgressStdDevThreshold) and the egressStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress std dev threshold exceeded trap
jnxPingEgressJitterThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.6			This notification is generated when the egress time jitter (jnxPingResultsMaxEgressUs minus jnxPingResultsMinEgressUs) exceeds the configured threshold (jnxPingCtlEgressJitterThreshold) and the egressJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress jitter threshold exceeded trap

Table 10-15 Juniper M-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxPingIngressThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.7			This notification is generated when the ingress time (jnxPingResultsIngressUs) exceeds the configured threshold (jnxPingCtlIngressTimeThreshold) and the ingressThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress threshold exceeded trap
jnxPingIngressStddevThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.8			This notification is generated when the standard deviation of the ingress time (jnxPingResultsStddevIngressUs) exceeds the configured threshold (jnxPingCtlIngressStddevThreshold) and the ingressStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress std dev threshold exceeded trap
jnxPingIngressJitterThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.9			This notification is generated when the ingress time jitter (jnxPingResultsMaxIngressUs minus jnxPingResultsMinIngressUs) exceeds the configured threshold (jnxPingCtlIngressJitterThreshold) and the ingressJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress jitter threshold exceeded trap
jnxBgpM2Established	1.3.6.1.4.1.2636.5.1.1.1.0.1			The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	juniper bgp M2 established trap
jnxBgpM2BackwardTransition	1.3.6.1.4.1.2636.5.1.1.1.0.2			The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	juniper bgp M2 backward transition trap
coldStart	1.3.6.1.6.3.1.1.5.1			A coldStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration may have been altered.	Juniper Cold start trap
warmStart	1.3.6.1.6.3.1.1.5.2			A warmStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself such that its configuration is unaltered.	Juniper Warm start trap

Table 10-15 Juniper M-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
linkDown	1.3.6.1.6.3.1.1.5.3			A linkDown trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper Line down trap
linkUp	1.3.6.1.6.3.1.1.5.4			A linkUp trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into some other state (but not into the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper Line up trap
authentication Failure	1.3.6.1.6.3.1.1.5.5			An authenticationFailure trap signifies that the SNMP entity has received a protocol message that is not properly authenticated. While all implementations of SNMP entities MAY be capable of generating this trap, the snmpEnableAuthenTraps object indicates whether this trap will be generated.	Juniper SNMP authentication failure

Juniper MX-Series V1 Traps

Table 10-16 lists the Juniper MX-Series V1 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see Table 10-43.

Table 10-16 Juniper MX-Series V1 Traps

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtIfStateChange	6	1	1.3.6.1.2.1.14.16.2	NA	NA	ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual interface. This trap should be generated when the inter-face state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	Juniper OSPF virtual interface state changed to Down
ospfNbrStateChange	6	2	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.10.1.6	!= 8	ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state down
ospfNbrStateChange	6	2	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.10.1.6	= 8	ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state up
ospfVirtNbrStateChange	6	3	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.11.1.5	!= 8	ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state down

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtNbrStateChange	6	3	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.11.1.5	= 8	ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state up
ospfIfConfigError	6	4	1.3.6.1.2.1.14.16.2	NA	NA	ospfIfConfigError trap signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF interface configuration error
ospfVirtIfConfigError	6	5	1.3.6.1.2.1.14.16.2	NA	NA	ospfConfigError trap signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF virtual interface configuration error
ospfIfAuthFailure	6	6	1.3.6.1.2.1.14.16.2	NA	NA	ospfIfAuthFailure trap signifies that a packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF interface authentication failure
ospfVirtIfAuthFailure	6	7	1.3.6.1.2.1.14.16.2	NA	NA	ospfVirtIfAuthFailure trap signifies that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF virtual interface authentication failure
ospfIfRxBadPacket	6	8	1.3.6.1.2.1.14.16.2	NA	NA	ospfIfRxBadPacket trap signifies that an OSPF packet has been received on a non-virtual interface that cannot be parsed.	Juniper OSPF bad packet received
ospfVirtIfRxBadPacket	6	9	1.3.6.1.2.1.14.16.2	NA	NA	ospfRxBadPacket trap signifies that an OSPF packet has been received on a virtual interface that cannot be parsed.	Juniper OSPF bad packet received on virtual interface

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfTxRetransmit	6	10	1.3.6.1.2.1.14.16.2	NA	NA	ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a non-virtual interface.	Juniper OSPF packet retransmitted
ospfVirtIfTxRetransmit	6	11	1.3.6.1.2.1.14.16.2	NA	NA	ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a virtual interface.	Juniper OSPF packet retransmitted on virtual interface
ospfOriginateLsa	6	12	1.3.6.1.2.1.14.16.2	NA	NA	ospfOriginateLsa trap signifies that a new LSA has been originated by this router. This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.	Juniper OSPF new LSA originated
ospfMaxAgeLsa	6	13	1.3.6.1.2.1.14.16.2	NA	NA	ospfMaxAgeLsa trap signifies that one of the LSA in the router's link-state database has aged to MaxAge.	Juniper OSPF LSA aged to MaxAge
ospfIfStateChange	6	16	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.7.1.12	= 1	ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Down
ospfIfStateChange	6	16	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.7.1.12	!= 1	ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Up
bgpEstablished	6	1,2-6	1.3.6.1.2.1.15.7	1.3.6.1.2.1.15.3.1.2	6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	Juniper BGP established trap

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
bgpBackward Transition	6	1,2-6	1.3.6.1.2.1.15.7	1.3.6.1.2.1.15.3.1.2	1	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	Juniper BGP down trap
newRoot	6	1	1.3.6.1.2.1.17.0			The newRoot trap indicates that the sending agent has become the new root of the Spanning Tree; the trap is sent by a bridge soon after its election as the new root, e.g., upon expiration of the Topology Change Timer, immediately subsequent to its election. Implementation of this trap is optional.	Juniper new root trap
topologyChange	6	2	1.3.6.1.2.1.17.0			A topologyChange trap is sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state. The trap is not sent if a newRoot trap is sent for the same transition. Implementation of this trap is optional.	Juniper Spanning Tree Topology Changed

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
entConfigChange	6	1	1.3.6.1.2.1.47.2.0			An entConfigChange notification is generated when the value of entLastChangeTime changes. It can be utilized by an NMS to trigger logical/physical entity table maintenance polls. An agent should not generate more than one entConfigChange 'notification-event' in a given time interval (five seconds is the suggested default). A 'notification-event' is the transmission of a single trap or inform PDU to a list of notification destinations. If additional configuration changes occur within the throttling period, then notification-events for these changes should be suppressed by the agent until the current throttling period expires. At the end of a throttling period, one notification-event should be generated if any configuration changes occurred since the start of the throttling period. In such a case, another throttling period is started right away. An NMS should periodically check the value of entLastChangeTime to detect any missed entConfigChange notification-events, e.g., due to throttling or transmission loss.	Juniper Entity table configuration changed
mplsLspUp	6	1	1.3.6.1.4.1.2636.3.2.4			mplsLspUp trap signifies that the specified LSP is up. The current active path for the LSP is mplsPathName.	juniper mpls Lsp Up trap
mplsLspDown	6	2	1.3.6.1.4.1.2636.3.2.4			mplsLspDown trap signifies that the specified LSP is down, because the current active path mplsPathName went down.	juniper mpls Lsp Down trap
mplsLspChange	6	3	1.3.6.1.4.1.2636.3.2.4			mplsLspChange trap signifies that the specified LSP has switched traffic to the new active path 'toLspPath'. The LSP maintains up state before and after the switch over	juniper mpls Lsp Change trap

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
mplsLspPathDown	6	4	1.3.6.1.4.1.2636.3.2.4			mplsLspPathDown trap signifies that the specified path mplsPathName for the specified LSP mplsLspName went down	juniper mpls lsp path down trap
mplsLspPathUp	6	5	1.3.6.1.4.1.2636.3.2.4			mplsLspPathUp trap signifies that the specified path mplsPathName for the specified LSP mplsLspName came up	juniper mpls lsp path up trap
apsEventSwitchover	6	1	1.3.6.1.4.1.2636.3.2.4.2.0			apsEventSwitchover notification is sent when the value of an instance of apsChanStatusSwitchovers increments.	juniper aps event switch over trap
apsEventModeMismatch	6	2	1.3.6.1.4.1.2636.3.2.4.2.0			apsEventModeMismatch notification is sent when the value of an instance of apsStatusModeMismatches increments.	juniper aps event mode mismatch trap
apsEventChannelMismatch	6	3	1.3.6.1.4.1.2636.3.2.4.2.0			apsEventChannelMismatch notification is sent when the value of an instance of apsStatusChannelMismatches increments.	juniper aps event channel mismatch trap
apsEventPSBF	6	4	1.3.6.1.4.1.2636.3.2.4.2.0			apsEventPSBF notification is sent when the value of an instance of apsStatusPSBFs increments.	juniper aps event psbf trap
apsEventFEPLF	6	5	1.3.6.1.4.1.2636.3.2.4.2.0			apsEventFEPLFs notification is sent when the value of an instance of apsStatusFEPLFs increments.	juniper aps event feplf trap
jnxVpnIfUp	6	1	1.3.6.1.4.1.2636.3.2.6.0			jnxVpnIfUp notification is generated when the interface with index jnxVpnIfIndex belonging to the VPN named jnxVpnIfVpnName of type jnxVpnIfVpnType transitions out of the 'down' state.	Juniper VPN Interface Up
jnxVpnIfDown	6	2	1.3.6.1.4.1.2636.3.2.6.0			jnxVpnIfDown notification is generated when the interface with index jnxVpnIfIndex belonging to the VPN named jnxVpnIfVpnName of type jnxVpnIfVpnType transitions to the 'down' state.	Juniper VPN Interface Down

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxVpnPwUp	6	3	1.3.6.1.4.1.2636.3.2.6.0			jnxVpnPwUp notification is generated when the Pseudo-Wire with index jnxVpnPwIndex belonging to the VPN named jnxVpnPwVpnName of type jnxVpnPwVpnType transitions out of the 'down' state.	juniper vpn power up trap
jnxVpnPwDown	6	4	1.3.6.1.4.1.2636.3.2.6.0			jnxVpnPwDown notification is generated when the Pseudo-Wire with index jnxVpnPwIndex belonging to the VPN named VpnPwVpnName of type jnxVpnPwVpnType transitions to the 'down' state.	juniper vpn power down trap
jnxPowerSupplyFailure	6	1	1.3.6.1.4.1.2636.4.1			jnxFruPowerOff trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered off in the chassis.	juniper power supply failure Trap
jnxFanFailure	6	2	1.3.6.1.4.1.2636.4.1			jnxFanFailure trap signifies that the SNMP entity, acting in an agent role, has detected that the specified cooling fan or impeller in the chassis has been in the failure (not spinning) condition.	juniper fan failure Trap
jnxOverTemperature	6	3	1.3.6.1.4.1.2636.4.1			jnxOverTemperature trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has experienced over temperature condition.	juniper over temperature Trap
jnxRedundancySwitchover	6	4	1.3.6.1.4.1.2636.4.1			jnxRedundancySwitchover trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has experienced a redundancy switchover event defined as a change in state of jnxRedundancyState from master to backup or vice versa.	juniper redundancy switch over Trap

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxFruRemoval	6	5	1.3.6.1.4.1.2636.4.1			jnxFruRemoval trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been removed from the chassis.	Card Out trap
jnxFruInsertion	6	6	1.3.6.1.4.1.2636.4.1			jnxFruInsertion trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been inserted into the chassis.	Card In trap
jnxFruPowerOff	6	7	1.3.6.1.4.1.2636.4.1			jnxFruPowerOff trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered off in the chassis.	Card Down Trap
jnxFruPowerOn	6	8	1.3.6.1.4.1.2636.4.1			jnxFruPowerOn trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered on in the chassis.	Card Up Trap
jnxFruFailed	6	9	1.3.6.1.4.1.2636.4.1			This indicates the specified FRU (Field Replaceable Unit) has failed in the chassis. Most probably this is due to some hard error such as fru is not powering up or not able to load kernel. In these cases, fru is replaced.	juniper fru failed Trap
jnxFruOffline	6	10	1.3.6.1.4.1.2636.4.1			jnxFruOffline trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit)	juniper fru offline Trap
jnxFruOnline	6	11	1.3.6.1.4.1.2636.4.1			jnxFruOnline trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has gone online in the chassis.	juniper fru online Trap
jnxFruCheck	6	12	1.3.6.1.4.1.2636.4.1			jnxFruCheck trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has encountered some operational errors and gone into check state in the chassis.	juniper fru check Trap

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxSpSvcSetZoneEntered	6	1	1.3.6.1.4.1.2636.4.1.0.0			This indicates a Service PIC has entered a more severe memory-usage zone from a less severe memory usage zone. The zone entered is identified by jnxSpSvcSetIfMemoryZone.	juniper Sp svc set zone entered trap
jnxSpSvcSetZoneExited	6	2	1.3.6.1.4.1.2636.4.1.0.0			This indicates a Service Pic has exited a more severe memory-usage zone to a less severe memory usage zone. The zone exited is identified by jnxSpSvcSetIfMemoryZone.	juniper Sp svc set zone exited trap
jnxSpSvcSetCpuExceeded	6	3	1.3.6.1.4.1.2636.4.1.0.0			This indicates a Service Pic has exceeded its internal threshold for CPU utilization (85%).	juniper Sp svc set cpu exceeded trap
jnxSpSvcSetCpuOk	6	4	1.3.6.1.4.1.2636.4.1.0.0			This indicates a Service Pic has exceeded its internal threshold for CPU utilization (85%).	juniper Sp svc set cpu ok trap
jnxDfcSoftPpsThresholdExceeded	6	1	1.3.6.1.4.1.2636.4.1.1.0			Notification of input packet rate (in packet per second) going beyond the configured limit.	juniper dfc soft pps threshold exceeded trap
jnxDfcSoftPpsUnderThreshold	6	2	1.3.6.1.4.1.2636.4.1.1.0			Notification of input packet rate (in packet per second) dropping back to below the configured limit.	juniper dfc soft pps under threshold trap
jnxDfcHardPpsThresholdExceeded	6	3	1.3.6.1.4.1.2636.4.1.1.0			Notification of input packet rate (in packet per second) going beyond the recommended limit.	juniper dfc hard pps threshold exceeded trap
jnxDfcHardPpsUnderThreshold	6	4	1.3.6.1.4.1.2636.4.1.1.0			Notification of input packet rate (in packet per second) dropping back to below the recommended limit.	juniper dfc hard pps under threshold trap
jnxDfcSoftMemThresholdExceeded	6	5	1.3.6.1.4.1.2636.4.1.1.0			Notification of memory overload condition i.e memory usage is going beyond the configured limit.	juniper dfc soft mem threshold exceeded trap
jnxDfcSoftMemUnderThreshold	6	6	1.3.6.1.4.1.2636.4.1.1.0			Notification of memory usage dropping back to below the configured limit.	juniper dfc soft mem under threshold trap
jnxDfcHardMemThresholdExceeded	6	7	1.3.6.1.4.1.2636.4.1.1.0			Notification of memory overload condition i.e memory usage is going beyond the recommended limit.	juniper dfc hard mem threshold exceeded trap

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxDfcHardMemUnderThreshold	6	8	1.3.6.1.4.1.2636.4.1.1.0			Notification of memory usage dropping back to below the recommended limit.	juniper dfc hard mem under threshold trap
jnxPowerSupplyOK	6	1	1.3.6.1.4.1.2636.4.2			jnxPowerSupplyOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified power supply in the chassis has recovered from the failure (bad DC output) condition.	juniper power supply ok trap
jnxFanOK	6	2	1.3.6.1.4.1.2636.4.2			jnxFanOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified cooling fan or impeller in the chassis has recovered from the failure (not spinning) condition.	juniper fan ok trap
jnxTemperatureOK	6	3	1.3.6.1.4.1.2636.4.2			jnxTemperatureOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has recovered from over temperature condition.	juniper temperature ok trap
jnxRmonAlarmGetFailure	6	1	1.3.6.1.4.1.2636.4.3.0			The SNMP trap that is generated when the get request for an alarm variable returns an error. The specific error is identified by jnxRmonAlarmGetFailReason.	juniper Rmon alarm get failure trap
jnxRmonGetOk	6	2	1.3.6.1.4.1.2636.4.3.0			The SNMP trap that is generated when the get request for an alarm variable is successful. This is only sent after previous attempts were unsuccessful.	juniper Rmon get ok trap
jnxLdpLspUp	6	1	1.3.6.1.4.1.2636.4.4.0			The SNMP trap that is generated when an LSP comes up.	juniper Ldp Lsp Up trap
jnxLdpLspDown	6	2	1.3.6.1.4.1.2636.4.4.0			The SNMP trap that is generated when the LSP goes down.	juniper Ldp Lsp Down trap
jnxLdpSesUp	6	3	1.3.6.1.4.1.2636.4.4.0			The SNMP trap that is generated when the value of 'mplsLdpSesState' enters the 'operational(5)' state.	juniper ldp session up trap

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxLdpSesDown	6	4	1.3.6.1.4.1.2636.4.4.0			The SNMP trap that is generated when the value of 'mplsLdpSesState' leaves the 'operational(5)' state. The value of jnxLdpSesDownIf is one of the neighbor's interface. It is the interface associated with the last neighbor when jnxLdpSesDownReason is allAdjacenciesDown (3).	juniper ldp session down trap
jnxCmCfgChange	6	1	1.3.6.1.4.1.2636.4.5.0			Notification of a configuration management event as recorded in jnxCmCfgChgEventTable.	juniper Cm cfg change trap
jnxCmRescueChange	6	2	1.3.6.1.4.1.2636.4.5.0			Notification of the latest rescue configuration change.	juniper Cm rescue change trap
jnxSonetAlarmSet	6	1	1.3.6.1.4.1.2636.4.6.0			Notification of a recently set SONET/SDH alarm.	juniper sonet alarm set trap
jnxSonetAlarmCleared	6	2	1.3.6.1.4.1.2636.4.6.0			Notification of a recently cleared SONET/SDH alarm.	juniper sonet alarm cleared trap
jnxPMonOverloadSet	6	1	1.3.6.1.4.1.2636.4.7.0			Notification of a new overload condition on a Passive Monitoring interface.	juniper PMon overload set trap
jnxPMonOverloadCleared	6	2	1.3.6.1.4.1.2636.4.7.0			Notification of a cleared overload condition on a Passive Monitoring interface.	juniper PMon overload cleared trap
jnxCollUnavailableDest	6	1	1.3.6.1.4.1.2636.4.8.0			Notification of an unavailable destination failure encountered while transferring a collector file.	juniper coll unavailable dest trap
jnxCollUnavailableDestCleared	6	2	1.3.6.1.4.1.2636.4.8.0			This indicates a previous unavailable destination failure has been resolved.	juniper coll unavailable dest cleared trap
jnxCollUnsuccessfulTransfer	6	3	1.3.6.1.4.1.2636.4.8.0			This indicates an error was encountered while attempting a file transfer.	juniper coll unsuccessful transfer trap
jnxCollFlowOverload	6	4	1.3.6.1.4.1.2636.4.8.0			This indicates a soft or hard flow overload condition has been triggered.	juniper coll flow overload trap
jnxCollFlowOverloadCleared	6	5	1.3.6.1.4.1.2636.4.8.0			This indicates a soft or hard flow overload condition has been cleared.	juniper coll flow overload cleared trap

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxCollMemoryUnavailable	6	6	1.3.6.1.4.1.2636.4.8.0			This indicates a memory unavailable condition has been triggered.	juniper coll memory unavailable trap
jnxCollMemoryAvailable	6	7	1.3.6.1.4.1.2636.4.8.0			This indicates a memory unavailable condition has been cleared.	juniper coll memory available trap
jnxCollFtpSwitchover	6	8	1.3.6.1.4.1.2636.4.8.0			This indicates an FTP server switchover has occurred.	juniper coll ftp switch over trap
jnxPingRttThresholdExceeded	6	1	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the round trip time (jnxPingCtlRttThreshold) exceeds the configured threshold (jnxPingCtlRttThreshold) and the rttThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt threshold exceeded trap
jnxPingRttStdDevThresholdExceeded	6	2	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the standard deviation of the round trip time (jnxPingResultsStdDevRttUs) exceeds the configured threshold (jnxPingCtlRttStdDevThreshold) and the rttStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt std dev threshold exceeded trap
jnxPingRttJitterThresholdExceeded	6	3	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the round trip time jitter (jnxPingResultsMaxRttUs minus jnxPingResultsMinRttUs) exceeds the configured threshold (jnxPingCtlRttJitterThreshold) and the rttJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt jitter threshold exceeded trap
jnxPingEgressThresholdExceeded	6	4	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the egress time (jnxPingResultsEgressUs) exceeds the configured threshold (jnxPingCtlEgressTimeThreshold) and the egressThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress threshold exceeded trap

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxPingEgressStdDevThresholdExceeded	6	5	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the standard deviation of the egress time (jnxPingResultsStddevEgressUs) exceeds the configured threshold (jnxPingCtlEgressStdDevThreshold) and the egressStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress std dev threshold exceeded trap
jnxPingEgressJitterThresholdExceeded	6	6	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the egress time jitter (jnxPingResultsMaxEgressUs minus jnxPingResultsMinEgressUs) exceeds the configured threshold (jnxPingCtlEgressJitterThreshold) and the egressJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress jitter threshold exceeded trap
jnxPingIngressThresholdExceeded	6	7	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the ingress time (jnxPingResultsIngressUs) exceeds the configured threshold (jnxPingCtlIngressTimeThreshold) and the ingressThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress threshold exceeded trap
jnxPingIngressStddevThresholdExceeded	6	8	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the standard deviation of the ingress time (jnxPingResultsStddevIngressUs) exceeds the configured threshold (jnxPingCtlIngressStddevThreshold) and the ingressStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress std dev threshold exceeded trap
jnxPingIngressJitterThresholdExceeded	6	9	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the ingress time jitter (jnxPingResultsMaxIngressUs minus jnxPingResultsMinIngressUs) exceeds the configured threshold (jnxPingCtlIngressJitterThreshold) and the ingressJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress jitter threshold exceeded trap
jnxBgpM2Established	6	1	1.3.6.1.4.1.2636.5.1.1.1.0			The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	juniper bgp M2 established trap

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxBgpM2BackwardTransition	6	2	1.3.6.1.4.1.2636.5.1.1.1.0			The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	juniper bgp M2 backward transition trap
coldStart	1		1.3.6.1.6.3.1.1.5			A coldStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration may have been altered.	Juniper Cold start trap
warmStart	2		1.3.6.1.6.3.1.1.5			A warmStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself such that its configuration is unaltered.	Juniper Warm start trap
linkDown	3		1.3.6.1.6.3.1.1.5			A linkDown trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper Line down trap
linkUp	4		1.3.6.1.6.3.1.1.5			A linkUp trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into some other state (but not into the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper Line up trap
authenticationFailure	5		1.3.6.1.6.3.1.1.5			An authenticationFailure trap signifies that the SNMP entity has received a protocol message that is not properly authenticated. While all implementations of SNMP entities MAY be capable of generating this trap, the snmpEnableAuthenTraps object indicates whether this trap will be generated.	Juniper SNMP authentication failure

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
isisDatabaseOverload	6	1	1.3.6.1.2.1.138.0.1				juniper isis database overload trap
isisManualAddressDrops	6	2	1.3.6.1.2.1.138.0.2				juniper isis manual address drops trap
isisCorruptedLSPDetected	6	3	1.3.6.1.2.1.138.0.3				juniper isis corrupted lsp detected trap
isisAttemptToExceedMaxSequence	6	4	1.3.6.1.2.1.138.0.4				juniper isis attempt to exceed maxsequence trap
isisIDLenMismatch	6	5	1.3.6.1.2.1.138.0.5				juniper isis ID Len mismatch trap
isisMaxAreaAddressesMismatch	6	6	1.3.6.1.2.1.138.0.6				juniper isis max area addresses mismatch trap
isisOwnLSPPurge	6	7	1.3.6.1.2.1.138.0.7				juniper isis own lsp purge trap
isisSequenceNumberSkip	6	8	1.3.6.1.2.1.138.0.8				juniper isis sequence number skip trap
isisAuthenticationTypeFailure	6	9	1.3.6.1.2.1.138.0.9				juniper isis authentication type failure
isisAuthenticationFailure	6	10	1.3.6.1.2.1.138.0.10				juniper isis authentication Failure
isisVersionSkew	6	11	1.3.6.1.2.1.138.0.11				juniper isis version skew
isisAreaMismatch	6	12	1.3.6.1.2.1.138.0.12				juniper isis area mismatch
isisRejectedAdjacency	6	13	1.3.6.1.2.1.138.0.13				juniper isis rejected adjacency

Table 10-16 Juniper MX-Series V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
isisLSPTooLargeToPropagate	6	14	1.3.6.1.2.1.138.0.14				juniper isis lsp too large
isisOrigLSPBufferSizeMismatch	6	15	1.3.6.1.2.1.138.0.15				juniper isis orig lsp buffer size mismatch
isisProtocolsSupportedMismatch	6	16	1.3.6.1.2.1.138.0.16				juniper isis protocols supported mismatch
isisAdjacencyChange	6	17	1.3.6.1.2.1.138.0.17				juniper isis adjacency change
isisLSPErrorDetected	6	18	1.3.6.1.2.1.138.0.18				juniper isis lsp error detected

Juniper MX-Series V2 Traps

[Table 10-17](#) lists the Juniper MX-Series V2 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see [Table 10-44](#).

Table 10-17 Juniper MX-Series V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfIfStateChange	.1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	= 1	ospfIfStateChange trap signifies that there has been a change in the state of a non-virtualOSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Down
ospfIfStateChange	.1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	!= 1	ospfIfStateChange trap signifies that there has been a change in the state of a non-virtualOSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Up

Table 10-17 Juniper MX-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtIfStateChange	.1.3.6.1.2.1.14.16.2.1	NA	NA	ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual interface. This trap should be generated when the inter-face state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	Juniper OSPF virtual interface state changed to Down
ospfNbrStateChange	.1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.10.1.6	!= 8	ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state down
ospfNbrStateChange	.1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.10.1.6	= 8	ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state up
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.11.1.5	!= 8	ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF interface configuration error
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.11.1.5	= 8	ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual interface configuration error
ospfIfConfigError	.1.3.6.1.2.1.14.16.2.4	NA	NA	ospfIfConfigError trap signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF interface configuration error

Table 10-17 Juniper MX-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtIfConfigError	.1.3.6.1.2.1.14.16.2.5	NA	NA	ospfConfigError trap signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF virtual interface configuration error
ospfIfAuthFailure	.1.3.6.1.2.1.14.16.2.6	NA	NA	ospfIfAuthFailure trap signifies that a packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF interface authentication failure
ospfVirtIfAuthFailure	.1.3.6.1.2.1.14.16.2.7	NA	NA	ospfVirtIfAuthFailure trap signifies that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF virtual interface authentication failure
ospfIfRxBadPacket	.1.3.6.1.2.1.14.16.2.8	NA	NA	ospfIfRxBadPacket trap signifies that an OSPF packet has been received on a non-virtual interface that cannot be parsed.	Juniper OSPF bad packet received
ospfVirtIfRxBadPacket	.1.3.6.1.2.1.14.16.2.9	NA	NA	ospfRxBadPacket trap signifies that an OSPF packet has been received on a virtual interface that cannot be parsed.	Juniper OSPF bad packet received on virtual interface
ospfTxRetransmit	.1.3.6.1.2.1.14.16.2.10	NA	NA	ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a non-virtual interface.	Juniper OSPF packet retransmitted
ospfVirtIfTxRetransmit	.1.3.6.1.2.1.14.16.2.11	NA	NA	ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a virtual interface.	Juniper OSPF packet retransmitted on virtual interface
ospfOriginateLsa	.1.3.6.1.2.1.14.16.2.12	NA	NA	ospfOriginateLsa trap signifies that a new LSA has been originated by this router. This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.	Juniper OSPF new LSA originated

Table 10-17 Juniper MX-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfMaxAgeLsa	.1.3.6.1.2.1.14.16.2.13	NA	NA	ospfMaxAgeLsa trap signifies that one of the LSA in the router's link-state database has aged to MaxAge.	Juniper OSPF LSA aged to MaxAge
bgpBackwardTransition	.1.3.6.1.2.1.15.7.2	NA	NA	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	Juniper BGP established trap
bgpEstablished	.1.3.6.1.2.1.15.7.1	1.3.6.1.2.1.15.3.1.2	= 6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	Juniper BGP down trap
newRoot	1.3.6.1.2.1.17.0.1			The newRoot trap indicates that the sending agent has become the new root of the Spanning Tree; the trap is sent by a bridge soon after its election as the new root, e.g., upon expiration of the Topology Change Timer, immediately subsequent to its election. Implementation of this trap is optional.	Juniper new root trap
topologyChange	1.3.6.1.2.1.17.0.2			A topologyChange trap is sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state. The trap is not sent if a newRoot trap is sent for the same transition. Implementation of this trap is optional.	Juniper Spanning Tree Topology Changed

Table 10-17 Juniper MX-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
entConfigChange				An entConfigChange notification is generated when the value of entLastChangeTime changes. It can be utilized by an NMS to trigger logical/physical entity table maintenance polls. An agent should not generate more than one entConfigChange 'notification-event' in a given time interval (five seconds is the suggested default). A 'notification-event' is the transmission of a single trap or inform PDU to a list of notification destinations. If additional configuration changes occur within the throttling period, then notification-events for these changes should be suppressed by the agent until the current throttling period expires. At the end of a throttling period, one notification-event should be generated if any configuration changes occurred since the start of the throttling period. In such a case, another throttling period is started right away. An NMS should periodically check the value of entLastChangeTime to detect any missed entConfigChange notification-events, e.g., due to throttling or transmission loss.	Juniper Entity table configuration changed
mplsLspUp	1.3.6.1.4.1.2636.3.2.4.1			mplsLspUp trap signifies that the specified LSP is up. The current active path for the LSP is mplsPathName.	juniper mpls Lsp Up trap
mplsLspDown	1.3.6.1.4.1.2636.3.2.4.2			mplsLspDown trap signifies that the specified LSP is down, because the current active path mplsPathName went down.	juniper mpls Lsp Down trap
mplsLspChange	1.3.6.1.4.1.2636.3.2.4.3			mplsLspChange trap signifies that the specified LSP has switched traffic to the new active path 'toLspPath'. The LSP maintains up state before and after the switch over	juniper mpls Lsp Change trap
mplsLspPathDown	1.3.6.1.4.1.2636.3.2.4.4			mplsLspPathDown trap signifies that the specified path mplsPathName for the specified LSP mplsLspName went down	juniper mpls Lsp path down trap

Table 10-17 Juniper MX-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
mplsLspPathUp	1.3.6.1.4.1.2636.3.2.4.5			mplsLspPathUp trap signifies that the specified path mplsPathName for the specified LSP mplsLspName came up	juniper mpls lsp path up trap
apsEventSwitchover	1.3.6.1.4.1.2636.3.24.2.0.1			apsEventSwitchover notification is sent when the value of an instance of apsChanStatusSwitchovers increments.	juniper aps event switch over trap
apsEventModeMismatch	1.3.6.1.4.1.2636.3.24.2.0.2			apsEventModeMismatch notification is sent when the value of an instance of apsStatusModeMismatches increments.	juniper aps event mode mismatch trap
apsEventChannelMismatch	1.3.6.1.4.1.2636.3.24.2.0.3			apsEventChannelMismatch notification is sent when the value of an instance of apsStatusChannelMismatches increments.	juniper aps event channel mismatch trap
apsEventPSBF	1.3.6.1.4.1.2636.3.24.2.0.4			apsEventPSBF notification is sent when the value of an instance of apsStatusPSBFs increments.	juniper aps event psbf trap
apsEventFEPLF	1.3.6.1.4.1.2636.3.24.2.0.5			apsEventFEPLFs notification is sent when the value of an instance of apsStatusFEPLFs increments.	juniper aps event feplf trap
jnxVpnIfUp	1.3.6.1.4.1.2636.3.26.0.1			jnxVpnIfUp notification is generated when the interface with index jnxVpnIfIndex belonging to the VPN named jnxVpnIfVpnName of type jnxVpnIfVpnType transitions out of the 'down' state.	Juniper VPN Interface Up
jnxVpnIfDown	1.3.6.1.4.1.2636.3.26.0.2			jnxVpnIfDown notification is generated when the interface with index jnxVpnIfIndex belonging to the VPN named jnxVpnIfVpnName of type jnxVpnIfVpnType transitions to the 'down' state.	Juniper VPN Interface Down
jnxVpnPwUp	1.3.6.1.4.1.2636.3.26.0.3			jnxVpnPwUp notification is generated when the Pseudo-Wire with index jnxVpnPwIndex belonging to the VPN named jnxVpnPwVpnName of type jnxVpnPwVpnType transitions out of the 'down' state.	juniper vpn power up trap
jnxVpnPwDown	1.3.6.1.4.1.2636.3.26.0.4			jnxVpnPwDown notification is generated when the Pseudo-Wire with index jnxVpnPwIndex belonging to the VPN named VpnPwVpnName of type jnxVpnPwVpnType transitions to the 'down' state.	juniper vpn power down trap

Table 10-17 Juniper MX-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxPowerSupplyFailure	1.3.6.1.4.1.2636.4.1.1			jnxFruPowerOff trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered off in the chassis.	juniper power supply failure Trap
jnxFruOffline	1.3.6.1.4.1.2636.4.1.10			jnxFruOffline trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit)	juniper fru offline Trap
jnxFruOnline	1.3.6.1.4.1.2636.4.1.11			jnxFruOnline trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has gone online in the chassis.	juniper fru online Trap
jnxFruCheck	1.3.6.1.4.1.2636.4.1.12			jnxFruCheck trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has encountered some operational errors and gone into check state in the chassis.	juniper fru check Trap
jnxFanFailure	1.3.6.1.4.1.2636.4.1.2			jnxFanFailure trap signifies that the SNMP entity, acting in an agent role, has detected that the specified cooling fan or impeller in the chassis has been in the failure (not spinning) condition.	juniper fan failure Trap
jnxOverTemperature	1.3.6.1.4.1.2636.4.1.3			jnxOverTemperature trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has experienced over temperature condition.	juniper over temperature Trap
jnxRedundancySwitchover	1.3.6.1.4.1.2636.4.1.4			jnxRedundancySwitchover trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has experienced a redundancy switchover event defined as a change in state of jnxRedundancyState from master to backup or vice versa.	juniper redundancy switch over Trap
jnxFanFailure	1.3.6.1.4.1.2636.4.1.2			A jnxFanFailure trap signifies that the SNMP entity, acting in an agent role, has detected that the specified cooling fan or impeller in the chassis has been in the failure (not spinning) condition.	Card Out trap

Table 10-17 Juniper MX-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxOverTemperature	1.3.6.1.4.1.2636.4.1.3			A jnxOverTemperature trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has experienced over temperature condition.	Card In trap
jnxFruPowerOff	1.3.6.1.4.1.2636.4.1.7			jnxFruPowerOff trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered off in the chassis.	Card Down Trap
jnxFruPowerOn	1.3.6.1.4.1.2636.4.1.8			jnxFruPowerOn trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered on in the chassis.	Card Up Trap
jnxFruFailed	1.3.6.1.4.1.2636.4.1.9			This indicates the specified FRU (Field Replaceable Unit) has failed in the chassis. Most probably this is due to some hard error such as fru is not powering up or not able to load ukernel. In these cases, fru is replaced.	juniper fru failed Trap
jnxSpSvcSetZoneEntered	1.3.6.1.4.1.2636.4.10.0.1			This indicates a Service PIC has entered a more severe memory-usage zone from a less severe memory usage zone. The zone entered is identified by jnxSpSvcSetIfMemoryZone.	juniper Sp svc set zone entered trap
jnxSpSvcSetZoneExited	1.3.6.1.4.1.2636.4.10.0.2			This indicates a Service Pic has exited a more severe memory-usage zone to a less severe memory usage zone. The zone exited is identified by jnxSpSvcSetIfMemoryZone.	juniper Sp svc set zone exited trap
jnxSpSvcSetCpuExceeded	1.3.6.1.4.1.2636.4.10.0.3			This indicates a Service Pic has exceeded its internal threshold for CPU utilization (85%).	juniper Sp svc set cpu exceeded trap
jnxSpSvcSetCpuOk	1.3.6.1.4.1.2636.4.10.0.4			This indicates a Service Pic has exceeded its internal threshold for CPU utilization (85%).	juniper Sp svc set cpu ok trap
jnxDfcSoftPpsThresholdExceeded	1.3.6.1.4.1.2636.4.11.0.1			Notification of input packet rate (in packet per second) going beyond the configured limit.	juniper dfc soft pps threshold exceeded trap
jnxDfcSoftPpsUnderThreshold	1.3.6.1.4.1.2636.4.11.0.2			Notification of input packet rate (in packet per second) dropping back to below the configured limit.	juniper dfc soft pps under threshold trap

Table 10-17 Juniper MX-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxDfcHardPpsThresholdExceeded	1.3.6.1.4.1.2636.4.11.0.3			Notification of input packet rate (in packet per second) going beyond the recommended limit.	juniper dfc hard pps threshold exceeded trap
jnxDfcHardPpsUnderThreshold	1.3.6.1.4.1.2636.4.11.0.4			Notification of input packet rate (in packet per second) dropping back to below the recommended limit.	juniper dfc hard pps under threshold trap
jnxDfcSoftMemThresholdExceeded	1.3.6.1.4.1.2636.4.11.0.5			Notification of memory overload condition i.e memory usage is going beyond the configured limit.	juniper dfc soft mem threshold exceeded trap
jnxDfcSoftMemUnderThreshold	1.3.6.1.4.1.2636.4.11.0.6			Notification of memory usage dropping back to below the configured limit.	juniper dfc soft mem under threshold trap
jnxDfcHardMemThresholdExceeded	1.3.6.1.4.1.2636.4.11.0.7			Notification of memory overload condition i.e memory usage is going beyond the recommended limit.	juniper dfc hard mem threshold exceeded trap
jnxDfcHardMemUnderThreshold	1.3.6.1.4.1.2636.4.11.0.8			Notification of memory usage dropping back to below the recommended limit.	juniper dfc hard mem under threshold trap
jnxPowerSupplyOK	1.3.6.1.4.1.2636.4.2.1			jnxPowerSupplyOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified power supply in the chassis has recovered from the failure (bad DC output) condition.	juniper power supply ok trap
jnxFanOK	1.3.6.1.4.1.2636.4.2.2			jnxFanOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified cooling fan or impeller in the chassis has recovered from the failure (not spinning) condition.	juniper fan ok trap
jnxTemperatureOK	1.3.6.1.4.1.2636.4.2.3			jnxTemperatureOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has recovered from over temperature condition.	juniper temperature ok trap
jnxRmonAlarmGetFailure	1.3.6.1.4.1.2636.4.3.0.1			The SNMP trap that is generated when the get request for an alarm variable returns an error. The specific error is identified by jnxRmonAlarmGetFailReason.	juniper Rmon alarm get failure trap

Table 10-17 Juniper MX-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxRmonGetOk	1.3.6.1.4.1.2636.4.3.0.2			The SNMP trap that is generated when the get request for an alarm variable is successful. This is only sent after previous attempts were unsuccessful.	juniper Rmon get ok trap
jnxLdpLspUp	1.3.6.1.4.1.2636.4.4.0.1			The SNMP trap that is generated when an LSP comes up.	juniper Ldp Lsp Up trap
jnxLdpLspDown	1.3.6.1.4.1.2636.4.4.0.2			The SNMP trap that is generated when the LSP goes down.	juniper Ldp Lsp Down trap
jnxLdpSesUp	1.3.6.1.4.1.2636.4.4.0.3			The SNMP trap that is generated when the value of 'mplsLdpSesState' enters the 'operational(5) state.	juniper ldp session up trap
jnxLdpSesDown	1.3.6.1.4.1.2636.4.4.0.4			The SNMP trap that is generated when the value of 'mplsLdpSesState' leaves the 'operational(5) state. The value of jnxLdpSesDownIf is one of the neighbor's interface. It is the interface associated with the last neighbor when jnxLdpSesDownReason is allAdjacenciesDown (3).	juniper ldp session down trap
jnxCmCfgChange	1.3.6.1.4.1.2636.4.5.0.1			Notification of a configuration management event as recorded in jnxCmCfgChgEventTable.	juniper Cm cfg change trap
jnxCmRescueChange	1.3.6.1.4.1.2636.4.5.0.2			Notification of the latest rescue configuration change.	juniper Cm rescue change trap
jnxSonetAlarmSet	1.3.6.1.4.1.2636.4.6.0.1			Notification of a recently set SONET/SDH alarm.	juniper sonet alarm set trap
jnxSonetAlarmCleared	1.3.6.1.4.1.2636.4.6.0.2			Notification of a recently cleared SONET/SDH alarm.	juniper sonet alarm cleared trap
jnxPMonOverloadSet	1.3.6.1.4.1.2636.4.7.0.1			Notification of a new overload condition on a Passive Monitoring interface.	juniper PMon overload set trap
jnxPMonOverloadCleared	1.3.6.1.4.1.2636.4.7.0.2			Notification of a cleared overload condition on a Passive Monitoring interface.	juniper PMon overload cleared trap
jnxCollUnavailableDest	1.3.6.1.4.1.2636.4.8.0.1			Notification of an unavailable destination failure encountered while transferring a collector file.	juniper coll unavailable dest trap
jnxCollUnavailableDestCleared	1.3.6.1.4.1.2636.4.8.0.2			This indicates a previous unavailable destination failure has been resolved.	juniper coll unavailable dest cleared trap

Table 10-17 Juniper MX-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxCollUnsuccessfulTransfer	1.3.6.1.4.1.2636.4.8.0.3			This indicates an error was encountered while attempting a file transfer.	juniper coll unsuccessful transfer trap
jnxCollFlowOverload	1.3.6.1.4.1.2636.4.8.0.4			This indicates a soft or hard flow overload condition has been triggered.	juniper coll flow overload trap
jnxCollFlowOverloadCleared	1.3.6.1.4.1.2636.4.8.0.5			This indicates a soft or hard flow overload condition has been cleared.	juniper coll flow overload cleared trap
jnxCollMemoryUnavailable	1.3.6.1.4.1.2636.4.8.0.6			This indicates a memory unavailable condition has been triggered.	juniper coll memory unavailable trap
jnxCollMemoryAvailable	1.3.6.1.4.1.2636.4.8.0.7			This indicates a memory unavailable condition has been cleared.	juniper coll memory available trap
jnxCollFtpSwitchover	1.3.6.1.4.1.2636.4.8.0.8			This indicates an FTP server switchover has occurred.	juniper coll ftp switch over trap
jnxPingRttThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.1			This notification is generated when the round trip time (jnxPingCtlRttThreshold) exceeds the configured threshold (jnxPingCtlRttThreshold) and the rttThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt threshold exceeded trap
jnxPingRttStdDevThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.2			This notification is generated when the standard deviation of the round trip time (jnxPingResultsStdDevRttUs) exceeds the configured threshold (jnxPingCtlRttStdDevThreshold) and the rttStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt std dev threshold exceeded trap
jnxPingRttJitterThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.3			This notification is generated when the round trip time jitter (jnxPingResultsMaxRttUs minus jnxPingResultsMinRttUs) exceeds the configured threshold (jnxPingCtlRttJitterThreshold) and the rttJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt jitter threshold exceeded trap

Table 10-17 Juniper MX-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxPingEgressThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.4			This notification is generated when the egress time (jnxPingResultsEgressUs) exceeds the configured threshold (jnxPingCtlEgressTimeThreshold) and the egressThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress threshold exceeded trap
jnxPingEgressStdDevThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.5			This notification is generated when the standard deviation of the egress time (jnxPingResultsStddevEgressUs) exceeds the configured threshold (jnxPingCtlEgressStdDevThreshold) and the egressStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress std dev threshold exceeded trap
jnxPingEgressJitterThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.6			This notification is generated when the egress time jitter (jnxPingResultsMaxEgressUs minus jnxPingResultsMinEgressUs) exceeds the configured threshold (jnxPingCtlEgressJitterThreshold) and the egressJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress jitter threshold exceeded trap
jnxPingIngressThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.7			This notification is generated when the ingress time (jnxPingResultsIngressUs) exceeds the configured threshold (jnxPingCtlIngressTimeThreshold) and the ingressThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress threshold exceeded trap
jnxPingIngressStddevThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.8			This notification is generated when the standard deviation of the ingress time (jnxPingResultsStddevIngressUs) exceeds the configured threshold (jnxPingCtlIngressStddevThreshold) and the ingressStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress std dev threshold exceeded trap
jnxPingIngressJitterThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.9			This notification is generated when the ingress time jitter (jnxPingResultsMaxIngressUs minus jnxPingResultsMinIngressUs) exceeds the configured threshold (jnxPingCtlIngressJitterThreshold) and the ingressJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress jitter threshold exceeded trap

Table 10-17 Juniper MX-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxBgpM2Established	1.3.6.1.4.1.2636.5.1.1.1.0.1			The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	juniper bgp M2 established trap
jnxBgpM2BackwardTransition	1.3.6.1.4.1.2636.5.1.1.1.0.2			The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	juniper bgp M2 backward transition trap
coldStart	1.3.6.1.6.3.1.1.5.1			A coldStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration may have been altered.	Juniper Cold start trap
warmStart	1.3.6.1.6.3.1.1.5.2			A warmStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself such that its configuration is unaltered.	Juniper Warm start trap
linkDown	1.3.6.1.6.3.1.1.5.3			A linkDown trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper Line down trap
linkUp	1.3.6.1.6.3.1.1.5.4			A linkUp trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into some other state (but not into the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper Line up trap
authenticationFailure	1.3.6.1.6.3.1.1.5.5			An authenticationFailure trap signifies that the SNMP entity has received a protocol message that is not properly authenticated. While all implementations of SNMP entities MAY be capable of generating this trap, the snmpEnableAuthenTraps object indicates whether this trap will be generated.	Juniper SNMP authentication failure

Table 10-17 Juniper MX-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
isisdatabaseoverload	1.3.6.1.2.1.138.0.1				juniper isis database overload trap
isisManualAddressDrops	1.3.6.1.2.1.138.0.2				juniper isis manual address drops trap
isisCorruptedLSPDetected	1.3.6.1.2.1.138.0.3				juniper isis corrupted lsp detected trap
isisAttemptToExceedMaxSequence	1.3.6.1.2.1.138.0.4				juniper isis attempt to exceed maxsequence trap
isisIDLensMismatch	1.3.6.1.2.1.138.0.5				juniper isis ID Len mismatch trap
isisMaxAreaAddressesMismatch	1.3.6.1.2.1.138.0.6				juniper isis max area addresses mismatch trap
isisOwnLSPPurge	1.3.6.1.2.1.138.0.7				juniper isis own lsp purge trap
isisSequenceNumberSkip	1.3.6.1.2.1.138.0.8				juniper isis sequence number skip trap
isisAuthenticationTypeFailure	1.3.6.1.2.1.138.0.9				juniper isis authentication type failure
isisAuthenticationFailure	1.3.6.1.2.1.138.0.10				juniper isis authentication Failure
isisVersionSkew	1.3.6.1.2.1.138.0.11				juniper isis version skew
isisAreaMismatch	1.3.6.1.2.1.138.0.12				juniper isis area mismatch
isisRejectedAdjacency	1.3.6.1.2.1.138.0.13				juniper isis rejected adjacency

Table 10-17 Juniper MX-Series V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
isisLSPTooLargeToPropagate	1.3.6.1.2.1.138.0.14				juniper isis lsp too large
isisOrigLSPBufferSizeModeMismatch	1.3.6.1.2.1.138.0.15				juniper isis orig lsp buffer size mismatch
isisProtocolsSupportedMismatch	1.3.6.1.2.1.138.0.16				juniper isis protocols supported mismatch
isisAdjacencyChange	1.3.6.1.2.1.138.0.17				juniper isis adjacency change
isisLSPErrorDetected	1.3.6.1.2.1.138.0.18				juniper isis lsp error detected

Juniper Netscreen V1 Traps

[Table 10-18](#) lists the Juniper Netscreen V1 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see [Table 10-45](#).

Table 10-18 Juniper Netscreen V1 Traps

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
logfull	6	100	1.3.6.1.4.1.3224	1.3.6.1.4.1.3224.2.1	24	This trap indicates that some kind of hardware problem has occurred	logfull
devicedead	6	100	1.3.6.1.4.1.3224	1.3.6.1.4.1.3224.2.1	19	This trap indicates that some kind of hardware problem has occurred	devicedead
genericHWfail	6	100	1.3.6.1.4.1.3224	1.3.6.1.4.1.3224.2.1	22	This trap indicates that some kind of hardware problem has occurred	genericHWfail
cpuhigh	6	100	1.3.6.1.4.1.3224	1.3.6.1.4.1.3224.2.1	30	This trap indicates that some kind of hardware problem has occurred	cpuhigh

Table 10-18 Juniper Netscreen V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
lowmemory	6	100	1.3.6.1.4.1.3224	1.3.6.1.4.1.3224.2.1	20	This trap indicates that some kind of hardware problem has occurred	lowmemory
highavailability	6	200	1.3.6.1.4.1.3224	1.3.6.1.4.1.3224.2.1	15	This trap indicates that some kind of firewall functions has been triggered.	highavailability
dstipsessionlimit	6	200	1.3.6.1.4.1.3224	1.3.6.1.4.1.3224.2.1	430	This trap indicates that some kind of firewall functions has been triggered.	dstipsessionlimit
nsrp vsd master	6	600	1.3.6.1.4.1.3224	1.3.6.1.4.1.3224.2.1	71	This trap indicates that NSRP status has occurred.	nsrp vsd master
nsrp vsd backup	6	600	1.3.6.1.4.1.3224	1.3.6.1.4.1.3224.2.1	73	This trap indicates that NSRP status has occurred.	nsrp vsd backup
nsrp rto up	6	600	1.3.6.1.4.1.3224	1.3.6.1.4.1.3224.2.1	60	This trap indicates that NSRP status has occurred.	nsrp rto up
nsrp rto down	6	600	1.3.6.1.4.1.3224	1.3.6.1.4.1.3224.2.1	61	This trap indicates that NSRP status has occurred.	nsrp rto down
ospfVirtIfStateChange	6	1	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual interface. This trap should be generated when the inter-face state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	Juniper OSPF virtual interface state changed to Down
ospfNbrStateChange	6	2	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.10.1.6	!= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state down

Table 10-18 Juniper Netscreen V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfNbrStateChange	6	2	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.10.1.6	= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state up
ospfVirtNbrStateChange	6	3	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.11.1.5	!= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state down
ospfVirtNbrStateChange	6	3	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.11.1.5	= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state up
ospfIfConfigError	6	4	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfConfigError trap signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF interface configuration error
ospfVirtIfConfigError	6	5	1.3.6.1.2.1.14.16.2	NA	NA	An ospfConfigError trap signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF virtual interface configuration error
ospfIfAuthFailure	6	6	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfAuthFailure trap signifies that a packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF interface authentication failure

Table 10-18 Juniper Netscreen V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtIfAuth Failure	6	7	1.3.6.1.2.1.14.16.2	NA	NA	An ospfVirtIfAuthFailure trap signifies that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF virtual interface authentication failure
ospfIfRxBadPacket	6	8	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfRxBadPacket trap signifies that an OSPF packet has been received on a non-virtual interface that cannot be parsed.	Juniper OSPF bad packet received
ospfVirtIfRxBadPacket	6	9	1.3.6.1.2.1.14.16.2	NA	NA	An ospfRxBadPacket trap signifies that an OSPF packet has been received on a virtual interface that cannot be parsed.	Juniper OSPF bad packet received on virtual interface
ospfTxRetransmit	6	10	1.3.6.1.2.1.14.16.2	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a non-virtual interface.	Juniper OSPF packet retransmitted
ospfVirtIfTxRetransmit	6	11	1.3.6.1.2.1.14.16.2	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a virtual interface.	Juniper OSPF packet retransmitted on virtual interface
ospfOriginateLsa	6	12	1.3.6.1.2.1.14.16.2	NA	NA	An ospfOriginateLsa trap signifies that a new LSA has been originated by this router. This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.	Juniper OSPF new LSA originated
ospfMaxAgeLsa	6	13	1.3.6.1.2.1.14.16.2	NA	NA	An ospfMaxAgeLsa trap signifies that one of the LSA in the router's link-state database has aged to MaxAge.	Juniper OSPF LSA aged to MaxAge

Table 10-18 Juniper Netscreen V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfIfStateChange	6	16	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.7.1.12	= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Down
ospfIfStateChange	6	16	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.7.1.12	!= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Up
bgpEstablished	6	1,2-6	1.3.6.1.2.1.15.7	1.3.6.1.2.1.15.3.1.2	6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	Juniper BGP established trap
bgpBackwardTransition	6	1,2-6	1.3.6.1.2.1.15.7	1.3.6.1.2.1.15.3.1.2	1	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	Juniper BGP down trap
newRoot	6	1	1.3.6.1.2.1.17.0			The newRoot trap indicates that the sending agent has become the new root of the Spanning Tree; the trap is sent by a bridge soon after its election as the new root, e.g., upon expiration of the Topology Change Timer, immediately subsequent to its election. Implementation of this trap is optional.	Juniper new root trap

Table 10-18 Juniper Netscreen V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
topologyChange	6	2	1.3.6.1.2.1.17.0			A topologyChange trap is sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state. The trap is not sent if a newRoot trap is sent for the same transition. Implementation of this trap is optional.	Juniper Spanning Tree Topology Changed
entConfigChange	6	1	1.3.6.1.2.1.47.2.0			An entConfigChange notification is generated when the value of entLastChangeTime changes. It can be utilized by an NMS to trigger logical/physical entity table maintenance polls. An agent should not generate more than one entConfigChange 'notification-event' in a given time interval (five seconds is the suggested default). A 'notification-event' is the transmission of a single trap or inform PDU to a list of notification destinations. If additional configuration changes occur within the throttling period, then notification-events for these changes should be suppressed by the agent until the current throttling period expires. At the end of a throttling period, one notification-event should be generated if any configuration changes occurred since the start of the throttling period. In such a case, another throttling period is started right away. An NMS should periodically check the value of entLastChangeTime to detect any missed entConfigChange notification-events, e.g., due to throttling or transmission loss.	Juniper Entity table configuration changed

Juniper Netscreen V2 Traps

Table 10-19 lists the Juniper Netscreen V2 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see Table 10-46.

Table 10-19 Juniper Netscreen V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
logfull	1.3.6.1.4.1.3224.0.100	1.3.6.1.4.1.3224.2.1	24	This trap indicates that some kind of hardware problem has occurred	logfull
devicedead	1.3.6.1.4.1.3224.0.100	1.3.6.1.4.1.3224.2.1	19	This trap indicates that some kind of hardware problem has occurred	devicedead
genericHWfail	1.3.6.1.4.1.3224.0.100	1.3.6.1.4.1.3224.2.1	22	This trap indicates that some kind of hardware problem has occurred	genericHWfail
cpuhigh	1.3.6.1.4.1.3224.0.100	1.3.6.1.4.1.3224.2.1	30	This trap indicates that some kind of hardware problem has occurred	cpuhigh
lowmemory	1.3.6.1.4.1.3224.0.100	1.3.6.1.4.1.3224.2.1	20	This trap indicates that some kind of hardware problem has occurred	lowmemory
highavailability	1.3.6.1.4.1.3224.0.200	1.3.6.1.4.1.3224.2.1	15	This trap indicates that some kind of firewall functions has been triggered.	highavailability
dstipsessionlimit	1.3.6.1.4.1.3224.0.200	1.3.6.1.4.1.3224.2.1	430	This trap indicates that some kind of firewall functions has been triggered.	dstipsessionlimit
nsrp vsd master	1.3.6.1.4.1.3224.0.600	1.3.6.1.4.1.3224.2.1	71	This trap indicates that NSRP status has occurred.	nsrp vsd master
nsrp vsd backup	1.3.6.1.4.1.3224.0.600	1.3.6.1.4.1.3224.2.1	73	This trap indicates that NSRP status has occurred.	nsrp vsd backup
nsrp rto up	1.3.6.1.4.1.3224.0.600	1.3.6.1.4.1.3224.2.1	60	This trap indicates that NSRP status has occurred.	nsrp rto up
nsrp rto down	1.3.6.1.4.1.3224.0.600	1.3.6.1.4.1.3224.2.1	61	This trap indicates that NSRP status has occurred.	nsrp rto down

Table 10-19 Juniper Netscreen V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfIfStateChange	.1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Down
ospfIfStateChange	.1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	!= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Up
ospfVirtIfStateChange	.1.3.6.1.2.1.14.16.2.1	NA	NA	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual interface. This trap should be generated when the inter-face state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	Juniper OSPF virtual interface state changed to Down
ospfNbrStateChange	.1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.1.0.1.6	!= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state down
ospfNbrStateChange	.1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.1.0.1.6	= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state up

Table 10-19 Juniper Netscreen V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.1.1.5	!= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state down
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.1.1.5	= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state up
ospfIfConfigError	.1.3.6.1.2.1.14.16.2.4	NA	NA	An ospfIfConfigError trap signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF interface configuration error
ospfVirtIfConfigError	.1.3.6.1.2.1.14.16.2.5	NA	NA	An ospfConfigError trap signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF virtual interface configuration error
ospfIfAuthFailure	.1.3.6.1.2.1.14.16.2.6	NA	NA	An ospfIfAuthFailure trap signifies that a packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF interface authentication failure
ospfVirtIfAuthFailure	.1.3.6.1.2.1.14.16.2.7	NA	NA	An ospfVirtIfAuthFailure trap signifies that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF virtual interface authentication failure

Table 10-19 Juniper Netscreen V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfIfRxBadPacket	.1.3.6.1.2.1.14.16.2.8	NA	NA	An ospfIfRxBadPacket trap signifies that an OSPF packet has been received on a non-virtual interface that cannot be parsed.	Juniper OSPF bad packet received
ospfVirtIfRxBadPacket	.1.3.6.1.2.1.14.16.2.9	NA	NA	An ospfRxBadPacket trap signifies that an OSPF packet has been received on a virtual interface that cannot be parsed.	Juniper OSPF bad packet received on virtual interface
ospfTxRetransmit	.1.3.6.1.2.1.14.16.2.10	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a non-virtual interface.	Juniper OSPF packet retransmitted
ospfVirtIfTxRetransmit	.1.3.6.1.2.1.14.16.2.11	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a virtual interface.	Juniper OSPF packet retransmitted on virtual interface
ospfOriginateLsa	.1.3.6.1.2.1.14.16.2.12	NA	NA	An ospfOriginateLsa trap signifies that a new LSA has been originated by this router. This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.	Juniper OSPF new LSA originated
ospfMaxAgeLsa	.1.3.6.1.2.1.14.16.2.13	NA	NA	An ospfMaxAgeLsa trap signifies that one of the LSA in the router's link-state database has aged to MaxAge.	Juniper OSPF LSA aged to MaxAge
bgpBackwardTransition	.1.3.6.1.2.1.15.7.2	NA	NA	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	Juniper BGP down trap
bgpEstablished	.1.3.6.1.2.1.15.7.1	1.3.6.1.2.1.15.3.1.2	= 6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	Juniper BGP established trap

Table 10-19 *Juniper Netscreen V2 Traps (Continued)*

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
newRoot	1.3.6.1.2.1.17.0.1			The newRoot trap indicates that the sending agent has become the new root of the Spanning Tree; the trap is sent by a bridge soon after its election as the new root, e.g., upon expiration of the Topology Change Timer, immediately subsequent to its election. Implementation of this trap is optional.	Juniper new root trap
topologyChange	1.3.6.1.2.1.17.0.2			A topologyChange trap is sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state. The trap is not sent if a newRoot trap is sent for the same transition. Implementation of this trap is optional.	Juniper Spanning Tree Topology Changed

Table 10-19 Juniper Netscreen V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
entConfigChange	.1.3.6.1.2.1.47.2.0.1			An entConfigChange notification is generated when the value of entLastChangeTime changes. It can be utilized by an NMS to trigger logical/physical entity table maintenance polls. An agent should not generate more than one entConfigChange 'notification-event' in a given time interval (five seconds is the suggested default). A 'notification-event' is the transmission of a single trap or inform PDU to a list of notification destinations. If additional configuration changes occur within the throttling period, then notification-events for these changes should be suppressed by the agent until the current throttling period expires. At the end of a throttling period, one notification-event should be generated if any configuration changes occurred since the start of the throttling period. In such a case, another throttling period is started right away. An NMS should periodically check the value of entLastChangeTime to detect any missed entConfigChange notification-events, e.g., due to throttling or transmission loss.	Juniper Entity table configuration changed
coldStart	1.3.6.1.6.3.1.1.5.1			A coldStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration may have been altered.	Juniper Cold start trap
warmStart	1.3.6.1.6.3.1.1.5.2			A warmStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself such that its configuration is unaltered.	Juniper Warm start trap

Table 10-19 *Juniper Netscreen V2 Traps (Continued)*

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
linkDown	1.3.6.1.6.3.1.1.5.3			A linkDown trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper Line down trap
linkUp	1.3.6.1.6.3.1.1.5.4			A linkUp trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into some other state (but not into the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper Line up trap
authentication Failure	1.3.6.1.6.3.1.1.5.5			An authenticationFailure trap signifies that the SNMP entity has received a protocol message that is not properly authenticated. While all implementations of SNMP entities MAY be capable of generating this trap, the snmpEnableAuthenTraps object indicates whether this trap will be generated.	Juniper SNMP authentication failure

Juniper T-Series V1 Traps

Juniper T-Series V1 traps supported in Cisco ANA is the same as the Juniper M-Series V1 traps. For more details on the Juniper M-Series V1 traps see [Table 10-14](#).

Juniper T-Series V2 Traps

Juniper T-Series V2 traps supported in Cisco ANA is the same as the Juniper M-Series V2 traps. For more details on the Juniper M-Series V2 traps see [Table 10-15](#).

Juniper JCS-Series V1 Traps

[Table 10-20](#) lists the Juniper JCS-Series V1 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see [Table 10-47](#).

Table 10-20 JCS V1 Traps

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtIfStateChange	6	1	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual interface. This trap should be generated when the inter-face state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	Juniper OSPF virtual interface state changed to Down
ospfNbrStateChange	6	2	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.10.1.6	!= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state down
ospfNbrStateChange	6	2	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.10.1.6	= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state up

Table 10-20 JCS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtNbrStateChange	6	3	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.11.1.5	!= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state down
ospfVirtNbrStateChange	6	3	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.11.1.5	= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state up
ospfIfConfigError	6	4	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfConfigError trap signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF interface configuration error
ospfVirtIfConfigError	6	5	1.3.6.1.2.1.14.16.2	NA	NA	An ospfConfigError trap signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF virtual interface configuration error
ospfIfAuthFailure	6	6	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfAuthFailure trap signifies that a packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF interface authentication failure
ospfVirtIfAuthFailure	6	7	1.3.6.1.2.1.14.16.2	NA	NA	An ospfVirtIfAuthFailure trap signifies that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF virtual interface authentication failure

Table 10-20 JCS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfIfRxBadPacket	6	8	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfRxBadPacket trap signifies that an OSPF packet has been received on a non-virtual interface that cannot be parsed.	Juniper OSPF bad packet received
ospfVirtIfRxBadPacket	6	9	1.3.6.1.2.1.14.16.2	NA	NA	An ospfRxBadPacket trap signifies that an OSPF packet has been received on a virtual interface that cannot be parsed.	Juniper OSPF bad packet received on virtual interface
ospfTxRetransmit	6	10	1.3.6.1.2.1.14.16.2	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a non-virtual interface.	Juniper OSPF packet retransmitted
ospfVirtIfTxRetransmit	6	11	1.3.6.1.2.1.14.16.2	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a virtual interface.	Juniper OSPF packet retransmitted on virtual interface
ospfOriginateLsa	6	12	1.3.6.1.2.1.14.16.2	NA	NA	An ospfOriginateLsa trap signifies that a new LSA has been originated by this router. This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.	Juniper OSPF new LSA originated
ospfMaxAgeLsa	6	13	1.3.6.1.2.1.14.16.2	NA	NA	An ospfMaxAgeLsa trap signifies that one of the LSA in the router's link-state database has aged to MaxAge.	Juniper OSPF LSA aged to MaxAge
ospfIfStateChange	6	16	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.7.1.12	= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Down

Table 10-20 JCS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfIfStateChange	6	16	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.7.1.12	!= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtualOSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Up
bgpEstablished	6	1,2-6	1.3.6.1.2.1.15.7	1.3.6.1.2.1.15.3.1.2	6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	Juniper BGP established trap
bgpBackwardTransition	6	1,2-6	1.3.6.1.2.1.15.7	1.3.6.1.2.1.15.3.1.2	1	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	Juniper BGP down trap
newRoot	6	1	1.3.6.1.2.1.17.0			The newRoot trap indicates that the sending agent has become the new root of the Spanning Tree; the trap is sent by a bridge soon after its election as the new root, e.g., upon expiration of the Topology Change Timer, immediately subsequent to its election. Implementation of this trap is optional.	Juniper new root trap
topologyChange	6	2	1.3.6.1.2.1.17.0			A topologyChange trap is sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state. The trap is not sent if a newRoot trap is sent for the same transition. Implementation of this trap is optional.	Juniper Spanning Tree Topology Changed

Table 10-20 JCS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
entConfigChange	6	1	1.3.6.1.2.1.47.2.0			An entConfigChange notification is generated when the value of entLastChangeTime changes. It can be utilized by an NMS to trigger logical/physical entity table maintenance polls. An agent should not generate more than one entConfigChange 'notification-event' in a given time interval (five seconds is the suggested default). A 'notification-event' is the transmission of a single trap or inform PDU to a list of notification destinations. If additional configuration changes occur within the throttling period, then notification-events for these changes should be suppressed by the agent until the current throttling period expires. At the end of a throttling period, one notification-event should be generated if any configuration changes occurred since the start of the throttling period. In such a case, another throttling period is started right away. An NMS should periodically check the value of entLastChangeTime to detect any missed entConfigChange notification-events, e.g., due to throttling or transmission loss.	Juniper Entity table configuration changed
mplsLspUp	6	1	1.3.6.1.4.1.2636.3.2.4			An mplsLspUp trap signifies that the specified LSP is up. The current active path for the LSP is mplsPathName.	juniper mpls Lsp Up trap
mplsLspDown	6	2	1.3.6.1.4.1.2636.3.2.4			An mplsLspDown trap signifies that the specified LSP is down, because the current active path mplsPathName went down.	juniper mpls Lsp Down trap
mplsLspChange	6	3	1.3.6.1.4.1.2636.3.2.4			An mplsLspChange trap signifies that the specified LSP has switched traffic to the new active path 'toLspPath'. The LSP maintains up state before and after the switch over	juniper mpls Lsp Change trap

Table 10-20 JCS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
mplsLspPathDown	6	4	1.3.6.1.4.1.2636.3.2.4			An mplsLspPathDown trap signifies that the specified path mplsPathName for the specified LSP mplsLspName went down	juniper mpls lsp path down trap
mplsLspPathUp	6	5	1.3.6.1.4.1.2636.3.2.4			An mplsLspPathUp trap signifies that the specified path mplsPathName for the specified LSP mplsLspName came up	juniper mpls lsp path up trap
apsEventSwitchover	6	1	1.3.6.1.4.1.2636.3.2.4.2.0			An apsEventSwitchover notification is sent when the value of an instance of apsChanStatusSwitchovers increments.	juniper aps event switch over trap
apsEventModeMismatch	6	2	1.3.6.1.4.1.2636.3.2.4.2.0			An apsEventModeMismatch notification is sent when the value of an instance of apsStatusModeMismatches increments.	juniper aps event mode mismatch trap
apsEventChannelMismatch	6	3	1.3.6.1.4.1.2636.3.2.4.2.0			An apsEventChannelMismatch notification is sent when the value of an instance of apsStatusChannelMismatches increments.	juniper aps event channel mismatch trap
apsEventPSBF	6	4	1.3.6.1.4.1.2636.3.2.4.2.0			An apsEventPSBF notification is sent when the value of an instance of apsStatusPSBFs increments.	juniper aps event psbf trap
apsEventFEPLF	6	5	1.3.6.1.4.1.2636.3.2.4.2.0			An apsEventFEPLFs notification is sent when the value of an instance of apsStatusFEPLFs increments.	juniper aps event feplf trap
jnxVpnIfUp	6	1	1.3.6.1.4.1.2636.3.2.6.0			A jnxVpnIfUp notification is generated when the interface with index jnxVpnIfIndex belonging to the VPN named jnxVpnIfVpnName of type jnxVpnIfVpnType transitions out of the 'down' state.	Juniper VPN Interface Up
jnxVpnIfDown	6	2	1.3.6.1.4.1.2636.3.2.6.0			A jnxVpnIfDown notification is generated when the interface with index jnxVpnIfIndex belonging to the VPN named jnxVpnIfVpnName of type jnxVpnIfVpnType transitions to the 'down' state.	Juniper VPN Interface Down

Table 10-20 JCS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxVpnPwUp	6	3	1.3.6.1.4.1.2636.3.2.6.0			A jnxVpnPwUp notification is generated when the Pseudo-Wire with index jnxVpnPwIndex belonging to the VPN named jnxVpnPwVpnName of type jnxVpnPwVpnType transitions out of the 'down' state.	juniper vpn power up trap
jnxVpnPwDown	6	4	1.3.6.1.4.1.2636.3.2.6.0			A jnxVpnPwDown notification is generated when the Pseudo-Wire with index jnxVpnPwIndex belonging to the VPN named VpnPwVpnName of type jnxVpnPwVpnType transitions to the 'down' state.	juniper vpn power down trap
jnxPowerSupplyFailure	6	1	1.3.6.1.4.1.2636.4.1			A jnxFruPowerOff trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered off in the chassis.	juniper power supply failure Trap
jnxFanFailure	6	2	1.3.6.1.4.1.2636.4.1			A jnxFanFailure trap signifies that the SNMP entity, acting in an agent role, has detected that the specified cooling fan or impeller in the chassis has been in the failure (not spinning) condition.	juniper fan failure Trap
jnxOverTemperature	6	3	1.3.6.1.4.1.2636.4.1			A jnxOverTemperature trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has experienced over temperature condition.	juniper over temperature Trap
jnxRedundancySwitchover	6	4	1.3.6.1.4.1.2636.4.1			A jnxRedundancySwitchover trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has experienced a redundancy switchover event defined as a change in state of jnxRedundancyState from master to backup or vice versa.	juniper redundancy switch over Trap

Table 10-20 JCS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxFruRemoval	6	5	1.3.6.1.4.1.2636.4.1			A jnxFruRemoval trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been removed from the chassis.	Card Out trap
jnxFruInsertion	6	6	1.3.6.1.4.1.2636.4.1			A jnxFruInsertion trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been inserted into the chassis.	Card In trap
jnxFruPowerOff	6	7	1.3.6.1.4.1.2636.4.1			A jnxFruPowerOff trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered off in the chassis.	Card Down Trap
jnxFruPowerOn	6	8	1.3.6.1.4.1.2636.4.1			A jnxFruPowerOn trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered on in the chassis.	Card Up Trap
jnxFruFailed	6	9	1.3.6.1.4.1.2636.4.1			This indicates the specified FRU (Field Replaceable Unit) has failed in the chassis. Most probably this is due to some hard error such as fru is not powering up or not able to load kernel. In these cases, fru is replaced.	juniper fru failed Trap
jnxFruOffline	6	10	1.3.6.1.4.1.2636.4.1			A jnxFruOffline trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit)	juniper fru offline Trap
jnxFruOnline	6	11	1.3.6.1.4.1.2636.4.1			A jnxFruOnline trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has gone online in the chassis.	juniper fru online Trap
jnxFruCheck	6	12	1.3.6.1.4.1.2636.4.1			A jnxFruCheck trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has encountered some operational errors and gone into check state in the chassis.	juniper fru check Trap

Table 10-20 JCS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxSpSvcSetZoneEntered	6	1	1.3.6.1.4.1.2636.4.1.0.0			This indicates a Service PIC has entered a more severe memory-usage zone from a less severe memory usage zone. The zone entered is identified by jnxSpSvcSetIfMemoryZone.	juniper Sp svc set zone entered trap
jnxSpSvcSetZoneExited	6	2	1.3.6.1.4.1.2636.4.1.0.0			This indicates a Service Pic has exited a more severe memory-usage zone to a less severe memory usage zone. The zone exited is identified by jnxSpSvcSetIfMemoryZone.	juniper Sp svc set zone exited trap
jnxSpSvcSetCpuExceeded	6	3	1.3.6.1.4.1.2636.4.1.0.0			This indicates a Service Pic has exceeded its internal threshold for CPU utilization (85%).	juniper Sp svc set cpu exceeded trap
jnxSpSvcSetCpuOk	6	4	1.3.6.1.4.1.2636.4.1.0.0			This indicates a Service Pic has exceeded its internal threshold for CPU utilization (85%).	juniper Sp svc set cpu ok trap
jnxDfcSoftPpsThresholdExceeded	6	1	1.3.6.1.4.1.2636.4.1.1.0			Notification of input packet rate (in packet per second) going beyond the configured limit.	juniper dfc soft pps threshold exceeded trap
jnxDfcSoftPpsUnderThreshold	6	2	1.3.6.1.4.1.2636.4.1.1.0			Notification of input packet rate (in packet per second) dropping back to below the configured limit.	juniper dfc soft pps under threshold trap
jnxDfcHardPpsThresholdExceeded	6	3	1.3.6.1.4.1.2636.4.1.1.0			Notification of input packet rate (in packet per second) going beyond the recommended limit.	juniper dfc hard pps threshold exceeded trap
jnxDfcHardPpsUnderThreshold	6	4	1.3.6.1.4.1.2636.4.1.1.0			Notification of input packet rate (in packet per second) dropping back to below the recommended limit.	juniper dfc hard pps under threshold trap
jnxDfcSoftMemThresholdExceeded	6	5	1.3.6.1.4.1.2636.4.1.1.0			Notification of memory overload condition i.e memory usage is going beyond the configured limit.	juniper dfc soft mem threshold exceeded trap
jnxDfcSoftMemUnderThreshold	6	6	1.3.6.1.4.1.2636.4.1.1.0			Notification of memory usage dropping back to below the configured limit.	juniper dfc soft mem under threshold trap
jnxDfcHardMemThresholdExceeded	6	7	1.3.6.1.4.1.2636.4.1.1.0			Notification of memory overload condition i.e memory usage is going beyond the recommended limit.	juniper dfc hard mem threshold exceeded trap

Table 10-20 JCS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxDfcHardMemUnderThreshold	6	8	1.3.6.1.4.1.2636.4.1.1.0			Notification of memory usage dropping back to below the recommended limit.	juniper dfc hard mem under threshold trap
jnxPowerSupplyOK	6	1	1.3.6.1.4.1.2636.4.2			A jnxPowerSupplyOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified power supply in the chassis has recovered from the failure (bad DC output) condition.	juniper power supply ok trap
jnxFanOK	6	2	1.3.6.1.4.1.2636.4.2			A jnxFanOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified cooling fan or impeller in the chassis has recovered from the failure (not spinning) condition.	juniper fan ok trap
jnxTemperatureOK	6	3	1.3.6.1.4.1.2636.4.2			A jnxTemperatureOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has recovered from over temperature condition.	juniper temperature ok trap
jnxRmonAlarmGetFailure	6	1	1.3.6.1.4.1.2636.4.3.0			The SNMP trap that is generated when the get request for an alarm variable returns an error. The specific error is identified by jnxRmonAlarmGetFailReason.	juniper Rmon alarm get failure trap
jnxRmonGetOk	6	2	1.3.6.1.4.1.2636.4.3.0			The SNMP trap that is generated when the get request for an alarm variable is successful. This is only sent after previous attempts were unsuccessful.	juniper Rmon get ok trap
jnxLdpLspUp	6	1	1.3.6.1.4.1.2636.4.4.0			The SNMP trap that is generated when an LSP comes up.	juniper Ldp Lsp Up trap
jnxLdpLspDown	6	2	1.3.6.1.4.1.2636.4.4.0			The SNMP trap that is generated when the LSP goes down.	juniper Ldp Lsp Down trap
jnxLdpSesUp	6	3	1.3.6.1.4.1.2636.4.4.0			The SNMP trap that is generated when the value of 'mplsLdpSesState' enters the 'operational(5)' state.	juniper ldp session up trap

Table 10-20 JCS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxLdpSesDown	6	4	1.3.6.1.4.1.2636.4.4.0			The SNMP trap that is generated when the value of 'mplsLdpSesState' leaves the 'operational(5)' state. The value of jnxLdpSesDownIf is one of the neighbor's interface. It is the interface associated with the last neighbor when jnxLdpSesDownReason is allAdjacenciesDown (3).	juniper ldp session down trap
jnxCmCfgChange	6	1	1.3.6.1.4.1.2636.4.5.0			Notification of a configuration management event as recorded in jnxCmCfgChgEventTable.	juniper Cm cfg change trap
jnxCmRescueChange	6	2	1.3.6.1.4.1.2636.4.5.0			Notification of the latest rescue configuration change.	juniper Cm rescue change trap
jnxSonetAlarmSet	6	1	1.3.6.1.4.1.2636.4.6.0			Notification of a recently set sonet/sdh alarm.	juniper sonet alarm set trap
jnxSonetAlarmCleared	6	2	1.3.6.1.4.1.2636.4.6.0			Notification of a recently cleared sonet/sdh alarm.	juniper sonet alarm cleared trap
jnxPMonOverloadSet	6	1	1.3.6.1.4.1.2636.4.7.0			Notification of a new overload condition on a Passive Monitoring interface.	juniper PMon overload set trap
jnxPMonOverloadCleared	6	2	1.3.6.1.4.1.2636.4.7.0			Notification of a cleared overload condition on a Passive Monitoring interface.	juniper PMon overload cleared trap
jnxCollUnavailableDest	6	1	1.3.6.1.4.1.2636.4.8.0			Notification of an unavailable destination failure encountered while transferring a collector file.	juniper coll unavailable dest trap
jnxCollUnavailableDestCleared	6	2	1.3.6.1.4.1.2636.4.8.0			This indicates a previous unavailable destination failure has been resolved.	juniper coll unavailable dest cleared trap
jnxCollUnsuccessfulTransfer	6	3	1.3.6.1.4.1.2636.4.8.0			This indicates an error was encountered while attempting a file transfer.	juniper coll unsuccessful transfer trap
jnxCollFlowOverload	6	4	1.3.6.1.4.1.2636.4.8.0			This indicates a soft or hard flow overload condition has been triggered.	juniper coll flow overload trap
jnxCollFlowOverloadCleared	6	5	1.3.6.1.4.1.2636.4.8.0			This indicates a soft or hard flow overload condition has been cleared.	juniper coll flow overload cleared trap

Table 10-20 JCS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxCollMemoryUnavailable	6	6	1.3.6.1.4.1.2636.4.8.0			This indicates a memory unavailable condition has been triggered.	juniper coll memory unavailable trap
jnxCollMemoryAvailable	6	7	1.3.6.1.4.1.2636.4.8.0			This indicates a memory unavailable condition has been cleared.	juniper coll memory available trap
jnxCollFtpSwitchover	6	8	1.3.6.1.4.1.2636.4.8.0			This indicates an FTP server switchover has occurred.	juniper coll ftp switch over trap
jnxPingRttThresholdExceeded	6	1	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the round trip time (jnxPingCtlRttThreshold) exceeds the configured threshold (jnxPingCtlRttThreshold) and the rttThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt threshold exceeded trap
jnxPingRttStdDevThresholdExceeded	6	2	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the standard deviation of the round trip time (jnxPingResultsStdDevRttUs) exceeds the configured threshold (jnxPingCtlRttStdDevThreshold) and the rttStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt std dev threshold exceeded trap
jnxPingRttJitterThresholdExceeded	6	3	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the round trip time jitter (jnxPingResultsMaxRttUs minus jnxPingResultsMinRttUs) exceeds the configured threshold (jnxPingCtlRttJitterThreshold) and the rttJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt jitter threshold exceeded trap
jnxPingEgressThresholdExceeded	6	4	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the egress time (jnxPingResultsEgressUs) exceeds the configured threshold (jnxPingCtlEgressTimeThreshold) and the egressThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress threshold exceeded trap

Table 10-20 JCS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxPingEgressStdDevThresholdExceeded	6	5	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the standard deviation of the egress time (jnxPingResultsStddevEgressUs) exceeds the configured threshold (jnxPingCtlEgressStdDevThreshold) and the egressStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress std dev threshold exceeded trap
jnxPingEgressJitterThresholdExceeded	6	6	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the egress time jitter (jnxPingResultsMaxEgressUs minus jnxPingResultsMinEgressUs) exceeds the configured threshold (jnxPingCtlEgressJitterThreshold) and the egressJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress jitter threshold exceeded trap
jnxPingIngressThresholdExceeded	6	7	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the ingress time (jnxPingResultsIngressUs) exceeds the configured threshold (jnxPingCtlIngressTimeThreshold) and the ingressThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress threshold exceeded trap
jnxPingIngressStddevThresholdExceeded	6	8	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the standard deviation of the ingress time (jnxPingResultsStddevIngressUs) exceeds the configured threshold (jnxPingCtlIngressStddevThreshold) and the ingressStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress std dev threshold exceeded trap
jnxPingIngressJitterThresholdExceeded	6	9	1.3.6.1.4.1.2636.4.9.0			This notification is generated when the ingress time jitter (jnxPingResultsMaxIngressUs minus jnxPingResultsMinIngressUs) exceeds the configured threshold (jnxPingCtlIngressJitterThreshold) and the ingressJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress jitter threshold exceeded trap
jnxBgpM2Established	6	1	1.3.6.1.4.1.2636.5.1.1.1.0			The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	juniper bgp M2 established trap

Table 10-20 JCS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxBgpM2BackwardTransition	6	2	1.3.6.1.4.1.2636.5.1.1.1.0			The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	juniper bgp M2 backward transition trap
coldStart	1		1.3.6.1.6.3.1.1.5			A coldStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration may have been altered.	Juniper Cold start trap
warmStart	2		1.3.6.1.6.3.1.1.5			A warmStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself such that its configuration is unaltered.	Juniper Warm start trap
linkDown	3		1.3.6.1.6.3.1.1.5			A linkDown trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper Line down trap
linkUp	4		1.3.6.1.6.3.1.1.5			A linkUp trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into some other state (but not into the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper Line up trap
authenticationFailure	5		1.3.6.1.6.3.1.1.5			An authenticationFailure trap signifies that the SNMP entity has received a protocol message that is not properly authenticated. While all implementations of SNMP entities MAY be capable of generating this trap, the snmpEnableAuthenTraps object indicates whether this trap will be generated.	Juniper SNMP authentication failure

Table 10-20 JCS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospf-lsdb-approaching-overflow	6	16	1.3.6.1.2.1.14.16.2.15			ospf lsdb approaching overflow trap	Juniper OSPF lsdb approaching overflow trap
ospf-lsdb-overflow	6	14	1.3.6.1.2.1.14.16.2.14			ospf lsdb overflow trap	Juniper OSPF lsdb approaching overflow trap
tcp connection table	6	0	1.3.6.1.2.1.6.13.1			tcp connection table2 trap - DUMP	Juniper TCP connection table trap

Juniper JCS-Series V2 Traps

[Table 10-21](#) lists the Juniper JCS-Series V2 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see [Table 10-47](#).

Table 10-21 JCS V2 Traps

Trap Name	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfIfStateChange	1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Down
ospfIfStateChange	1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	!= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	Juniper OSPF interface state changed to Up

Table 10-21 JCS V2 Traps (Continued)

Trap Name	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtIfStateChange	.1.3.6.1.2.1.14.16.2.1	NA	NA	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual interface. This trap should be generated when the inter-face state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	Juniper OSPF virtual interface state changed to Down
ospfNbrStateChange	.1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.10.1.6	!= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state down
ospfNbrStateChange	.1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.10.1.6	= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Juniper OSPF neighbor state up
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.11.1.5	!= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state down
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.11.1.5	= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	Juniper OSPF virtual neighbor state up
ospfIfConfigError	.1.3.6.1.2.1.14.16.2.4	NA	NA	An ospfIfConfigError trap signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF interface configuration error

Table 10-21 JCS V2 Traps (Continued)

Trap Name	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtIfConfigError	.1.3.6.1.2.1.14.16.2.5	NA	NA	An ospfConfigError trap signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	Juniper OSPF virtual interface configuration error
ospfIfAuthFailure	.1.3.6.1.2.1.14.16.2.6	NA	NA	An ospfIfAuthFailure trap signifies that a packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF interface authentication failure
ospfVirtIfAuthFailure	.1.3.6.1.2.1.14.16.2.7	NA	NA	An ospfVirtIfAuthFailure trap signifies that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	Juniper OSPF virtual interface authentication failure
ospfIfRxBadPacket	.1.3.6.1.2.1.14.16.2.8	NA	NA	An ospfIfRxBadPacket trap signifies that an OSPF packet has been received on a non-virtual interface that cannot be parsed.	Juniper OSPF bad packet received
ospfVirtIfRxBadPacket	.1.3.6.1.2.1.14.16.2.9	NA	NA	An ospfRxBadPacket trap signifies that an OSPF packet has been received on a virtual interface that cannot be parsed.	Juniper OSPF bad packet received on virtual interface
ospfTxRetransmit	.1.3.6.1.2.1.14.16.2.10	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a non-virtual interface.	Juniper OSPF packet retransmitted
ospfVirtIfTxRetransmit	.1.3.6.1.2.1.14.16.2.11	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a virtual interface.	Juniper OSPF packet retransmitted on virtual interface

Table 10-21 JCS V2 Traps (Continued)

Trap Name	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfOriginateLsa	.1.3.6.1.2.1.14.16.2.12	NA	NA	An ospfOriginateLsa trap signifies that a new LSA has been originated by this router. This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.	Juniper OSPF new LSA originated
ospfMaxAgeLsa	.1.3.6.1.2.1.14.16.2.13	NA	NA	An ospfMaxAgeLsa trap signifies that one of the LSA in the router's link-state database has aged to MaxAge.	Juniper OSPF LSA aged to MaxAge
bgpBackwardTransition	.1.3.6.1.2.1.15.7.2	NA	NA	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	Juniper BGP established trap
bgpEstablished	.1.3.6.1.2.1.15.7.1	1.3.6.1.2.1.15.3.1.2	= 6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	Juniper BGP down trap
newRoot	1.3.6.1.2.1.17.0.1			The newRoot trap indicates that the sending agent has become the new root of the Spanning Tree; the trap is sent by a bridge soon after its election as the new root, e.g., upon expiration of the Topology Change Timer, immediately subsequent to its election. Implementation of this trap is optional.	Juniper new root trap
topologyChange	1.3.6.1.2.1.17.0.2			A topologyChange trap is sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state. The trap is not sent if a newRoot trap is sent for the same transition. Implementation of this trap is optional.	Juniper Spanning Tree Topology Changed

Table 10-21 JCS V2 Traps (Continued)

Trap Name	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
entConfigChange				An entConfigChange notification is generated when the value of entLastChangeTime changes. It can be utilized by an NMS to trigger logical/physical entity table maintenance polls. An agent should not generate more than one entConfigChange 'notification-event' in a given time interval (five seconds is the suggested default). A 'notification-event' is the transmission of a single trap or inform PDU to a list of notification destinations. If additional configuration changes occur within the throttling period, then notification-events for these changes should be suppressed by the agent until the current throttling period expires. At the end of a throttling period, one notification-event should be generated if any configuration changes occurred since the start of the throttling period. In such a case, another throttling period is started right away. An NMS should periodically check the value of entLastChangeTime to detect any missed entConfigChange notification-events, e.g., due to throttling or transmission loss.	Juniper Entity table configuration changed
mplsLspUp	1.3.6.1.4.1.2636.3.2.4.1			An mplsLspUp trap signifies that the specified LSP is up. The current active path for the LSP is mplsPathName.	juniper mpls Lsp Up trap
mplsLspDown	1.3.6.1.4.1.2636.3.2.4.2			An mplsLspDown trap signifies that the specified LSP is down, because the current active path mplsPathName went down.	juniper mpls Lsp Down trap
mplsLspChange	1.3.6.1.4.1.2636.3.2.4.3			An mplsLspChange trap signifies that the specified LSP has switched traffic to the new active path 'toLspPath'. The LSP maintains up state before and after the switch over	juniper mpls Lsp Change trap
mplsLspPathDown	1.3.6.1.4.1.2636.3.2.4.4			An mplsLspPathDown trap signifies that the specified path mplsPathName for the specified LSP mplsLspName went down	juniper mpls lsp path down trap
mplsLspPathUp	1.3.6.1.4.1.2636.3.2.4.5			An mplsLspPathUp trap signifies that the specified path mplsPathName for the specified LSP mplsLspName came up	juniper mpls lsp path up trap
apsEventSwitchover	1.3.6.1.4.1.2636.3.24.2.0.1			An apsEventSwitchover notification is sent when the value of an instance of apsChanStatusSwitchovers increments.	juniper aps event switch over trap

Table 10-21 JCS V2 Traps (Continued)

Trap Name	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
apsEventModeMismatch	1.3.6.1.4.1.26 36.3.24.2.0.2			An apsEventModeMismatch notification is sent when the value of an instance of apsStatusModeMismatches increments.	juniper aps event mode mismatch trap
apsEventChannelMismatch	1.3.6.1.4.1.26 36.3.24.2.0.3			An apsEventChannelMismatch notification is sent when the value of an instance of apsStatusChannelMismatches increments.	juniper aps event channel mismatch trap
apsEventPSBF	1.3.6.1.4.1.26 36.3.24.2.0.4			An apsEventPSBF notification is sent when the value of an instance of apsStatusPSBFs increments.	juniper aps event psbf trap
apsEventFEPLF	1.3.6.1.4.1.26 36.3.24.2.0.5			An apsEventFEPLFs notification is sent when the value of an instance of apsStatusFEPLFs increments.	juniper aps event feplf trap
jnxVpnIfUp	1.3.6.1.4.1.26 36.3.26.0.1			A jnxVpnIfUp notification is generated when the interface with index jnxVpnIfIndex belonging to the VPN named jnxVpnIfVpnName of type jnxVpnIfVpnType transitions out of the 'down' state.	Juniper VPN Interface Up
jnxVpnIfDown	1.3.6.1.4.1.26 36.3.26.0.2			A jnxVpnIfDown notification is generated when the interface with index jnxVpnIfIndex belonging to the VPN named jnxVpnIfVpnName of type jnxVpnIfVpnType transitions to the 'down' state.	Juniper VPN Interface Down
jnxVpnPwUp	1.3.6.1.4.1.26 36.3.26.0.3			A jnxVpnPwUp notification is generated when the Pseudo-Wire with index jnxVpnPwIndex belonging to the VPN named jnxVpnPwVpnName of type jnxVpnPwVpnType transitions out of the 'down' state.	juniper vpn power up trap
jnxVpnPwDown	1.3.6.1.4.1.26 36.3.26.0.4			A jnxVpnPwDown notification is generated when the Pseudo-Wire with index jnxVpnPwIndex belonging to the VPN named VpnPwVpnName of type jnxVpnPwVpnType transitions to the 'down' state.	juniper vpn power down trap
jnxPowerSupplyFailure	1.3.6.1.4.1.26 36.4.1.1			A jnxFruPowerOff trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered off in the chassis.	juniper power supply failure Trap
jnxFruOffline	1.3.6.1.4.1.26 36.4.1.10			A jnxFruOffline trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit)	juniper fru offline Trap

Table 10-21 JCS V2 Traps (Continued)

Trap Name	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxFruOnline	1.3.6.1.4.1.26 36.4.1.11			A jnxFruOnline trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has gone online in the chassis.	juniper fru online Trap
jnxFruCheck	1.3.6.1.4.1.26 36.4.1.12			A jnxFruCheck trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has encountered some operational errors and gone into check state in the chassis.	juniper fru check Trap
jnxFanFailure	1.3.6.1.4.1.26 36.4.1.2			A jnxFanFailure trap signifies that the SNMP entity, acting in an agent role, has detected that the specified cooling fan or impeller in the chassis has been in the failure (not spinning) condition.	juniper fan failure Trap
jnxOverTemperature	1.3.6.1.4.1.26 36.4.1.3			A jnxOverTemperature trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has experienced over temperature condition.	juniper over temperature Trap
jnxRedundancySwitchover	1.3.6.1.4.1.26 36.4.1.4			A jnxRedundancySwitchover trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has experienced a redundancy switchover event defined as a change in state of jnxRedundancyState from master to backup or vice versa.	juniper redundancy switch over Trap
jnxFruRemoval	1.3.6.1.4.1.26 36.4.1.5			A jnxFruRemoval trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been removed from the chassis.	juniper fru removal Trap
jnxFruInsertion	1.3.6.1.4.1.26 36.4.1.6			A jnxFruInsertion trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been inserted into the chassis.	juniper fru insertion Trap
jnxFruPowerOff	1.3.6.1.4.1.26 36.4.1.7			A jnxFruPowerOff trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered off in the chassis.	Card Down Trap
jnxFruPowerOn	1.3.6.1.4.1.26 36.4.1.8			A jnxFruPowerOn trap signifies that the SNMP entity, acting in an agent role, has detected that the specified FRU (Field Replaceable Unit) has been powered on in the chassis.	Card Up Trap

Table 10-21 JCS V2 Traps (Continued)

Trap Name	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxFruFailed	1.3.6.1.4.1.26 36.4.1.9			This indicates the specified FRU (Field Replaceable Unit) has failed in the chassis. Most probably this is due to some hard error such as fru is not powering up or not able to load ukernel. In these cases, fru is replaced.	juniper fru failed Trap
jnxSpSvcSetZoneEntered	1.3.6.1.4.1.26 36.4.10.0.1			This indicates a Service PIC has entered a more severe memory-usage zone from a less severe memory usage zone. The zone entered is identified by jnxSpSvcSetIfMemoryZone.	juniper Sp svc set zone entered trap
jnxSpSvcSetZoneExited	1.3.6.1.4.1.26 36.4.10.0.2			This indicates a Service Pic has exited a more severe memory-usage zone to a less severe memory usage zone. The zone exited is identified by jnxSpSvcSetIfMemoryZone.	juniper Sp svc set zone exited trap
jnxSpSvcSetCpuExceeded	1.3.6.1.4.1.26 36.4.10.0.3			This indicates a Service Pic has exceeded its internal threshold for CPU utilization (85%).	juniper Sp svc set cpu exceeded trap
jnxSpSvcSetCpuOk	1.3.6.1.4.1.26 36.4.10.0.4			This indicates a Service Pic has exceeded its internal threshold for CPU utilization (85%).	juniper Sp svc set cpu ok trap
jnxDfcSoftPpsThresholdExceeded	1.3.6.1.4.1.26 36.4.11.0.1			Notification of input packet rate (in packet per second) going beyond the configured limit.	juniper dfc soft pps threshold exceeded trap
jnxDfcSoftPpsUnderThreshold	1.3.6.1.4.1.26 36.4.11.0.2			Notification of input packet rate (in packet per second) dropping back to below the configured limit.	juniper dfc soft pps under threshold trap
jnxDfcHardPpsThresholdExceeded	1.3.6.1.4.1.26 36.4.11.0.3			Notification of input packet rate (in packet per second) going beyond the recommended limit.	juniper dfc hard pps threshold exceeded trap
jnxDfcHardPpsUnderThreshold	1.3.6.1.4.1.26 36.4.11.0.4			Notification of input packet rate (in packet per second) dropping back to below the recommended limit.	juniper dfc hard pps under threshold trap

Table 10-21 JCS V2 Traps (Continued)

Trap Name	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxDfcSoftMemThresholdExceeded	1.3.6.1.4.1.2636.4.11.0.5			Notification of memory overload condition i.e memory usage is going beyond the configured limit.	juniper dfc soft mem threshold exceeded trap
jnxDfcSoftMemUnderThreshold	1.3.6.1.4.1.2636.4.11.0.6			Notification of memory usage dropping back to below the configured limit.	juniper dfc soft mem under threshold trap
jnxDfcHardMemThresholdExceeded	1.3.6.1.4.1.2636.4.11.0.7			Notification of memory overload condition i.e memory usage is going beyond the recommended limit.	juniper dfc hard mem threshold exceeded trap
jnxDfcHardMemUnderThreshold	1.3.6.1.4.1.2636.4.11.0.8			Notification of memory usage dropping back to below the recommended limit.	juniper dfc hard mem under threshold trap
jnxPowerSupplyOK	1.3.6.1.4.1.2636.4.2.1			A jnxPowerSupplyOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified power supply in the chassis has recovered from the failure (bad DC output) condition.	juniper power supply ok trap
jnxFanOK	1.3.6.1.4.1.2636.4.2.2			A jnxFanOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified cooling fan or impeller in the chassis has recovered from the failure (not spinning) condition.	juniper fan ok trap
jnxTemperatureOK	1.3.6.1.4.1.2636.4.2.3			A jnxTemperatureOK trap signifies that the SNMP entity, acting in an agent role, has detected that the specified hardware component in the chassis has recovered from over temperature condition.	juniper temperature ok trap
jnxRmonAlarmGetFailure	1.3.6.1.4.1.2636.4.3.0.1			The SNMP trap that is generated when the get request for an alarm variable returns an error. The specific error is identified by jnxRmonAlarmGetFailReason.	juniper Rmon alarm get failure trap
jnxRmonGetOk	1.3.6.1.4.1.2636.4.3.0.2			The SNMP trap that is generated when the get request for an alarm variable is successful. This is only sent after previous attempts were unsuccessful.	juniper Rmon get ok trap

Table 10-21 JCS V2 Traps (Continued)

Trap Name	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxLdpLspUp	1.3.6.1.4.1.26 36.4.4.0.1			The SNMP trap that is generated when an LSP comes up.	juniper Ldp Lsp Up trap
jnxLdpLspDown	1.3.6.1.4.1.26 36.4.4.0.2			The SNMP trap that is generated when the LSP goes down.	juniper Ldp Lsp Down trap
jnxLdpSesUp	1.3.6.1.4.1.26 36.4.4.0.3			The SNMP trap that is generated when the value of 'mplsLdpSesState' enters the 'operational(5) state.	juniper ldp session up trap
jnxLdpSesDown	1.3.6.1.4.1.26 36.4.4.0.4			The SNMP trap that is generated when the value of 'mplsLdpSesState' leaves the 'operational(5) state. The value of jnxLdpSesDownIf is one of the neighbor's interface. It is the interface associated with the last neighbor when jnxLdpSesDownReason is allAdjacenciesDown (3).	juniper ldp session down trap
jnxCmCfgChange	1.3.6.1.4.1.26 36.4.5.0.1			Notification of a configuration management event as recorded in jnxCmCfgChgEventTable.	juniper Cm cfg change trap
jnxCmRescueChange	1.3.6.1.4.1.26 36.4.5.0.2			Notification of the latest rescue configuration change.	juniper Cm rescue change trap
jnxSonetAlarmSet	1.3.6.1.4.1.26 36.4.6.0.1			Notification of a recently set sonet/sdh alarm.	juniper sonet alarm set trap
jnxSonetAlarmCleared	1.3.6.1.4.1.26 36.4.6.0.2			Notification of a recently cleared sonet/sdh alarm.	juniper sonet alarm cleared trap
jnxPMonOverloadSet	1.3.6.1.4.1.26 36.4.7.0.1			Notification of a new overload condition on a Passive Monitoring interface.	juniper PMon overload set trap
jnxPMonOverloadCleared	1.3.6.1.4.1.26 36.4.7.0.2			Notification of a cleared overload condition on a Passive Monitoring interface.	juniper PMon overload cleared trap
jnxCollUnavailableDest	1.3.6.1.4.1.26 36.4.8.0.1			Notification of an unavailable destination failure encountered while transferring a collector file.	juniper coll unavailable dest trap
jnxCollUnavailableDestCleared	1.3.6.1.4.1.26 36.4.8.0.2			This indicates a previous unavailable destination failure has been resolved.	juniper coll unavailable dest cleared trap

Table 10-21 JCS V2 Traps (Continued)

Trap Name	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxCollUnsuccessfulTransfer	1.3.6.1.4.1.26 36.4.8.0.3			This indicates an error was encountered while attempting a file transfer.	juniper coll unsuccessful transfer trap
jnxCollFlowOverload	1.3.6.1.4.1.26 36.4.8.0.4			This indicates a soft or hard flow overload condition has been triggered.	juniper coll flow overload trap
jnxCollFlowOverloadCleared	1.3.6.1.4.1.26 36.4.8.0.5			This indicates a soft or hard flow overload condition has been cleared.	juniper coll flow overload cleared trap
jnxCollMemoryUnavailable	1.3.6.1.4.1.26 36.4.8.0.6			This indicates a memory unavailable condition has been triggered.	juniper coll memory unavailable trap
jnxCollMemoryAvailable	1.3.6.1.4.1.26 36.4.8.0.7			This indicates a memory unavailable condition has been cleared.	juniper coll memory available trap
jnxCollFtpSwitchover	1.3.6.1.4.1.26 36.4.8.0.8			This indicates an FTP server switchover has occurred.	juniper coll ftp switch over trap
jnxPingRttThresholdExceeded	1.3.6.1.4.1.26 36.4.9.0.1			This notification is generated when the round trip time (jnxPingCtlRttThreshold) exceeds the configured threshold (jnxPingCtlRttThreshold) and the rttThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt threshold exceeded trap
jnxPingRttStdDevThresholdExceeded	1.3.6.1.4.1.26 36.4.9.0.2			This notification is generated when the standard deviation of the round trip time (jnxPingResultsStdDevRttUs) exceeds the configured threshold (jnxPingCtlRttStdDevThreshold) and the rttStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt std dev threshold exceeded trap
jnxPingRttJitterThresholdExceeded	1.3.6.1.4.1.26 36.4.9.0.3			This notification is generated when the round trip time jitter (jnxPingResultsMaxRttUs minus jnxPingResultsMinRttUs) exceeds the configured threshold (jnxPingCtlRttJitterThreshold) and the rttJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping rtt jitter threshold exceeded trap

Table 10-21 JCS V2 Traps (Continued)

Trap Name	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxPingEgressThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.4			This notification is generated when the egress time (jnxPingResultsEgressUs) exceeds the configured threshold (jnxPingCtlEgressTimeThreshold) and the egressThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress threshold exceeded trap
jnxPingEgressStdDevThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.5			This notification is generated when the standard deviation of the egress time (jnxPingResultsStddevEgressUs) exceeds the configured threshold (jnxPingCtlEgressStdDevThreshold) and the egressStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress std dev threshold exceeded trap
jnxPingEgressJitterThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.6			This notification is generated when the egress time jitter (jnxPingResultsMaxEgressUs minus jnxPingResultsMinEgressUs) exceeds the configured threshold (jnxPingCtlEgressJitterThreshold) and the egressJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping egress jitter threshold exceeded trap
jnxPingIngressThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.7			This notification is generated when the ingress time (jnxPingResultsIngressUs) exceeds the configured threshold (jnxPingCtlIngressTimeThreshold) and the ingressThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress threshold exceeded trap
jnxPingIngressStddevThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.8			This notification is generated when the standard deviation of the ingress time (jnxPingResultsStddevIngressUs) exceeds the configured threshold (jnxPingCtlIngressStddevThreshold) and the ingressStdDevThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress std dev threshold exceeded trap
jnxPingIngressJitterThresholdExceeded	1.3.6.1.4.1.2636.4.9.0.9			This notification is generated when the ingress time jitter (jnxPingResultsMaxIngressUs minus jnxPingResultsMinIngressUs) exceeds the configured threshold (jnxPingCtlIngressJitterThreshold) and the ingressJitterThreshold bit is set in jnxPingCtlTrapGeneration.	juniper ping ingress jitter threshold exceeded trap
jnxBgpM2Established	1.3.6.1.4.1.2636.5.1.1.1.0.1			The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	juniper bgp M2 established trap

Table 10-21 JCS V2 Traps (Continued)

Trap Name	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
jnxBgpM2BackwardTransition	1.3.6.1.4.1.2636.5.1.1.1.0.2			The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	Juniper bgp M2 backward transition trap
coldStart	1.3.6.1.6.3.1.1.5.1			A coldStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration may have been altered.	Juniper Cold start trap
warmStart	1.3.6.1.6.3.1.1.5.2			A warmStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself such that its configuration is unaltered.	Juniper Warm start trap
linkDown	1.3.6.1.6.3.1.1.5.3			A linkDown trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper Line down trap
linkUp	1.3.6.1.6.3.1.1.5.4			A linkUp trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into some other state (but not into the notPresent state). This other state is indicated by the included value of ifOperStatus.	Juniper Line up trap
authenticationFailure	1.3.6.1.6.3.1.1.5.5			An authenticationFailure trap signifies that the SNMP entity has received a protocol message that is not properly authenticated. While all implementations of SNMP entities MAY be capable of generating this trap, the snmpEnableAuthenTraps object indicates whether this trap will be generated.	Juniper SNMP authentication failure
ospf-lsdb-approaching-overflow	1.3.6.1.2.1.14.16.2.15			ospf lsdb approaching overflow trap	Juniper OSPF lsdb approaching overflow trap

Table 10-21 JCS V2 Traps (Continued)

Trap Name	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospf-lsdb-over flow	1.3.6.1.2.1.14.16.2.14			ospf lsdb overflow trap	Juniper OSPF lsdb approaching overflow trap
tcp connection table	1.3.6.1.2.1.6.13.1			tcp connection table2 trap - DUMP	Juniper TCP connection table trap

RAD ACE V1 Traps

[Table 10-22](#) lists the RAD ACE V1 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see [Table 10-49](#).

Table 10-22 RAD ACE V1 Traps

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
coldStart	0	0	1.3.6.1.6.3.1.1.5.1	NA	NA	A coldStart trap signifies that the SNMP entity, supporting a notification originator application is reinitializing itself and that its configuration may have been altered.	rad Cold start trap
linkDown	2	0	1.3.6.1.6.3.1.1.5	NA	NA	A linkDown trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.	rad link down trap

Table 10-22 RAD ACE V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
linkUp	3	0	1.3.6.1.6.3.1.1.5	NA	NA	A linkUp trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into some other state (but not into the notPresent state). This other state is indicated by the included value of ifOperStatus.	rad link up trap
agnStatusChange Trap	6	2	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.8	3	This trap is sent whenever the state of the entity the agent is responsible for changed to Normal Severity	Agent status normal
agnStatusChange Trap	6	2	1.3.6.1.4.1.164.6.2	1.3.6.1.4.1.164.6.2.8	2,4,6	This trap is sent whenever the state of the entity the agent is responsible for changed to Minor, event and warning severities	Agent status change trap minor
agnStatusChange Trap	6	2	1.3.6.1.4.1.164.6.3	1.3.6.1.4.1.164.6.2.8	1,5,7	This trap is sent whenever the state of the entity the agent is responsible for changed to Major and critical severities	Agent status change trap major
tftpStatusChangeTrap	6	1	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.12.6	2,3,4,5,6,7	This trap is sent whenever the status of tftp changed.	tftp Status Change Trap
authentication Failure	4	0	1.3.6.1.6.3.1.1.5.5	NA	NA	An authenticationFailure trap signifies that the SNMP entity has received a protocol message that is not properly authenticated	rad authentication failure v1
agnFanFailure Trap	6	14	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	3	This trap is sent upon fan failure	agent Fan Failure Trap On
agnFanFailure Trap	6	14	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	2	This trap is sent upon fan recovery	agent Fan Failure Trap Off
licenseUpdate Trap	6	27	1.3.6.1.4.1.164.6.1	NA	NA	This trap is sent whenever a license is successfully downloaded or whenever a license's demo duration is expired.	license update trap
agnClkSrcStateChangeTrap	6	28	1.3.6.1.4.1.164.6.1	NA	NA	The trap is sent upon change in Recovery Clock State.	agent clksrc state change trap
agnClkSrcFrequencyAlarmTrap	6	31	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	3	The trap is sent upon Recovered Clock Frequency alarm On	agent ClkSrc Frequency AlarmTrap On

Table 10-22 RAD ACE V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
agnClkSrcFrequencyAlarmTrap	6	31	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	2	The trap is sent upon Recovered Clock Frequency alarm Off	agent ClkSrc Frequency AlarmTrap Off
agnUploadDataTrap	6	11	1.3.6.1.4.1.164.6.1	NA	NA	This trap is sent upon an upload data session termination	agent upload data trap
agnSelfTestResultChangeTrap	6	29	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	3	The trap is sent upon each change in the result to Failed of a Self State operation.	agent self test result failed
agnSelfTestResultChangeTrap	6	29	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	2	The trap is sent upon each change in the result to passed of a Self State operation.	agent self test result passed
prtStatusChangeTrap	6	3	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.11.1.2	SFP Un-plugged	This trap is sent whenever the state of a ethernet port changed to Un-plugged.	prt Status Un-plugged
prtStatusChangeTrap	6	3	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.11.1.2	SFP Plugged	This trap is sent whenever the state of a ethernet port changed to Plugged.	This trap is sent whenever the state of a ethernet port changed to Plugged.
atmAceAlarm LOS	6	16	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Loss Of Signal Alarm On.	atm AceAlarm LOS On
atmAceAlarm LOS	6	16	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Loss Of Signal Alarm Off.	atm AceAlarm LOS Off
atmAceAlarm LOF	6	17	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Loss Of Frame Alarm On.	atm AceAlarm LOF On
atmAceAlarm LOF	6	17	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Loss Of Frame Alarm Off.	atm AceAlarm LOF Off
atmAceAlarm LCD	6	18	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Loss of Cell Delineation Alarm On.	atm AceAlarm LCD On
atmAceAlarm LCD	6	18	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Loss of Cell Delineation Alarm Off.	atm AceAlarm LCD Off
atmAceAlarm LineAIS	6	21	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Line AIS Alarm On.	atm AceAlarm LineAIS On

Table 10-22 RAD ACE V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
atmAceAlarm LineAIS	6	21	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Line AIS Alarm Off.	atmAceAlarm LineAIS Off
atmAceAlarm LineRDI	6	23	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Line RDI Alarm On	atmAceAlarm LineRDI On
atmAceAlarm LineRDI	6	23	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Line RDI Alarm On	atmAceAlarm LineRDI Off
atmAceAlarm LineFEBE	6	28	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Line Far End Block Error Alarm On	atmAceAlarm LineFEBE On
atmAceAlarm LineFEBE	6	28	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Line Far End Block Error Alarm Off	atmAceAlarm LineFEBE Off
atmAceAlarm VpAISReception	6	41	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates VPAIS Reception Alarm On	atmAceAlarm VpAIS Reception On
atmAceAlarm VpAISReception	6	41	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates VPAIS Reception Alarm Off	atmAceAlarm VpAIS Reception Off
atmAceAlarm VcAISReception	6	57	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates VCAIS Reception on.	atmAceAlarm VcAIS Reception On
atmAceAlarm VcAISReception	6	57	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates VCAIS Reception off.	atmAceAlarm VcAIS Reception Off
atmAceAlarm VpRDIREception	6	42	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates VPRDI Reception on	atmAceAlarm VcAIS Reception On
atmAceAlarm VpRDIREception	6	42	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates VPRDI Reception off.	atmAceAlarm VcAIS Reception Off
atmAceAlarm VcRDIREception	6	58	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates VC RDI Reception on.	atmAceAlarm VcRDI Reception On
atmAceAlarm VcRDIREception	6	58	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates VC RDI Reception off.	atmAceAlarm VcRDI Reception Off
atmAceAlarm VpContinuity Loss	6	40	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Loss of Continuity Check on a VP Connection.	atmAceAlarm VpContinuity Loss On

Table 10-22 RAD ACE V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
atmAceAlarmVpContinuityLoss	6	40	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Continuity on a VP Connection.	atmAceAlarmVpContinuityLoss Off
atmAceAlarmVcContinuityLoss	6	56	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Loss of Continuity Check on a VC Connection.	atmAceAlarmVcContinuityLoss On
atmAceAlarmVcContinuityLoss	6	56	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Continuity on a VC Connection.	atmAceAlarmVcContinuityLoss Off
atmAceAlarmVpLoopback	6	47	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap is sent upon OAM LoopBack fail status per VP.	atmAceAlarmVpLoopback On
atmAceAlarmVpLoopback	6	47	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap is sent upon OAM LoopBack fail status per VP cleared event.	atmAceAlarmVpLoopback Off
atmAceAlarmVcLoopback	6	64	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap is sent upon OAM LoopBack fail status per VC.	atmAceAlarmVcLoopback On
atmAceAlarmVcLoopback	6	64	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap is sent upon OAM LoopBack fail status per VC cleared event.	atmAceAlarmVcLoopback Off
atmImaGroupStatusChangeTrap	6	80	1.3.6.1.4.1.164.6.1.12	NA	NA	This trap indicates IMA Group status change.	atmImaGroupStatusChangeTrap
agnPowerFailureTrap	6	13	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	3	This trap is sent upon power failure.	agent Power Failure
agnPowerFailureTrap	6	13	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	2	This trap is sent upon power Recovery.	agent Power Failure recovery
mplsLdpSessionUp	6	3	1.3.6.1.2.1.10.166.4	NA	NA	This notification is sent when the value of 'mplsLdpSessionState' enters the 'operational' state.	rad MPLS LDP session up Trap
mplsLdpSessionDown	6	4	1.3.6.1.2.1.10.166.4	NA	NA	This notification is sent when the value of 'mplsLdpSessionState' leaves the 'operational' state.	rad MPLS LDP session down Trap
bfdSessUp	6	1	1.3.6.1.4.1.164.20.15	NA	NA	This notification is generated when the bfdSessState object for one or more contiguous entries in bfdSessTable are about to enter the up state from some other state.	bfd Session Up

Table 10-22 RAD ACE V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
bfdSessDown	6	2	1.3.6.1.4.1.164.20.1.5	NA	NA	This notification is generated when the bfdSessState object for one or more contiguous entries in bfdSessTable are about to enter the down or adminDown states from some other state.	bfd Session Down
pwUp	6	2	1.3.6.1.4.1.164.20.1.0	NA	NA	This notification is generated when the pwOperStatus object for one or more contiguous entries in pwTable are about to enter the up state from some other state.	Pseudo wire tunnel up
pwDown	6	1	1.3.6.1.4.1.164.20.1.0	NA	NA	This notification is generated when the pwOperStatus object for one or more contiguous entries in pwTable are about to enter the down state from some other state.	Pseudo wire tunnel down
adslAturRateChangeTrap	6	5	1.3.6.1.2.1.10.94.1.2.2	NA	NA	The ATURs transmit rate has changed trap.	adslAturRate Change Trap
atmAceAlarm SLM	6	19	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Signal Line Mismatch Alarm Off.	atmAceAlarm SLM Off
atmAceAlarm SLM	6	19	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Signal Line Mismatch Alarm On.	atmAceAlarm SLM On
atmAceAlarm LOP	6	20	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Loss of Pointer Alarm Off.	atmAceAlarm LOP Off
atmAceAlarm LOP	6	20	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Loss of Pointer Alarm On.	atmAceAlarm LOP On
atmAceAlarm PathAIS	6	22	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Path AIS Alarm Off.	atmAceAlarm PathAIS Off
atmAceAlarm PathAIS	6	22	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Path AIS Alarm On.	atmAceAlarm PathAIS On
atmAceAlarm PathRDI	6	24	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Path RDIand Path RAI(Yellow) for DS1 interfaces Alarm Off.	atmAceAlarm PathRDI Off
atmAceAlarm PathRDI	6	24	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Path RDIand Path RAI(Yellow) for DS1 interfaces Alarm On.	atmAceAlarm PathRDI On

Table 10-22 RAD ACE V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
atmAceAlarmSectionBIP	6	25	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Section Bit Interleave Parity Alarm Off.	atmAceAlarmSectionBIP Off
atmAceAlarmSectionBIP	6	25	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Section Bit Interleave Parity Alarm On.	atmAceAlarmSectionBIP On
atmAceAlarmLineBIP	6	26	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Line Bit Interleave Parity Alarm Off.	atmAceAlarmLineBIP Off
atmAceAlarmLineBIP	6	26	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Line Bit Interleave Parity Alarm On.	atmAceAlarmLineBIP On
atmAceAlarmPathBIP	6	27	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Path Bit Interleave Parity Alarm Off.	atmAceAlarmPathBIP Off
atmAceAlarmPathBIP	6	27	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Path Bit Interleave Parity Alarm On.	atmAceAlarmPathBIP On
atmAceAlarmPathFEBE	6	29	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	2	This trap indicates Path Far End Block Error Alarm Off.	atmAceAlarmPathFEBE Off
atmAceAlarmPathFEBE	6	29	1.3.6.1.4.1.164.6.1.12	1.3.6.1.4.1.164.6.2.21	3	This trap indicates Path Far End Block Error Alarm On.	atmAceAlarmPathFEBE On
agnStationClkFailureTrap	6	23	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	3	This trap is sent upon Station Clock failure	agent Station Clock Failure
agnStationClkFailureTrap	6	23	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	2	This trap is sent upon Station Clock failure recovery	agent Station Clock Failure recovery
agnCurrClkStateChangeTrap	6	30	1.3.6.1.4.1.164.6.1	NA	NA	The trap is sent upon change in Current Clock State.	agent Current Clock State Change Trap
dot3OamOperStatusChange	6	1	1.3.6.1.4.1.164.3.1.6.1.6	1.3.6.1.2.1.158.1.1.1.2	1,2,3,4,5,6,7,8,9,10	This trap is sent when OAM EFM Link goes Up or Down.	dot3OamOperStatusChange Trap
dot3OamPeerEvent	6	2	1.3.6.1.4.1.164.3.1.6.1.6	NA	NA	This trap is sent when value of dot3OamXPeerState changes from any value to one of the following values: linkFault, dyingGasp, criticalEvent. This trap has no recovery (clearing value).	dot3OamPeerEvent Trap

Table 10-22 RAD ACE V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
hardSyncTrap	6	1	1.3.6.1.4.1.164.6.2.61.2	1.3.6.1.4.1.164.6.2.61.1.1	2	This trap is sent whenever Hard Synchronization process starts	hard Sync Start
hardSyncTrap	6	1	1.3.6.1.4.1.164.6.2.61.2	1.3.6.1.4.1.164.6.2.61.1.1	3	This trap is sent whenever Hard Synchronization process ends	hard Sync End

RAD ETX 204A V1 Traps

Table 10-23 lists the RAD ETX 204A V1 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see Table 10-42.

Table 10-23 RAD ETX 204A V1 Traps

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
coldStart	0	0	1.3.6.1.6.3.1.1.5.1	NA	NA	A coldStart trap signifies that the SNMP entity, supporting a notification originator application is reinitializing itself and that its configuration may have been altered.	rad Cold start trap
linkDown	2	0	1.3.6.1.6.3.1.1.5	NA	NA	A linkDown trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.	rad link down trap

Table 10-23 RAD ETX 204A V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
linkUp	3	0	1.3.6.1.6.3.1.1.5	NA	NA	A linkUp trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into some other state (but not into the notPresent state). This other state is indicated by the included value of ifOperStatus.	rad link up trap
agnStatusChangeTrap	6	2	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.8	3	This trap is sent whenever the state of the entity the agent is responsible for changed to Normal Severity	Agent status normal
agnStatusChangeTrap	6	2	1.3.6.1.4.1.164.6.2	1.3.6.1.4.1.164.6.2.8	2,4,6	This trap is sent whenever the state of the entity the agent is responsible for changed to Minor, event and warning severities.	Agent status change trap minor
agnStatusChangeTrap	6	2	1.3.6.1.4.1.164.6.3	1.3.6.1.4.1.164.6.2.8	1,5,7	This trap is sent whenever the state of the entity the agent is responsible for changed to Major and critical severities.	Agent status change trap major
tftpStatusChangeTrap	6	1	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.12.6	2,3,4,5,6,7	This trap is sent whenever the status of tftp changed.	tftp Status Change Trap
authenticationFailure	4	0	1.3.6.1.6.3.1.1.5.5	NA	NA	An authenticationFailure trap signifies that the SNMP entity has received a protocol message that is not properly authenticated	rad authentication failure v1
prtStatusChangeTrap	6	3	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.11.1.2	SFP Un-plugged	This trap is sent whenever the state of a ethernet port changed to Un-plugged.	prt Status Un-plugged
prtStatusChangeTrap	6	3	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.11.1.2	SFP Plugged	This trap is sent whenever the state of a ethernet port changed to Plugged.	prt Status plugged
agnUploadDataTrap	6	11	1.3.6.1.4.1.164.6.1	NA	NA	This trap is sent upon an upload data session termination.	agent upload data trap
agnFanFailureTrap	6	14	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	3	This trap is sent upon fan failure.	agent Fan Failure Trap On
agnFanFailureTrap	6	14	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	2	This trap is sent upon fan recovery.	agent Fan Failure Trap Off

Table 10-23 RAD ETX 204A V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
agnPowerFailureTrap	6	13	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	3	This trap is sent upon power failure.	agent Power Failure
agnPowerFailureTrap	6	13	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	2	This trap is sent upon power Recovery.	agent Power Failure recovery
risingAlarm	6	1	1.3.6.1.2.1.16	NA	NA	The SNMP trap that is generated when an alarm entry crosses its rising threshold and generates an event that is configured for sending SNMP traps.	rad rising Alarm Trap
fallingAlarm	6	2	1.3.6.1.2.1.16	NA	NA	The SNMP trap that is generated when an alarm entry crosses its falling threshold and generates an event that is configured for sending SNMP traps.	rad falling Alarm Trap
agnDyingGaspTrap	6	36	1.3.6.1.4.1.164.6.1	NA	NA	The trap is sent upon Dying Gasp alarm.	agent Dying Gasp Trap
dot3OamOperStatusChange	6	1	1.3.6.1.4.1.164.3.1.6.1.6	1.3.6.1.2.1.158.1.1.1.2	1,2,3,4,5,6,7,8,9,10	This trap is sent when OAM EFM Link goes Up or Down.	dot3Oam Oper Status Change Trap
dot3OamPeerEvent	6	2	1.3.6.1.4.1.164.3.1.6.1.6	NA	NA	This trap is sent when value of dot3OamXPeerState changes from any value to one of the following values: linkFault, dyingGasp, criticalEvent. This trap has no recovery (clearing value).	dot3Oam Peer Event Trap
agnTempThresholdTrap	6	37	1.3.6.1.4.1.164.6.1	NA	NA	This trap is sent upon temperature threshold.	agn Temp Threshold Trap
csmDomainStateChange	6	33	1.3.6.1.4.1.164.6.1	NA	NA	This trap is sent when csmDomainSysSourceId or csmDomainSysSourceState values have changed.	csm Domain State Change Trap
csmDomainStationStateChange	6	34	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.52.5.1.1.14	3	This trap is sent when csmDomainStationOutSourceState value has changed. Applicable only when device contains station clock connector.	csm Domain Station State Change Trap locked
csmDomainStationStateChange	6	34	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.52.5.1.1.14	2	This trap is sent when csmDomainStationOutSourceState value has changed. Applicable only when device contains station clock connector.	csm Domain Station State Change Trap unlocked

Table 10-23 RAD ETX 204A V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
csmSourceStatusChange	6	35	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.52.5.2.1.11	1,2,3,4	This trap is sent when csmSourceStatus value has changed.	csm Source Status Change Trap
ethOamCfmDefectCondition	6	1	1.3.6.1.4.1.164.3.1.6.1.3	1.3.6.1.4.1.164.3.1.6.1.3.10.1.1	1,2,3,4,5,6,7,8	This trap indicates that a MEP has a persistent defect condition.	eth OamCfm Defect Condition Trap
successfulLogin	6	24	1.3.6.1.4.1.164.6.1	NA	NA	This trap is sent when a user performed successful Login via Terminal/Telnet/Web. This trap is used when the device is located at End-User's premises while management is at Service Provider's premises.	successful Login Trap
failedLogin	6	25	1.3.6.1.4.1.164.6.1	NA	NA	This trap is sent when a user tried to Login via Terminal/Telnet/Web and failed. This trap is used when the device is located at End-User's premises while management is at Service Provider's premises	failed Login Trap

RAD IPmux-4L V1 Traps

Table 10-24 lists the RAD IPmux-4L V1 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see Table 10-42.

Table 10-24 **RAD IPmux-4L V1 Traps**

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
coldStart	0	0	1.3.6.1.6.3.1.1.5.1	NA	NA	A coldStart trap signifies that the SNMP entity, supporting a notification originator application is reinitializing itself and that its configuration may have been altered.	rad Cold start trap
linkDown	2	0	1.3.6.1.6.3.1.1.5	NA	NA	A linkDown trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.	rad link down trap
linkUp	3	0	1.3.6.1.6.3.1.1.5	NA	NA	A linkUp trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into some other state (but not into the notPresent state). This other state is indicated by the included value of ifOperStatus.	rad link up trap
tftpStatusChangeTrap	6	1	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.12.6	2,3,4,5,6,7	This trap is sent whenever the status of tftp changed.	tftp Status Change Trap
authenticationFailure	4	0	1.3.6.1.6.3.1.1.5.5	NA	NA	An authenticationFailure trap signifies that the SNMP entity has received a protocol message that is not properly authenticated	rad authentication failure v1
warmStart	1	1	1.3.6.1.6.3.1.1.5.2	NA	NA	A warmStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself such that its configuration is unaltered	rad warm start v1

Table 10-24 RAD IPmux-4L V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
dacsMuxAlarmsTrap	6	2	1.3.6.1.4.1.164.3.3	1.3.6.1.4.1.164.3.3.1.5.1.1.3	5	This trap is sent when an alarm occurs	dacs Mux Alarms Trap
bundleConnectionStatusTrap	6	15	1.3.6.1.4.1.164.6.1.3	1.3.6.1.2.1.2.2.1.8	2	This trap is sent upon any change in the connectivity status of a Bundle (ip2IfOperStatus).The ifAlias index is the ifIndex of the bundle that its status has been changed.	bundle Connection Status Down
bundleConnectionStatusTrap	6	15	1.3.6.1.4.1.164.6.1.3	1.3.6.1.2.1.2.2.1.8	1	This trap is sent upon any change in the connectivity status of a Bundle (ip2IfOperStatus).The ifAlias index is the ifIndex of the bundle that its status has been changed.	bundle Connection Status Up

RAD LA-210 V1 Traps

[Table 10-25](#) lists the RAD LA-210 V1 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see [Table 10-52](#).

Table 10-25 RAD LA-210 V1 Traps

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
coldStart	0	0	1.3.6.1.6.3.1.1.5.1	NA	NA	A coldStart trap signifies that the SNMP entity, supporting a notification originator application is reinitializing itself and that its configuration may have been altered.	rad Cold start trap
linkDown	2	0	1.3.6.1.6.3.1.1.5	NA	NA	A linkDown trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state).This other state is indicated by the included value of ifOperStatus.	rad link down trap

Table 10-25 RAD LA-210 V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
linkUp	3	0	1.3.6.1.6.3.1.1.5	NA	NA	A linkUp trap signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into some other state (but not into the notPresent state). This other state is indicated by the included value of ifOperStatus.	rad link up trap
agnStatusChange Trap	6	2	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.8	3	This trap is sent whenever the state of the entity the agent is responsible for changed to Normal Severity	Agent status normal
agnStatusChange Trap	6	2	1.3.6.1.4.1.164.6.2	1.3.6.1.4.1.164.6.2.8	2,4,6	This trap is sent whenever the state of the entity the agent is responsible for changed to Minor, event and warning severities	Agent status change trap minor
agnStatusChange Trap	6	2	1.3.6.1.4.1.164.6.3	1.3.6.1.4.1.164.6.2.8	1,5,7	This trap is sent whenever the state of the entity the agent is responsible for changed to Major and critical severities	Agent status change trap major
tftpStatusChangeTrap	6	1	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.12.6	2,3,4,5,6,7	This trap is sent whenever the status of tftp changed.	tftp Status Change Trap
authentication Failure	4	0	1.3.6.1.6.3.1.1.5.5	NA	NA	An authenticationFailure trap signifies that the SNMP entity has received a protocol message that is not properly authenticated	rad authentication failure v1
agnPowerFailureTrap	6	13	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	3	This trap is sent upon power failure	agent Power Failure
agnPowerFailureTrap	6	13	1.3.6.1.4.1.164.6.1	1.3.6.1.4.1.164.6.2.21	2	This trap is sent upon power Recovery	agent Power Failure recovery
agnUploadDataTrap	6	11	1.3.6.1.4.1.164.6.1	NA	NA	This trap is sent upon an upload data session termination	agent upload data trap
risingAlarm	6	1	1.3.6.1.2.1.16	NA	NA	The SNMP trap that is generated when an alarm entry crosses its rising threshold and generates an event that is configured for sending SNMP traps.	rad rising Alarm Trap

Table 10-25 RAD LA-210 V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
fallingAlarm	6	2	1.3.6.1.2.1.16	NA	NA	The SNMP trap that is generated when an alarm entry crosses its falling threshold and generates an event that is configured for sending SNMP traps.	rad falling Alarm Trap
hds12ShdslLoopAttenCrossing	6	1	1.3.6.1.2.1.10.48	NA	NA	This notification indicates that the loop attenuation threshold (as per the hds12ShdslEndpointThreshLoopAttenuation value) has been reached/exceeded for the HDSL2/SHDSL segment endpoint.	rad hds12Shdsl Loop Atten Crossing Trap
hds12ShdslSNRMarginCrossing	6	2	1.3.6.1.2.1.10.48	NA	NA	This notification indicates that the SNR margin threshold (as per the hds12ShdslEndpointThreshSNRMargin value) has been reached/exceeded for the HDSL2/SHDSL segment endpoint.	rad hds12Shdsl SNR Margin Crossing Trap
enrollmentTrap	6	12	1.3.6.1.4.1.164.6.1	NA	NA	This trap is a periodically trap, which sent to manager until Agent get any response (Get or Set) from this manager.	enrollment Trap
ethOamCfmDefectCondition	6	1	1.3.6.1.4.1.164.3.1.6.1.3	NA	NA	This trap indicates that a MEP has a persistent defect condition.	eth OamCfm Defect Condition Trap

Tellabs V1 Traps

Table 10-26 lists the Tellabs V1 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see Table 10-53.

Table 10-26 Tellabs V1 Traps

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtIfStateChange	6	1	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual interface. This trap should be generated when the inter-face state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	tellabs OSPF virtual interface state changed to Down
ospfNbrStateChange	6	2	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.10.1.6	!= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	tellabs OSPF neighbor state down
ospfNbrStateChange	6	2	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.10.1.6	= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	tellabs OSPF neighbor state up
ospfVirtNbrStateChange	6	3	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.11.1.5	!= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	tellabs OSPF virtual neighbor state down

Table 10-26 Tellabs V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtNbrStateChange	6	3	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.11.1.5	= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	tellabs OSPF virtual neighbor state up
ospfIfConfigError	6	4	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfConfigError trap signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	tellabs OSPF interface configuration error
ospfVirtIfConfigError	6	5	1.3.6.1.2.1.14.16.2	NA	NA	An ospfConfigError trap signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	tellabs OSPF virtual interface configuration error
ospfIfAuthFailure	6	6	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfAuthFailure trap signifies that a packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	tellabs OSPF interface authentication failure
ospfVirtIfAuthFailure	6	7	1.3.6.1.2.1.14.16.2	NA	NA	An ospfVirtIfAuthFailure trap signifies that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	tellabs OSPF virtual interface authentication failure
ospfIfRxBadPacket	6	8	1.3.6.1.2.1.14.16.2	NA	NA	An ospfIfRxBadPacket trap signifies that an OSPF packet has been received on a non-virtual interface that cannot be parsed.	tellabs OSPF bad packet received
ospfVirtIfRxBadPacket	6	9	1.3.6.1.2.1.14.16.2	NA	NA	An ospfRxBadPacket trap signifies that an OSPF packet has been received on a virtual interface that cannot be parsed.	tellabs OSPF bad packet received on virtual interface

Table 10-26 Tellabs V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfTxRetransmit	6	10	1.3.6.1.2.1.14.16.2	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a non-virtual interface.	tellabs OSPF packet retransmitted
ospfVirtIfTxRetransmit	6	11	1.3.6.1.2.1.14.16.2	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a virtual interface.	tellabs OSPF packet retransmitted on virtual interface
ospfOriginateLsa	6	12	1.3.6.1.2.1.14.16.2	NA	NA	An ospfOriginateLsa trap signifies that a new LSA has been originated by this router. This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.	tellabs OSPF new LSA originated
ospfMaxAgeLsa	6	13	1.3.6.1.2.1.14.16.2	NA	NA	An ospfMaxAgeLsa trap signifies that one of the LSA in the router's link-state database has aged to MaxAge.	tellabs OSPF LSA aged to MaxAge
ospfIfStateChange	6	16	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.7.1.12	= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	tellabs OSPF interface state changed to Down
ospfIfStateChange	6	16	1.3.6.1.2.1.14.16.2	1.3.6.1.2.1.14.7.1.12	!= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	tellabs OSPF interface state changed to Up
bgpEstablished	6	1,2-6	1.3.6.1.2.1.15.7	1.3.6.1.2.1.15.3.1.2	6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	tellabs BGP established trap

Table 10-26 **Tellabs V1 Traps (Continued)**

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
bgpBackwardTransition	6	1,2-6	1.3.6.1.2.1.15.7	1.3.6.1.2.1.15.3.1.2	1	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	tellabs BGP down trap
newRoot	6	1	1.3.6.1.2.1.17.0			The newRoot trap indicates that the sending agent has become the new root of the Spanning Tree; the trap is sent by a bridge soon after its election as the new root, e.g., upon expiration of the Topology Change Timer, immediately subsequent to its election. Implementation of this trap is optional.	tellabs new root trap

Table 10-26 **Tellabs V1 Traps (Continued)**

Trap Name	Generic Type	Specific Type	Enterprise OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
topologyChange	6	2	1.3.6.1.2.1.17.0			A topologyChange trap is sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state. The trap is not sent if a newRoot trap is sent for the same transition. Implementation of this trap is optional.	tellabs Spanning Tree Topology Changed
entConfigChange	6	1	1.3.6.1.2.1.47.2.0			An entConfigChange notification is generated when the value of entLastChangeTime changes. It can be utilized by an NMS to trigger logical/physical entity table maintenance polls. An agent should not generate more than one entConfigChange 'notification-event' in a given time interval (five seconds is the suggested default). A 'notification-event' is the transmission of a single trap or inform PDU to a list of notification destinations. If additional configuration changes occur within the throttling period, then notification-events for these changes should be suppressed by the agent until the current throttling period expires. At the end of a throttling period, one notification-event should be generated if any configuration changes occurred since the start of the throttling period. In such a case, another throttling period is started right away. An NMS should periodically check the value of entLastChangeTime to detect any missed entConfigChange notification-events, e.g., due to throttling or transmission loss.	tellabs Entity table configuration changed

Tellabs V2 Traps

Table 10-27 lists the Tellabs V2 traps supported in Cisco ANA. For associated event types, event subtypes, and Cisco ANA registry parameters, use the link under Short Description or see Table 10-54.

Table 10-27 Tellabs V2 Traps

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
switchoverDbChangeV2Trap	1.3.6.1.4.1.4641.6.2.102	NA	NA	This event is set when control of the node changes from one CPU to another. It is cleared when the switchover is complete	switchoverDbChangeTrap
nodeSwVerSwitchDbChangeV2Trap	1.3.6.1.4.1.4641.6.2.111	NA	NA	This event is triggered when the partition validation on the active switch card fails causing the node to be restarted.	node Sw Ver Switch DbChangeTrap
nodeSwitchFabricDegradeV2Trap	1.3.6.1.4.1.4641.6.2.112	NA	NA	This event is triggered when the switch fabric enters a degraded state	node Switch FabDegrade trap
nodeUpgradeEndDbChangeV2Trap	1.3.6.1.4.1.4641.6.2.116	NA	NA	This event indicates that a node upgrade has finished MIB Objects: nodeSwOperationInProgress	node Upgrade End Db Change Trap
actSysClkChangeV2Trap	1.3.6.1.4.1.4641.6.2.203	NA	NA	This event is triggered when the system clock source changes. MIB Objects: sysClockCurrentClockSource, sysClockCurrentRevertMode, sysClockCurrentRevertSec	node Upgrade End DbChange trap
sysClkFailedV2Trap	1.3.6.1.4.1.4641.6.2.204	NA	NA	This event is set when the system clock has switched to an internal clock and is cleared when the system clock is no longer using the internal clock.	sysClk Failed Trap
tempExceededV2Trap	1.3.6.1.4.1.4641.6.2.205	NA	NA	This event is triggered when a temperature threshold is exceeded. It is cleared when the temperature falls below the threshold	temp Exceeded Trap
i2cFailureV2Trap	1.3.6.1.4.1.4641.6.2.215	NA	NA	This event is set when an I2C failure is detected. It is cleared when the I2C failure has been resolved.	i2c Failure Trap
mgmtIpUpV2Trap	1.3.6.1.4.1.4641.6.2.217	NA	NA	This event is triggered when the management IP interface comes up.	mgmtIp Up Trap
ntpAdminChangeDbChangeV2Trap_enabled (1)	1.3.6.1.4.1.4641.6.2.219	NA	NA	This event is triggered when NTP administrative state is changed	ntpAdminChangeDbChangeTrap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
panelUnpluggedV2Trap	1.3.6.1.4.1.4641.6.2.233	NA	NA	This event is set when the system panel is unplugged. It is cleared when the system panel is plugged in.	panel Unplugged Trap
fanFailV2Trap	1.3.6.1.4.1.4641.6.2.350	NA	NA	This event is set when a fan failure is detected. It is cleared when the fan becomes operational.	fan Fail Trap
fanUnplugV2Trap	1.3.6.1.4.1.4641.6.2.351	NA	NA	This event is set when a fan is unplugged. It is cleared when the fan becomes operational	fan Unplug Trap
powerOutageV2Trap	1.3.6.1.4.1.4641.6.2.376	NA	NA	This event is set when a shelf power outage has occurred. An outage occurs when both A and B power sources to a single feed have no power. It is cleared when one of the two sources is restored.	power Outage Trap
powerFailureV2Trap	1.3.6.1.4.1.4641.6.2.388	NA	NA	This event is set when a shelf power failure has been detected. This failure occurs if one of two power sources to a single power feed has failed. It is cleared when the failed source is restored or a power outage is asserted.	power Failure Trap
cardInsertedV2Trap	1.3.6.1.4.1.4641.6.2.502	NA	NA	This event is triggered when a card is inserted	card inserted trap
cardRemovedV2Trap	1.3.6.1.4.1.4641.6.2.503	NA	NA	This event is triggered when a card is removed	card Removed Trap
cardAdminStateChangedV2Trap_enabled (1)	1.3.6.1.4.1.4641.6.2.504	NA	NA	This event is triggered when a card's administrative state is changed	card AdminStateChanged Trap
cardMismatchedV2Trap	1.3.6.1.4.1.4641.6.2.505	NA	NA	This event is triggered when a card type mismatch is detected	card Mismatched Trap
cardOnlineV2Trap	1.3.6.1.4.1.4641.6.2.506	NA	NA	This event is triggered when a card operational state changes to UP	card online trap
cardFailedV2Trap	1.3.6.1.4.1.4641.6.2.507	NA	NA	This event is set when a card failure is detected. It is cleared when the card is removed or the fault is cleared.	card Failed Trap
cardSwVersionMismatchedV2Trap	1.3.6.1.4.1.4641.6.2.509	NA	NA	This event is set when a software version mismatch is detected. It is cleared when a correct version of the software is loaded.	card SwVer Mismatched Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
enabledCardRemovedV2Trap	1.3.6.1.4.1.4641.6.2.511	NA	NA	This event is triggered when a card which was enabled is removed	enabled Card Removed Trap
cardOffLineV2Trap	1.3.6.1.4.1.4641.6.2.516	NA	NA	This event is triggered when a card operational state changes to DOWN	card OffLine Trap
cardTxClkFailV2Trap	1.3.6.1.4.1.4641.6.2.518	NA	NA	This event is triggered when a line card's Tx clock has failed forcing it to use the non-active SC reference clock.	card TxClk Fail Trap
sCardRefClkFailV2Trap	1.3.6.1.4.1.4641.6.2.519	NA	NA	This event is triggered when all operational line card's have determined that the active SC has a bad reference clock.	sCard RefClk Fail Trap
sCardRefClkDiffV2Trap	1.3.6.1.4.1.4641.6.2.520	NA	NA	This event is triggered when the standby SC has a different reference clock than the active SC	sCard RefClk Dif Trap
enabledCardResetV2Trap	1.3.6.1.4.1.4641.6.2.521	NA	NA	This event is triggered when a card which was enabled is reset	enabled Card Reset Trap
cardTempExceededV2Trap	1.3.6.1.4.1.4641.6.2.522	NA	NA	This event is triggered when a temperature threshold is exceeded on a card.	card Temp Exceeded Trap
cardInvalidBootOrderV2Trap	1.3.6.1.4.1.4641.6.2.523	NA	NA	This event is triggered when a card's boot order is configured incorrectly.	card Invalid Boot Order Trap
enabledCardShutdownV2Trap	1.3.6.1.4.1.4641.6.2.527	NA	NA	This event is triggered when a card which was enabled is shutdown	enabled Card Shutdown Trap
cardDegradedV2Trap	1.3.6.1.4.1.4641.6.2.528	NA	NA	This event is triggered when a card degradation is detected	card Degraded Trap
sCardRefClkNoTogV2Trap	1.3.6.1.4.1.4641.6.2.529	NA	NA	This event is triggered when a switch card reference clock fails to toggle.	sCard RefClk No Tog Trap
cardFpgaUpgradeV2Trap	1.3.6.1.4.1.4641.6.2.532	NA	NA	This event is set when Line card FPGA is upgraded.	cardFpga Upgrade Trap
cardPowerFailureV2Trap	1.3.6.1.4.1.4641.6.2.533	NA	NA	This event is set when a power failure is detected on a card. This is valid on the 8830 only.	card Power Failure Trap
pcmModuleOfflineV2Trap	1.3.6.1.4.1.4641.6.2.703	NA	NA	This event is set when a module becomes non operational.	pcm Module Offline Trap
pcmModuleOnlineV2Trap	1.3.6.1.4.1.4641.6.2.704	NA	NA	This event is set when a module becomes operational.	pcm Module Online Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pcmModuleFailedV2Trap	1.3.6.1.4.1.4641.6.2.705	NA	NA	This event is set when a module fails, and is cleared when the module becomes operational or is removed.	pcm Module Failed Trap
pcmModuleMismatchV2Trap	1.3.6.1.4.1.4641.6.2.706	NA	NA	This event is set when the module type that has been inserted doesn't match the configured type.	pcm Module Mismatch Trap
pcmModuleAdminChgV2Trap_enabled (1)	1.3.6.1.4.1.4641.6.2.707	NA	NA	This event is set when a module changes admin state.	pcmModuleAdminChg Trap
pcmEnabledModuleRemovedV2Trap	1.3.6.1.4.1.4641.6.2.709	NA	NA	This event is set when a module which was enabled is removed	pcmEnabledModule Removed Trap
moduleTempExceededV2Trap	1.3.6.1.4.1.4641.6.2.710	NA	NA	This event is triggered when a temperature threshold is exceeded on a module.	module Temp Exceeded Trap
pcmEnabledModuleRestartedV2Trap	1.3.6.1.4.1.4641.6.2.713	NA	NA	This event is set when a module is restarted in enabled state.	pcmEnabledModuleRestarted Trap
pcmEnabledModuleShutdownV2Trap	1.3.6.1.4.1.4641.6.2.714	NA	NA	This event is set when a module is shutdown in enabled state.	pcmEnabledModule Shutdown Trap
pcmEnabledModuleFpgaUpgradeV2Trap	1.3.6.1.4.1.4641.6.2.717	NA	NA	This event is set when a module FPGA is upgraded in enabled state.	pcmEnabledModuleFpgaUpgrade Trap
pcmPortAdminChgV2Trap_enabled (1)	1.3.6.1.4.1.4641.6.2.801	NA	NA	This event is set when a port changes admin state.	pcm Port Admin Change Trap
pcmPortOfflineV2Trap	1.3.6.1.4.1.4641.6.2.802	NA	NA	This event is set when a port becomes non-operational.	pcm Port Offline Trap
pcmPortOnlineV2Trap	1.3.6.1.4.1.4641.6.2.803	NA	NA	This event is set when a port becomes operational.	pcm Port Online Trap
pcmPortFailedV2Trap	1.3.6.1.4.1.4641.6.2.804	NA	NA	This event is set when a port fails, and is cleared when the port becomes operational or when the relevant module is removed.	pcm port failed trap
pcmPortLOS V2Trap	1.3.6.1.4.1.4641.6.2.805	NA	NA	This event is set when LOS alarm is detected, and is cleared when the alarm is cleared.	pcm Port LOS Alarm On
pcmPortNBET V2Trap	1.3.6.1.4.1.4641.6.2.809	NA	NA	This event is set when N-BET alarm is detected, and is cleared when the alarm is cleared.	pcm Port NBET Alarm On

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pcmPortFBET V2Trap	1.3.6.1.4.1.4641.6.2.810	NA	NA	This event is set when F-BET alarm is detected, and is cleared when the alarm is cleared.	pcm Port FBET Alarm On
pcmPortLinkD nV2Trap	1.3.6.1.4.1.4641.6.2.811	NA	NA	This event is set when peer is detected to be down and is cleared when the peer is detected to be up. This event applies to gige ports only.	pcm port loopback added
pcmPortLpbk V2Trap	1.3.6.1.4.1.4641.6.2.812	NA	NA	This event is set when port is in loopback, and is cleared when the loopback is removed.	pcm port loopback removed trap
pcmPortXcon AlmV2Trap	1.3.6.1.4.1.4641.6.2.813	NA	NA	This event is set when cross connect alarm is detected (on a port that is designated to carry a full port's worth of traffic. Cross connects are built between ports and LSPs) and is cleared when the cross connection comes back up. This event applies to gige ports only.	pcmPortXcon Alm Trap
pcmPortSfpR mvdV2Trap	1.3.6.1.4.1.4641.6.2.815	NA	NA	This event is set when a SFP optics on PLM is removed.	pcm Port SfpRmvd Trap
pcmPortSfpDe tdV2Trap	1.3.6.1.4.1.4641.6.2.816	NA	NA	This event is set when a SFP optics on PLM is detected.	pcm Port SfpDetd Trap
pcmPortEnSfp RmvdV2Trap	1.3.6.1.4.1.4641.6.2.817	NA	NA	This event is set when SFP optics removed is associated with an enabled port.	pcm Port EnSfpRmvd Trap
ifAdminChgV 2Trap_enabled (1)	1.3.6.1.4.1.4641.6.2.1102	NA	NA	This event is set when the admin state of a layer 3 interface changes.	if AdminChg Trap
ifAdminChgV 2Trap_disable d (2)	1.3.6.1.4.1.4641.6.2.1102	NA	NA	This event is set when the admin state of a layer 3 interface changes.	if AdminChg Trap
ifAdminChgV 2Trap_testing (3)	1.3.6.1.4.1.4641.6.2.1102	NA	NA	This event is set when the admin state of a layer 3 interface changes.	if AdminChg Trap
ifCacOvSubV 2Trap	1.3.6.1.4.1.4641.6.2.1105	NA	NA	This event is set when accumulated bandwidth of all built circuits is greater than the physical bandwidth	if CacOvSub Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ifOffLineV2Trap	1.3.6.1.4.1.4641.6.2.1107	NA	NA	For layer 2 interfaces this event is set when the link status is down. For layer 2 interfaces this event is cleared when the protocol link status is up. For layer 3 interfaces, this event is set when admin state is disabled. For layer 3 interfaces, this event is cleared when admin state is enabled.	If Offline Trap
ifOnLineV2Trap	1.3.6.1.4.1.4641.6.2.1108	NA	NA	For layer 2 interfaces, this event is set when protocol link status is up. For layer 3 interfaces, this event is set when admin state is enabled.	If Online Trap
evaEventClearV2Trap	1.3.6.1.4.1.4641.6.2.1402	NA	NA	A persistent event has been cleared	eva Event Clear Trap
evaExcessMinorV2Trap	1.3.6.1.4.1.4641.6.2.1405	NA	NA	An excess of unacknowledged minor alarms exists in the system.	eva Excess Minor Trap
evaExcessMajorV2Trap	1.3.6.1.4.1.4641.6.2.1406	NA	NA	An excess of unacknowledged major alarms exists in the system.	eva Excess Major Trap
ospfGblClrProcessV2Trap	1.3.6.1.4.1.4641.6.2.1612	NA	NA	OSPF instance was restarted. All counters reset to zero(0).	ospfGblClr Process Trap
ospfInstOperUpV2Trap	1.3.6.1.4.1.4641.6.2.1626	NA	NA	Instance state changed to oper up	ospf Inst Oper Up Trap
ospfInstOperDownV2Trap	1.3.6.1.4.1.4641.6.2.1627	NA	NA	Instance state changed to oper up	ospf Inst Oper Down Trap
ospfExtLsaHighThreshV2Trap	1.3.6.1.4.1.4641.6.2.1633	NA	NA	This event occurs when the number of received LSAs in the OSPF instance reaches the configured high threshold. It is cleared by the event - 'OsLsaLoThr'.	ospf Ext Lsa High Thresh Trap
ospfExtLsaLowThreshV2Trap	1.3.6.1.4.1.4641.6.2.1634	NA	NA	This event occurs when the number of received LSAs in the OSPF instance reaches the configured low threshold, after 'OsLsaHiThr' has occurred.	ospf Ext Lsa Low Thresh Trap
ospfExMaxLsaExceededV2Trap	1.3.6.1.4.1.4641.6.2.1635	NA	NA	This event occurs when the number of received LSAs in the OSPF instance exceeds the configured max LSAs. It can result in the instance being operationally disabled or simply a warning being generated as a result. It is cleared by 'OsMaxLsaClr'.	ospf Ex Max Lsa Exceeded Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfExtRedisRouteHighThreshV2Trap	1.3.6.1.4.1.4641.6.2.1637	NA	NA	This event occurs when the number of redistributed routes in the OSPF instance reaches the configured high threshold. It is cleared by the event - 'OsRedLoThr'.	ospf Ext Redis Route High Thresh Trap
ospfExtIfStateChgV2Trap	1.3.6.1.4.1.4641.6.2.1641	NA	NA	The OSPF Interface has changed its state.	ospf Ext If State Change Trap
ospfExtNbrStateChgV2Trap	1.3.6.1.4.1.4641.6.2.1643	NA	NA	The OSPF Neighbor State Machine has changed its state.	ospf Ext Nbr State Change Trap
mplsLspAdminChangeV2Trap_enabled (1)	1.3.6.1.4.1.4641.6.2.1903	NA	NA	The administrative state of the LSP was changed.	mplsLsp Admin Change Trap
mplsLspUpV2Trap	1.3.6.1.4.1.4641.6.2.1904	NA	NA	The operational status of the LSP is up.	mplsLsp Up Trap
mplsLspDownV2Trap	1.3.6.1.4.1.4641.6.2.1905	NA	NA	The operational status of the LSP is down.	mplsLsp Down Trap
mplsLspActiveV2Trap	1.3.6.1.4.1.4641.6.2.1906	NA	NA	An LSP's operational status is up and it is active.	mplsLsp Active Trap
mplsTunnelUpV2Trap	1.3.6.1.4.1.4641.6.2.1914	NA	NA	The operational status of the LSP Tunnel is up.	mpls Tunnel Up Trap
mplsTunnelDownV2Trap	1.3.6.1.4.1.4641.6.2.1915	NA	NA	The operational status of the LSP Tunnel is down.	mpls Tunnel Down Trap
snmpLinkDownV2Trap	1.3.6.1.4.1.4641.6.2.2302	NA	NA	A linkUp trap signifies that the sending protocol entity recognizes that one of the communication links epresented in the agent's configuration has come up.	snmp Link Down Trap
snmpLinkUpV2Trap	1.3.6.1.4.1.4641.6.2.2303	NA	NA	A linkUp trap signifies that the sending protocol entity recognizes that one of the communication links epresented in the agent's configuration has come up.	snmp Link Up Trap
mplsLdpSessionUpV2Trap	1.3.6.1.4.1.4641.6.2.2500	NA	NA	LDP session operational status is up.	mplsLdp Session Up Trap
mplsLdpSessionDownV2Trap	1.3.6.1.4.1.4641.6.2.2501	NA	NA	LDP session operational status is down.	mplsLdp Session Down Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
mplsLdpIntfOnlineV2Trap	1.3.6.1.4.1.4641.6.2.2516	NA	NA	LDP Interface operstatus is up.	mplsLdp Interface Online Trap
mplsLdpIntfOfflineV2Trap	1.3.6.1.4.1.4641.6.2.2517	NA	NA	LDP Interface operstatus is down.	mplsLdp Interface Offline Trap
temAreaAdminChangeV2Trap_enabled (1)	1.3.6.1.4.1.4641.6.2.2603	NA	NA	TEM area TE Admin Status was changed on the node.	temAreaAdminChange Trap
temOspfIfOnlineV2Trap	1.3.6.1.4.1.4641.6.2.2604	NA	NA	TEM OSPF interface operational status changed to up on the node.	temOspf If Online Trap
temOspfIfOfflineV2Trap	1.3.6.1.4.1.4641.6.2.2605	NA	NA	TEM interface OSPF operational status changed on the node.	temOspf If Offline Trap
mplsAdminStateV2Trap_enabled (1)	1.3.6.1.4.1.4641.6.2.2808	NA	NA	User has changed an MPLS admin state.	mpls Admin State Trap
mplsRsvpIntfAdminStateV2Trap_enabled (1)	1.3.6.1.4.1.4641.6.2.2902	NA	NA	User has changed admin state for RSVP on an Interface.	mplsRsvpIntf Admin State Trap
mplsRsvpIntfOnlineV2Trap	1.3.6.1.4.1.4641.6.2.2904	NA	NA	RSVP Interface operstatus is up.	mplsRsvpIntf Online Trap
mplsRsvpIntfOfflineV2Trap	1.3.6.1.4.1.4641.6.2.2905	NA	NA	RSVP Interface operstatus is down.	mplsRsvpIntf Offline Trap
bfdSessionUpV2Trap	1.3.6.1.4.1.4641.6.2.4000	NA	NA		bfd Session Up Trap
bfdSessionDownV2Trap	1.3.6.1.4.1.4641.6.2.4001	NA	NA		bfd Session Down Trap
nonRedundantV2Trap	1.3.6.1.4.1.4641.6.2.109	NA	NA	This event is triggered when the node becomes non-redundant. When evaNonRedundant trap exists, if the redundancy status changes to a value which should not cause a trap (e.g. StandbyRpNotUpYet), the existing trap should be cleared. If the redundancy status changes from 'a' to 'b' both of which correspond to evaNonRedundant traps, the trap corresponding to 'a' should be cleared and a new trap corresponding to 'b' should be set.	Non Redundant trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfIfStateChange	.1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	tellabs ospf if state down
ospfIfStateChange	.1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	!= 1	An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	tellabs ospf if state up
ospfVirtIfStateChange	.1.3.6.1.2.1.14.16.2.1	NA	NA	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual interface. This trap should be generated when the interface state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	tellabs ospf virtual if state down
ospfNbrStateChange	.1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.10.1.6	!= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	tellabs ospf neighbor state down
ospfNbrStateChange	.1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.10.1.6	= 8	An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	tellabs ospf neighbor state up

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.11.1.5	!= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	tellabs ospf-virtual-neighbor-state-down
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.11.1.5	= 8	An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	tellabs ospf-virtual-neighbor-state-up
ospfIfConfigError	.1.3.6.1.2.1.14.16.2.4	NA	NA	An ospfIfConfigError trap signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	tellabs ospf-if-config-err
ospfVirtIfConfigError	.1.3.6.1.2.1.14.16.2.5	NA	NA	An ospfConfigError trap signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	tellabs ospf-virtual-if-config-err
ospfIfAuthFailure	.1.3.6.1.2.1.14.16.2.6	NA	NA	An ospfIfAuthFailure trap signifies that a packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	tellabs ospf-if-authentic-fail
ospfVirtIfAuthFailure	.1.3.6.1.2.1.14.16.2.7	NA	NA	An ospfVirtIfAuthFailure trap signifies that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	tellabs ospf-virtual-if-authentic-fail

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfIfRxBadPacket	.1.3.6.1.2.1.14.16.2.8	NA	NA	An ospfIfRxBadPacket trap signifies that an OSPF packet has been received on a non-virtual interface that cannot be parsed.	tellabs ospf-if-bad-packet
ospfVirtIfRxBadPacket	.1.3.6.1.2.1.14.16.2.9	NA	NA	An ospfRxBadPacket trap signifies that an OSPF packet has been received on a virtual interface that cannot be parsed.	tellabs ospf-virtual-if-bad-packet
ospfTxRetransmit	.1.3.6.1.2.1.14.16.2.10	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a non-virtual interface.	tellabs ospf-if-packet-retransmit
ospfVirtIfTxRetransmit	.1.3.6.1.2.1.14.16.2.11	NA	NA	An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a virtual interface.	tellabs ospf-virtual-if-packet-retransmit
ospfOriginateLsa	.1.3.6.1.2.1.14.16.2.12	NA	NA	An ospfOriginateLsa trap signifies that a new LSA has been originated by this router. This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.	tellabs ospf-new-lsa-originated
ospfMaxAgeLsa	.1.3.6.1.2.1.14.16.2.13	NA	NA	An ospfMaxAgeLsa trap signifies that one of the LSA in the router's link-state database has aged to MaxAge.	tellabs ospf-lsa-reached-maxage
bgpBackwardTransition	.1.3.6.1.2.1.15.7.2	NA	NA	The BGPBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.	tellabs bgp down trap
bgpEstablished	.1.3.6.1.2.1.15.7.1	1.3.6.1.2.1.15.3.1.2	= 6	The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.	tellabs bgp established trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
newRoot	1.3.6.1.2.1.17.0.1	NA	NA	The newRoot trap indicates that the sending agent has become the new root of the Spanning Tree; the trap is sent by a bridge soon after its election as the new root, e.g., upon expiration of the Topology Change Timer, immediately subsequent to its election. Implementation of this trap is optional.	tellabs new root trap
topologyChange	1.3.6.1.2.1.17.0.2	NA	NA	A topologyChange trap is sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state. The trap is not sent if a newRoot trap is sent for the same transition. Implementation of this trap is optional.	tellabs Spanning Tree Topology Changed

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
entConfigChange	1.3.6.1.2.1.47.2.0.1	NA	NA	An entConfigChange notification is generated when the value of entLastChangeTime changes. It can be utilized by an NMS to trigger logical/physical entity table maintenance polls. An agent should not generate more than one entConfigChange 'notification-event' in a given time interval (five seconds is the suggested default). A 'notification-event' is the transmission of a single trap or inform PDU to a list of notification destinations. If additional configuration changes occur within the throttling period, then notification-events for these changes should be suppressed by the agent until the current throttling period expires. At the end of a throttling period, one notification-event should be generated if any configuration changes occurred since the start of the throttling period. In such a case, another throttling period is started right away. An NMS should periodically check the value of entLastChangeTime to detect any missed entConfigChange notification-events, e.g., due to throttling or transmission loss.	tellabs Entity table configuration changed
acctngFileFull	1.3.6.1.2.1.60.2.0.2	NA	NA	acctngFileFull trap	tellabs acctngFileFull trap
acctngFileNearlyFull	1.3.6.1.2.1.60.2.0.1	NA	NA	acctngFileNearlyFull trap	tellabs acctngFileNearlyFull trap
dsx1LineStatusChange	1.3.6.1.2.1.10.18.15.0.1	NA	NA	dsx1 line status change	tellabs dsx1 line status change
dsx3LineStatusChange	1.3.6.1.2.1.10.30.15.0.1	NA	NA	dsx3 line status change	tellabs dsx3 line status change

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
frDLCIStatus Change	.1.3.6.1.2.1.10.32.0.1	NA	NA	fr dlci status invalid trap	tellabs fr dlci status invalid trap
ipv6IfStateChange	.1.3.6.1.2.1.55.2.0.1	NA	NA	ipv6-if-state-changed	tellabs ipv6-if-state-changed
mfrMibTrapBundleLinkMismatch	.1.3.6.1.2.1.10.47.4.0.1	NA	NA	mfrMibTrapBundleLinkMismatch trap	tellabs mfrMibTrapBundleLinkMismatch trap
mplsLdpInitSesThresholdExceeded	.1.3.6.1.2.1.10.166.3.2.0.1	NA	NA	mplsLdpInitSesThresholdExceeded trap	tellabs mplsLdpInitSesThresholdExceeded trap
mplsLdpPathVectorLimitMismatch	.1.3.6.1.2.1.10.166.3.2.0.2	NA	NA	mplsLdpPathVectorLimitMismatch trap	tellabs mplsLdpPathVectorLimitMismatch trap
mplsLdpSessionDown	.1.3.6.1.2.1.10.166.3.2.0.4	NA	NA	mplsLdpSessionDown trap	tellabs mplsLdpSessionDown trap
mplsLdpSessionUp	.1.3.6.1.2.1.10.166.3.2.0.3	NA	NA	mplsLdpSessionUp trap	tellabs mplsLdpSessionUp trap
mplsTunnelDown	.1.3.6.1.2.1.10.166.3.0.2	NA	NA	mpls te tunnel down trap	tellabs mpls te tunnel down trap
mplsTunnelReoptimized	.1.3.6.1.2.1.10.166.3.0.4	NA	NA	mpls te tunnel reoptimized trap	tellabs mpls te tunnel reoptimized trap
mplsTunnelRerouted	.1.3.6.1.2.1.10.166.3.0.3	NA	NA	mpls te tunnel rerouted trap	tellabs mpls te tunnel rerouted trap
mplsTunnelUp	.1.3.6.1.2.1.10.166.3.0.1	NA	NA	mpls te tunnel up trap	tellabs mpls te tunnel up trap
pingProbeFailed	.1.3.6.1.2.1.80.0.1	NA	NA	pingProbeFailed trap	tellabs pingProbeFailed trap
pingTestCompleted	.1.3.6.1.2.1.80.0.3	NA	NA	pingTestCompleted trap	tellabs pingTestCompleted trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pingTestFailed	.1.3.6.1.2.1.80.0.2	NA	NA	pingTestFailed trap	tellabs pingTestFailed trap
RMON_Falling_Alarm	.1.3.6.1.2.1.16.0.2	NA	NA	RMON_Falling_Alarm trap	tellabs RMON_Falling_Alarm trap
RMON_Packet_Match	.1.3.6.1.2.1.16.0.3	NA	NA	RMON_Packet_Match trap	tellabs RMON_Packet_Match trap
RMON_Rise_Alarm	.1.3.6.1.2.1.16.0.1	NA	NA	RMON_Rise_Alarm trap	tellabs RMON_Rise_Alarm trap
rprrGroupChange	.1.3.6.1.2.1.22.0.2	NA	NA	rprrGroupChange trap	tellabs rprrGroupChange trap
rprrHealth	.1.3.6.1.2.1.22.0.1	NA	NA	rprrHealth trap	tellabs rprrHealth trap
rprrResetEvent	.1.3.6.1.2.1.22.0.3	NA	NA	rprrResetEvent trap	tellabs rprrResetEvent trap
traceRoutePathChange	.1.3.6.1.2.1.81.0.1	NA	NA	traceRoutePathChange trap	tellabs traceRoutePathChange trap
traceRouteTest Completed	.1.3.6.1.2.1.81.0.3	NA	NA	traceRouteTestCompleted trap	tellabs traceRouteTestCompleted trap
traceRouteTest Failed	.1.3.6.1.2.1.81.0.2	NA	NA	traceRouteTestFailed trap	tellabs traceRouteTestFailed trap
vrrpTrapAuthFailure	.1.3.6.1.2.1.68.0.2	NA	NA	vrrp trap auth failure trap	tellabs vrrp trap auth failure trap
vrrpTrapNew Master	.1.3.6.1.2.1.68.0.1	NA	NA	vrrp trap new master trap	tellabs vrrp trap new master trap
ipRouteAdded V2Trap	.1.3.6.1.4.1.4641.6.2.1800	NA	NA	ip Route Added Trap	ip Route Added Trap
ipRouteDeleted V2Trap	.1.3.6.1.4.1.4641.6.2.1801	NA	NA	ip Route Deleted Trap	ip Route Deleted Trap
ipRouteCostAdded V2Trap	.1.3.6.1.4.1.4641.6.2.1802	NA	NA	ip Route Cost Added Trap	ip Route Cost Added Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ipRouteCostDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.1803	NA	NA	ip Route Cost Deleted Trap	ip Route Cost Deleted Trap
ipRouteCostAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1804	NA	NA	ip Route Cost Attr Change Trap	ip Route Cost Attr Change Trap
ipRoutePathAddedV2Trap	.1.3.6.1.4.1.4641.6.2.1805	NA	NA	ip Route Path Added Trap	ip Route Path Added Trap
ipRoutePathDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.1806	NA	NA	ip Route Path Deleted Trap	ip Route Path Deleted Trap
ipRoutePathActiveV2Trap	.1.3.6.1.4.1.4641.6.2.1807	NA	NA	ip Route Path Active Trap	ip Route Path Active Trap
ipRoutePathInactiveV2Trap	.1.3.6.1.4.1.4641.6.2.1808	NA	NA	ip Route Path Inactive Trap	ip Route Path Inactive Trap
ipRouteActiveV2Trap	.1.3.6.1.4.1.4641.6.2.1809	NA	NA	ip Route Active Trap	ip Route Active Trap
ipRouteInactiveV2Trap	.1.3.6.1.4.1.4641.6.2.1810	NA	NA	ip Route Inactive Trap	ip Route Inactive Trap
ipRouteAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1811	NA	NA	ip Route Attr Change Trap	ip Route Attr Change Trap
ipRouteBulkChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1812	NA	NA	ip Route Bulk Change Trap	ip Route Bulk Change Trap
SynRateThrV2Trap	.1.3.6.1.4.1.4641.6.2.1813	NA	NA	Syn Rate Thr Trap	Syn Rate Thr Trap
HlfOpenThrV2Trap	.1.3.6.1.4.1.4641.6.2.1814	NA	NA	Hlf Open Thr Trap	Hlf Open Thr Trap
PathChgV2Trap	.1.3.6.1.4.1.4641.6.2.1815	NA	NA	Path Chg Trap	Path Chg Trap
bgpEstablishedV2Trap	.1.3.6.1.4.1.4641.6.2.1700	NA	NA	bgp Established Trap	bgp Established Trap
bgpMaxPfxMaxThresholdV2Trap	.1.3.6.1.4.1.4641.6.2.1701	NA	NA	bgp MaxPfx MaxThreshold Trap	bgp MaxPfx MaxThreshold Trap
bgpMaxPfxExceedActionV2Trap	.1.3.6.1.4.1.4641.6.2.1702	NA	NA	bgp MaxPfx ExceedAction Trap	bgp MaxPfx ExceedAction Trap
bgpGlblAdminChgV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.1703	NA	NA	bgp Glbl Admin Chg Trap	bgp Glbl Admin Chg Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
bgpGlblAdmin ChgV2Trap_ disabled (2)	.1.3.6.1.4.1.4641.6.2.1703	NA	NA	bgp Glbl Admin Chg Trap	bgp Glbl Admin Chg Trap
bgpGlblAdmin ChgV2Trap_ testing (3)	.1.3.6.1.4.1.4641.6.2.1703	NA	NA	bgp Glbl Admin Chg Trap	bgp Glbl Admin Chg Trap
bgpGlblAttrCh gDbChangeV2 Trap	.1.3.6.1.4.1.4641.6.2.1704	NA	NA	bgp Glbl Attr ChgDb Change Trap	bgp Glbl Attr ChgDb Change Trap
bgpPeerAddV 2Trap	.1.3.6.1.4.1.4641.6.2.1705	NA	NA	bgp Peer Add Trap	bgp Peer Add Trap
bgpPeerDelV2 Trap	.1.3.6.1.4.1.4641.6.2.1706	NA	NA	bgp Peer Del Trap	bgp Peer Del Trap
bgpPeerAttrCh gDbChangeV2 Trap	.1.3.6.1.4.1.4641.6.2.1707	NA	NA	bgp Peer Attr ChgDb Change Trap	bgp Peer Attr ChgDb Change Trap
bgpPeerGpAd dV2Trap	.1.3.6.1.4.1.4641.6.2.1708	NA	NA	bgp PeerGp Add Trap	bgp PeerGp Add Trap
bgpPeerGpDel V2Trap	.1.3.6.1.4.1.4641.6.2.1709	NA	NA	bgp PeerGp Del Trap	bgp PeerGp Del Trap
bgpPeerGpAtt rChgDbChang eV2Trap	.1.3.6.1.4.1.4641.6.2.1710	NA	NA	bgp PeerGp Attr ChgDb Change Trap	bgp PeerGp Attr ChgDb Change Trap
bgpNetwkAdd V2Trap	.1.3.6.1.4.1.4641.6.2.1711	NA	NA	bgp Netwk Add Trap	bgp Netwk Add Trap
bgpNetwkDel V2Trap	.1.3.6.1.4.1.4641.6.2.1712	NA	NA	bgp Netwk Del Trap	bgp Netwk Del Trap
bgpNetwkAttr ChgDbChange V2Trap	.1.3.6.1.4.1.4641.6.2.1713	NA	NA	bgp Netwk Attr ChgDb Change Trap	bgp Netwk Attr ChgDb Change Trap
bgpAggrAddV 2Trap	.1.3.6.1.4.1.4641.6.2.1714	NA	NA	bgp Aggr Add Trap	bgp Aggr Add Trap
bgpAggrDelV 2Trap	.1.3.6.1.4.1.4641.6.2.1715	NA	NA	bgp Aggr Del Trap	bgp Aggr Del Trap
bgpAggrAttrC hgDbChangeV 2Trap	.1.3.6.1.4.1.4641.6.2.1716	NA	NA	bgp Aggr Attr ChgDb Change Trap	bgp Aggr Attr ChgDb Change Trap
bgpRedistAdd V2Trap	.1.3.6.1.4.1.4641.6.2.1717	NA	NA	bgp Redist Add Trap	bgp Redist Add Trap
bgpRedistDel V2Trap	.1.3.6.1.4.1.4641.6.2.1718	NA	NA	bgp Redist Del Trap	bgp Redist Del Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
bgpRedistAttr ChgDbChange V2Trap	.1.3.6.1.4.1.4641.6.2.1719	NA	NA	bgp Redist Attr ChgDb Change Trap	bgp Redist Attr ChgDb Change Trap
bgpASpathList AddV2Trap	.1.3.6.1.4.1.4641.6.2.1720	NA	NA	bgp ASpath List Add Trap	bgp ASpath List Add Trap
bgpASpathList DelV2Trap	.1.3.6.1.4.1.4641.6.2.1721	NA	NA	bgp ASpath List Del Trap	bgp ASpath List Del Trap
bgpASpathList AttrChgDbCh angeV2Trap	.1.3.6.1.4.1.4641.6.2.1722	NA	NA	bgp ASpath List Attr ChgDb Change Trap	bgp ASpath List Attr ChgDb Change Trap
bgpCommList AddV2Trap	.1.3.6.1.4.1.4641.6.2.1723	NA	NA	bgp Comm List Add Trap	bgp Comm List Add Trap
bgpCommList DelV2Trap	.1.3.6.1.4.1.4641.6.2.1724	NA	NA	bgp Comm List Del Trap	bgp Comm List Del Trap
bgpCommList AttrChgDbCh angeV2Trap	.1.3.6.1.4.1.4641.6.2.1725	NA	NA	bgp Comm List Attr ChgDb Change Trap	bgp Comm List Attr ChgDb Change Trap
bgpMaxPfxMi nThresholdV2 Trap	.1.3.6.1.4.1.4641.6.2.1726	NA	NA	bgp Max Pfx Min Threshold Trap	bgp Max Pfx Min Threshold Trap
bgpMaxPfxEx ceedClearV2T rap	.1.3.6.1.4.1.4641.6.2.1727	NA	NA	bgp Max Pfx Exceed Clear Trap	bgp Max Pfx Exceed Clear Trap
bgpExtCLAdd V2Trap	.1.3.6.1.4.1.4641.6.2.1728	NA	NA	bgp ExtCL Add Trap	bgp ExtCL Add Trap
bgpExtCLDel V2Trap	.1.3.6.1.4.1.4641.6.2.1729	NA	NA	bgp ExtCL Del Trap	bgp ExtCL Del Trap
bgpExtCLAttr ChgDbChange V2Trap	.1.3.6.1.4.1.4641.6.2.1730	NA	NA	bgp ExtCL Attr ChgDb Change Trap	bgp ExtCL Attr ChgDb Change Trap
bgpInstOperU pV2Trap	.1.3.6.1.4.1.4641.6.2.1731	NA	NA	bgp Inst Oper Up Trap	bgp Inst Oper Up Trap
bgpInstOperD ownV2Trap	.1.3.6.1.4.1.4641.6.2.1732	NA	NA	bgp Inst Oper Down Trap	bgp Inst Oper Down Trap
bgpInstRtrIdC hgV2Trap	.1.3.6.1.4.1.4641.6.2.1733	NA	NA	bgp Inst RtrId Chg Trap	bgp Inst RtrId Chg Trap
bgpPeerAdmin ChgV2Trap_e nabled (1)	.1.3.6.1.4.1.4641.6.2.1734	NA	NA	bgp Peer Admin Chg Trap	bgp Peer Admin Chg Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
bgpPeerAdmin ChgV2Trap_ disabled (2)	.1.3.6.1.4.1.4641.6.2.1734	NA	NA	bgp Peer Admin Chg Trap	bgp Peer Admin Chg Trap
bgpPeerAdmin ChgV2Trap_ testing (3)	.1.3.6.1.4.1.4641.6.2.1734	NA	NA	bgp Peer Admin Chg Trap	bgp Peer Admin Chg Trap
bgpPeerGpAd minChgV2Tra p_enabled (1)	.1.3.6.1.4.1.4641.6.2.1735	NA	NA	bgp Peer Gp Admin Chg Trap	bgp Peer Gp Admin Chg Trap
bgpPeerGpAd minChgV2Tra p_disabled (2)	.1.3.6.1.4.1.4641.6.2.1735	NA	NA	bgp Peer Gp Admin Chg Trap	bgp Peer Gp Admin Chg Trap
bgpPeerGpAd minChgV2Tra p_testing (3)	.1.3.6.1.4.1.4641.6.2.1735	NA	NA	bgp Peer Gp Admin Chg Trap	bgp Peer Gp Admin Chg Trap
bgpPeerEstab V2Trap	.1.3.6.1.4.1.4641.6.2.1736	NA	NA	bgp Peer Estab Trap	bgp Peer Estab Trap
bgpPeerDown V2Trap	.1.3.6.1.4.1.4641.6.2.1737	NA	NA	bgp Peer Down Trap	bgp Peer Down Trap
bgpProcAttrC hgV2Trap	.1.3.6.1.4.1.4641.6.2.1738	NA	NA	bgp Proc Attr Chg Trap	bgp Proc Attr Chg Trap
bgpProcGRSt ChgV2Trap	.1.3.6.1.4.1.4641.6.2.1739	NA	NA	bgp ProcGRSt Chg Trap	bgp ProcGRSt Chg Trap
bgpPeerInRest artV2Trap	.1.3.6.1.4.1.4641.6.2.1740	NA	NA	bgp Peer InRestart Trap	bgp Peer InRestart Trap
bgpPeerOutOf RestartV2Trap	.1.3.6.1.4.1.4641.6.2.1741	NA	NA	bgp Peer OutOfRestart Trap	bgp Peer OutOfRestart Trap
ospfIfStateChg V2Trap	.1.3.6.1.4.1.4641.6.2.1600	NA	NA	ospf If State Chg Trap	ospf If State Chg Trap
ospfVIfStateC hgV2Trap	.1.3.6.1.4.1.4641.6.2.1601	NA	NA	ospf VIf State Chg Trap	ospf VIf State Chg Trap
ospfNbrStateC hgV2Trap	.1.3.6.1.4.1.4641.6.2.1602	NA	NA	ospf Nbr State Chg Trap	ospf Nbr State Chg Trap
ospfVNbrState ChgV2Trap	.1.3.6.1.4.1.4641.6.2.1603	NA	NA	ospf VNbr State Chg Trap	ospf VNbr State Chg Trap
ospfIfConfErr V2Trap	.1.3.6.1.4.1.4641.6.2.1604	NA	NA	ospf If Conf Err Trap	ospf If Conf Err Trap
ospfVIfConfEr rV2Trap	.1.3.6.1.4.1.4641.6.2.1605	NA	NA	ospf VIf Conf Err Trap	ospf VIf Conf Err Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfIfAuthFailV2Trap	.1.3.6.1.4.1.4641.6.2.1606	NA	NA	ospf If Auth Fail Trap	ospf If Auth Fail Trap
ospfVIfAuthFailV2Trap	.1.3.6.1.4.1.4641.6.2.1607	NA	NA	ospf VIf Auth Fail Trap	ospf VIf Auth Fail Trap
ospfOrigLsaV2Trap	.1.3.6.1.4.1.4641.6.2.1608	NA	NA	ospf Orig Lsa Trap	ospf Orig Lsa Trap
ospfMaxAgeLsaV2Trap	.1.3.6.1.4.1.4641.6.2.1609	NA	NA	ospf Max Age Lsa Trap	ospf Max Age Lsa Trap
ospfGlblAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1610	NA	NA	ospf Glbl Attr Change Trap	ospf Glbl Attr Change Trap
ospfGlblClrCountersV2Trap	.1.3.6.1.4.1.4641.6.2.1611	NA	NA	ospf Glbl Clr Counters Trap	ospf Glbl Clr Counters Trap
ospfAreaAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1613	NA	NA	ospf Area Attr Change Trap	ospf Area Attr Change Trap
ospfAreaAddV2Trap	.1.3.6.1.4.1.4641.6.2.1614	NA	NA	ospf Area Add Trap	ospf Area Add Trap
ospfAreaDelV2Trap	.1.3.6.1.4.1.4641.6.2.1615	NA	NA	ospf Area Del Trap	ospf Area Del Trap
ospfIfAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1616	NA	NA	ospf If Attr Change Trap	ospf If Attr Change Trap
ospfRedistAddV2Trap	.1.3.6.1.4.1.4641.6.2.1617	NA	NA	ospf Redist Add Trap	ospf Redist Add Trap
ospfRedistDelV2Trap	.1.3.6.1.4.1.4641.6.2.1618	NA	NA	ospf Redist Del Trap	ospf Redist Del Trap
ospfNwkAddV2Trap	.1.3.6.1.4.1.4641.6.2.1619	NA	NA	ospf Nwk Add Trap	ospf Nwk Add Trap
ospfNwkDelV2Trap	.1.3.6.1.4.1.4641.6.2.1620	NA	NA	ospf Nwk Del Trap	ospf Nwk Del Trap
ospfVIfAddV2Trap	.1.3.6.1.4.1.4641.6.2.1621	NA	NA	ospf VIf Add Trap	ospf VIf Add Trap
ospfVIfDelV2Trap	.1.3.6.1.4.1.4641.6.2.1622	NA	NA	ospf VIf Del Trap	ospf VIf Del Trap
ospfVIfAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1623	NA	NA	ospf VIf Attr Change Trap	ospf VIf Attr Change Trap
ospfGlblAdminChgV2Trap	.1.3.6.1.4.1.4641.6.2.1624	NA	NA	ospf Glbl Admin Chg Trap	ospf Glbl Admin Chg Trap
ospfOverloadStateChgV2Trap	.1.3.6.1.4.1.4641.6.2.1625	NA	NA	ospf Over load State Chg Trap	ospf Over load State Chg Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfExtAreaNssaTrRoleChgV2Trap	.1.3.6.1.4.1.4641.6.2.1628	NA	NA	ospf Ext Area Nssa Tr Role Chg Trap	ospf Ext Area Nssa Tr Role Chg Trap
ospfExtAreaNssaTrStateChgV2Trap	.1.3.6.1.4.1.4641.6.2.1629	NA	NA	ospf Ext Area Nssa Tr State ChgTrap	ospf Ext Area Nssa Tr State ChgTrap
ospfExtAreaAggrAddV2Trap	.1.3.6.1.4.1.4641.6.2.1630	NA	NA	ospf Ext Area Aggr Add Trap	ospf Ext Area Aggr Add Trap
ospfExtAreaAggrDelV2Trap	.1.3.6.1.4.1.4641.6.2.1631	NA	NA	ospf Ext Area Aggr Del Trap	ospf Ext Area Aggr Del Trap
ospfExtAreaAggrAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.1632	NA	NA	ospf Ext Area Aggr Attr Chg Trap	ospf Ext Area Aggr Attr Chg Trap
ospfExMaxLsaClearedV2Trap	.1.3.6.1.4.1.4641.6.2.1636	NA	NA	ospf Ex Max Lsa Cleared Trap	ospf Ex Max Lsa Cleared Trap
ospfExtRedisRouteLowThreshV2Trap	.1.3.6.1.4.1.4641.6.2.1638	NA	NA	ospf Ext Redis Route High Thresh Trap	ospf Ext Redis Route High Thresh Trap
ospfExMaxRedisRouteExceededV2Trap	.1.3.6.1.4.1.4641.6.2.1639	NA	NA	ospf Ex Max Redis Route Exceeded Trap	ospf Ex Max Redis Route Exceeded Trap
ospfExMaxRedisRouteClearedV2Trap	.1.3.6.1.4.1.4641.6.2.1640	NA	NA	ospf Ex Max Redis Route Cleared Trap	ospf Ex Max Redis Route Cleared Trap
ospfExtVIfStateChgV2Trap	.1.3.6.1.4.1.4641.6.2.1642	NA	NA	ospf Ext VIf State Chg Trap	ospf Ext VIf State Chg Trap
ospfExtVNbrStateChgV2Trap	.1.3.6.1.4.1.4641.6.2.1644	NA	NA	ospf Ext VNbr State Chg Trap	ospf Ext VNbr State Chg Trap
ospfExtIfConfErrV2Trap	.1.3.6.1.4.1.4641.6.2.1645	NA	NA	ospf Ext If Conf Err Trap	ospf Ext If Conf Err Trap
ospfExtVIfConfErrV2Trap	.1.3.6.1.4.1.4641.6.2.1646	NA	NA	ospf Ext VIf Conf Err Trap	ospf Ext VIf Conf Err Trap
ospfExtIfAuthFailV2Trap	.1.3.6.1.4.1.4641.6.2.1647	NA	NA	ospf Ext If Auth Fail Trap	ospf Ext If Auth Fail Trap
ospfExtVIfAuthFailV2Trap	.1.3.6.1.4.1.4641.6.2.1648	NA	NA	ospf Ext VIf Auth Fail Trap	ospf Ext VIf Auth Fail Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ospfExtNbrDnReasonV2Trap	.1.3.6.1.4.1.4641.6.2.1649	NA	NA	ospf Ext Nbr Dn Reason Trap	ospf Ext Nbr Dn Reason Trap
OsExNbrGrR V2Trap	.1.3.6.1.4.1.4641.6.2.1650	NA	NA	Os ExNbr GrR Trap	Os ExNbr GrR Trap
OsExNbrGrD V2Trap	.1.3.6.1.4.1.4641.6.2.1651	NA	NA	Os ExNbr GrD Trap	Os ExNbr GrD Trap
OsExVNBGrR V2Trap	.1.3.6.1.4.1.4641.6.2.1652	NA	NA	Os ExVNB GrR Trap	Os ExVNB GrR Trap
OsExVNBGrD V2Trap	.1.3.6.1.4.1.4641.6.2.1653	NA	NA	Os ExVNB GrD Trap	Os ExVNB GrD Trap
ospfAreaDupRtrIdV2Trap	.1.3.6.1.4.1.4641.6.2.1654	NA	NA	ospf Area Dup Rtr Id Trap	ospf Area Dup Rtr Id Trap
mplsLdpIntfAddV2Trap	.1.3.6.1.4.1.4641.6.2.2508	NA	NA	mpls Ldp Intf Add Trap	mpls Ldp Intf Add Trap
mplsLdpIntfDelV2Trap	.1.3.6.1.4.1.4641.6.2.2509	NA	NA	mpls Ldp Intf Del Trap	mpls Ldp Intf Del Trap
mplsLdpIntfAdmnStateV2Trap	.1.3.6.1.4.1.4641.6.2.2510	NA	NA	mpls Ldp Intf Admn State Trap	mpls Ldp Intf Admn State Trap
mplsLdpIntfAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.2511	NA	NA	mpls Ldp Intf Attr Chg Trap	mpls Ldp Intf Attr Chg Trap
mplsLdpGlblAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.2520	NA	NA	mpls Ldp Glbl Attr Chg Trap	mpls Ldp Glbl Attr Chg Trap
mplsLdpAuthDelV2Trap	.1.3.6.1.4.1.4641.6.2.2522	NA	NA	mpls Ldp Auth Del Trap	mpls Ldp Auth Del Trap
mplsLdpAuthChangeV2Trap	.1.3.6.1.4.1.4641.6.2.2523	NA	NA	mpls Ldp Auth Change Trap	mpls Ldp Auth Change Trap
mplsLdpAuthAddV2Trap	.1.3.6.1.4.1.4641.6.2.2524	NA	NA	mpls Ldp Auth Add Trap	mpls Ldp Auth Add Trap
mplsLdpPeerAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.2525	NA	NA	mpls Ldp Peer Attr Change Trap	mpls Ldp Peer Attr Change Trap
LdpFBAddV2Trap	.1.3.6.1.4.1.4641.6.2.2526	NA	NA	Ldp FB Add Trap	Ldp FB Add Trap
LdpFBAttChV2Trap	.1.3.6.1.4.1.4641.6.2.2527	NA	NA	Ldp FB Att Ch Trap	Ldp FB Att Ch Trap
LdpFBAdmChV2Trap	.1.3.6.1.4.1.4641.6.2.2528	NA	NA	Ldp FB Adm Ch Trap	Ldp FB Adm Ch Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
LdpFBDeIV2Trap	.1.3.6.1.4.1.4641.6.2.2529	NA	NA	Ldp FB Del Trap	Ldp FB Del Trap
atmAdminStateV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.3200	NA	NA	atm Admin State Trap	atm Admin State Trap
atmAdminStateV2Trap_disabled (2)	.1.3.6.1.4.1.4641.6.2.3200	NA	NA	atm Admin State Trap	atm Admin State Trap
atmAdminStateV2Trap_testing (3)	.1.3.6.1.4.1.4641.6.2.3200	NA	NA	atm Admin State Trap	atm Admin State Trap
atmGlobalChangedDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3201	NA	NA	atm Global Changed Db Change Trap	atm Global Changed Db Change Trap
pnniAdminStateV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.3202	NA	NA	pnni Admin State Trap	pnni Admin State Trap
pnniAdminStateV2Trap_disabled (2)	.1.3.6.1.4.1.4641.6.2.3202	NA	NA	pnni Admin State Trap	pnni Admin State Trap
pnniAdminStateV2Trap_testing (3)	.1.3.6.1.4.1.4641.6.2.3202	NA	NA	pnni Admin State Trap	pnni Admin State Trap
pnniGlobalChangedDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3203	NA	NA	pnni Global Changed Db Change Trap	pnni Global Changed Db Change Trap
atmPnniNodeAddV2Trap	.1.3.6.1.4.1.4641.6.2.3204	NA	NA	atm Pnni Node Add Trap	atm Pnni Node Add Trap
atmPnniNodeDelV2Trap	.1.3.6.1.4.1.4641.6.2.3205	NA	NA	atm Pnni Node Del Trap	atm Pnni Node Del Trap
atmPnniNodeAdminChangeV2Trap_up (1)	.1.3.6.1.4.1.4641.6.2.3206	NA	NA	atm Pnni Node Admin Change Trap	atm Pnni Node Admin Change Trap
atmPnniNodeAdminChangeV2Trap_down (2)	.1.3.6.1.4.1.4641.6.2.3206	NA	NA	atm Pnni Node Admin Change Trap	atm Pnni Node Admin Change Trap
atmPnniNodeAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3207	NA	NA	atm Pnni Node Admin Change Trap	atm Pnni Node Admin Change Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
atmPnniNodePglAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3208	NA	NA	atm Pnni Node Pgl Attr Change Db Change Trap	atm Pnni Node Pgl Attr Change Db Change Trap
atmPnniNodeTimerAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3209	NA	NA	atm Pnni Node Timer Attr Change Db Change Trap	atm Pnni Node Timer Attr Change Db Change Trap
atmPnniNodeSvccAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3210	NA	NA	atm Pnni Node Svcc Attr Change Db Change Trap	atm Pnni Node Svcc Attr Change Db Change Trap
pnniIntfOnlineV2Trap	.1.3.6.1.4.1.4641.6.2.3211	NA	NA	pnni Intf Online Trap	pnni Intf Online Trap
pnniIntfOfflineV2Trap	.1.3.6.1.4.1.4641.6.2.3212	NA	NA	pnni Intf Offline Trap	pnni Intf Offline Trap
pnniIntfAdminStateV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.3213	NA	NA	pnni Intf Admin State Trap	pnni Intf Admin State Trap
pnniIntfAdminStateV2Trap_disabled (2)	.1.3.6.1.4.1.4641.6.2.3213	NA	NA	pnni Intf Admin State Trap	pnni Intf Admin State Trap
pnniIntfAdminStateV2Trap_testing (3)	.1.3.6.1.4.1.4641.6.2.3213	NA	NA	pnni Intf Admin State Trap	pnni Intf Admin State Trap
pnniIntfAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3214	NA	NA	pnni Intf Attr ChgDb Change Trap	pnni Intf Attr ChgDb Change Trap
pnniIlmiIntfOnlineV2Trap	.1.3.6.1.4.1.4641.6.2.3215	NA	NA	pnni Ilmi Intf Online Trap	pnni Ilmi Intf Online Trap
pnniIlmiIntfOfflineV2Trap	.1.3.6.1.4.1.4641.6.2.3216	NA	NA	pnni Ilmi Intf Offline Trap	pnni Ilmi Intf Offline Trap
pnniIlmiIntfAdminStateV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.3217	NA	NA	pnni Ilmi Intf Admin State Trap	pnni Ilmi Intf Admin State Trap
pnniIlmiIntfAdminStateV2Trap_disabled (2)	.1.3.6.1.4.1.4641.6.2.3217	NA	NA	pnni Ilmi Intf Admin State Trap	pnni Ilmi Intf Admin State Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pnniIlmiIntfAdminStateV2Trap_testing (3)	.1.3.6.1.4.1.4641.6.2.3217	NA	NA	pnni Ilmi Intf Admin State Trap	pnni Ilmi Intf Admin State Trap
pnniIlmiIntfAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3218	NA	NA	pnni Ilmi Intf Attr ChgDb Change Trap	pnni Ilmi Intf Attr ChgDb Change Trap
pnniSigIntfOnlineV2Trap	.1.3.6.1.4.1.4641.6.2.3219	NA	NA	pnni SigIntf Online Trap	pnni SigIntf Online Trap
pnniSigIntfOfflineV2Trap	.1.3.6.1.4.1.4641.6.2.3220	NA	NA	pnni SigIntf Offline Trap	pnni SigIntf Offline Trap
pnniSigIntfAdminStateV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.3221	NA	NA	pnni SigIntf Admin State Trap	pnni SigIntf Admin State Trap
pnniSigIntfAdminStateV2Trap_disabled (2)	.1.3.6.1.4.1.4641.6.2.3221	NA	NA	pnni SigIntf Admin State Trap	pnni SigIntf Admin State Trap
pnniSigIntfAdminStateV2Trap_testing (3)	.1.3.6.1.4.1.4641.6.2.3221	NA	NA	pnni SigIntf Admin State Trap	pnni SigIntf Admin State Trap
pnniSigIntfAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3222	NA	NA	pnni SigIntf Attr ChgDb Change Trap	pnni SigIntf Attr ChgDb Change Trap
atmIfSoftPvcAddrAddV2Trap	.1.3.6.1.4.1.4641.6.2.3223	NA	NA	atm IfSoft Pvc Addr Add Trap	atm IfSoft Pvc Addr Add Trap
atmIfSoftPvcAddrDelV2Trap	.1.3.6.1.4.1.4641.6.2.3224	NA	NA	atm IfSoft Pvc Addr Del Trap	atm IfSoft Pvc Addr Del Trap
atmNetPrefixAddV2Trap	.1.3.6.1.4.1.4641.6.2.3225	NA	NA	atm Net Prefix Add Trap	atm Net Prefix Add Trap
atmNetPrefixDelV2Trap	.1.3.6.1.4.1.4641.6.2.3226	NA	NA	atm Net Prefix Del Trap	atm Net Prefix Del Trap
atmSvccRccDownV2Trap	.1.3.6.1.4.1.4641.6.2.3227	NA	NA	atm Svcc Rcc Down Trap	atm Svcc Rcc Down Trap
ConnTrcV2Trap	.1.3.6.1.4.1.4641.6.2.3228	NA	NA	Conn Trc Trap	Conn Trc Trap
ConnTrc1V2Trap	.1.3.6.1.4.1.4641.6.2.3229	NA	NA	Conn Trc1 Trap	Conn Trc1 Trap
ConnTrc2V2Trap	.1.3.6.1.4.1.4641.6.2.3230	NA	NA	Conn Trc2 Trap	Conn Trc2 Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pcmModuleAddedV2Trap	.1.3.6.1.4.1.4641.6.2.700	NA	NA	pcm Module Added Trap	pcm Module Added Trap
pcmModuleDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.701	NA	NA	pcm Module Deleted Trap	pcm Module Deleted Trap
pcmModuleRemovedV2Trap	.1.3.6.1.4.1.4641.6.2.702	NA	NA	pcm Module Removed Trap	pcm Module Removed Trap
pcmModuleInsertedV2Trap	.1.3.6.1.4.1.4641.6.2.708	NA	NA	pcm Module Inserted Trap	pcm Module Inserted Trap
pcmModuleRestartedV2Trap	.1.3.6.1.4.1.4641.6.2.711	NA	NA	pcm Module Restarted Trap	pcm Module Restarted Trap
pcmModuleShutdownV2Trap	.1.3.6.1.4.1.4641.6.2.712	NA	NA	pcm Module Shutdown Trap	pcm Module Shutdown Trap
pcmModuleAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.715	NA	NA	pcm Module Attr Chg Trap	pcm Module Attr Chg Trap
pcmModuleFpgaUpgradeV2Trap	.1.3.6.1.4.1.4641.6.2.716	NA	NA	pcm Module Fpga Upgrade Trap	pcm Module Fpga Upgrade Trap
ModFpgaFIV2Trap	.1.3.6.1.4.1.4641.6.2.718	NA	NA	Mod Fpga FI Trap	Mod Fpga FI Trap
pcmPortAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.800	NA	NA	pcm Port Attr ChgDb Change Trap	pcm Port Attr ChgDb Change Trap
pcmPortLOFV2Trap	.1.3.6.1.4.1.4641.6.2.806	NA	NA	pcm Port LOF Trap	pcm Port LOF Trap
pcmPortAISV2Trap	.1.3.6.1.4.1.4641.6.2.807	NA	NA	pcm Port AIS Trap	pcm Port AIS Trap
pcmPortRDIV2Trap	.1.3.6.1.4.1.4641.6.2.808	NA	NA	pcm Port RDI Trap	pcm Port RDI Trap
pcmFeStsChgV2Trap	.1.3.6.1.4.1.4641.6.2.814	NA	NA	pcm FeSts Chg Trap	pcm FeSts Chg Trap
pcmPortSfpTxFaultStsChgV2Trap	.1.3.6.1.4.1.4641.6.2.818	NA	NA	pcm Port SfpTx Fault Sts Chg Trap	pcm Port SfpTx Fault Sts Chg Trap
pcmPortPlgablTxRmvdV2Trap	.1.3.6.1.4.1.4641.6.2.819	NA	NA	pcm Port Plgabl Tx Rmvd Trap	pcm Port Plgabl Tx Rmvd Trap
pcmPortPlgablTxDetdV2Trap	.1.3.6.1.4.1.4641.6.2.820	NA	NA	pcm Port Plgabl Tx Detd Trap	pcm Port Plgabl Tx Detd Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pcmPortEnPlgableTxRmvdV2Trap	.1.3.6.1.4.1.4641.6.2.821	NA	NA	pcm Port EnPlgable Tx Rmvd Trap	pcm Port EnPlgable Tx Rmvd Trap
pcmPortPlgableTxTxFaultStsChgV2Trap	.1.3.6.1.4.1.4641.6.2.822	NA	NA	pcm Port Plgable TxTx Fault Sts Chg Trap	pcm Port Plgable TxTx Fault Sts Chg Trap
pcmPortEnPlgableTxMismatchV2Trap	.1.3.6.1.4.1.4641.6.2.823	NA	NA	pcm Port EnPlgable Tx Mismatch Trap	pcm Port EnPlgable Tx Mismatch Trap
pcmPortCopperGigeAnDisabledV2Trap	.1.3.6.1.4.1.4641.6.2.824	NA	NA	pcm Port Copper Gige AnDisabled Trap	pcm Port Copper Gige AnDisabled Trap
SFBV2Trap	.1.3.6.1.4.1.4641.6.2.825	NA	NA	SFB Trap	SFB Trap
TXLaserDGV2Trap	.1.3.6.1.4.1.4641.6.2.826	NA	NA	TX Laser DG Trap	TX Laser DG Trap
LpDetectV2Trap	.1.3.6.1.4.1.4641.6.2.827	NA	NA	Lp Detect Trap	Lp Detect Trap
LpClearV2Trap	.1.3.6.1.4.1.4641.6.2.828	NA	NA	Lp Clear Trap	Lp Clear Trap
cardAddedV2Trap	.1.3.6.1.4.1.4641.6.2.500	NA	NA	card Added Trap	card Added Trap
cardDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.501	NA	NA	card Deleted Trap	card Deleted Trap
cardSwDnldDoneV2Trap	.1.3.6.1.4.1.4641.6.2.510	NA	NA	card Sw Dnld Done Trap	card Sw Dnld Done Trap
cardAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.512	NA	NA	card Attr Change Db Change Trap	card Attr Change Db Change Trap
cardSwDnldInitV2Trap	.1.3.6.1.4.1.4641.6.2.513	NA	NA	card Sw Dnld Init Trap	card Sw Dnld Init Trap
cardSwDnldFailV2Trap	.1.3.6.1.4.1.4641.6.2.514	NA	NA	card Sw Dnld Fail Trap	card Sw Dnld Fail Trap
cardSwSltVerChangeV2Trap	.1.3.6.1.4.1.4641.6.2.515	NA	NA	card Sw Slt Ver Change Trap	card Sw Slt Ver Change Trap
cardTestV2Trap	.1.3.6.1.4.1.4641.6.2.517	NA	NA	card Test Trap	card Test Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
cardSwDnldAbortV2Trap	.1.3.6.1.4.1.4641.6.2.524	NA	NA	card Sw Dnld Abort Trap	card Sw Dnld Abort Trap
cardShutdownV2Trap	.1.3.6.1.4.1.4641.6.2.525	NA	NA	card Shutdown Trap	card Shutdown Trap
cardFastBootFailedV2Trap	.1.3.6.1.4.1.4641.6.2.526	NA	NA	card Fast Boot Failed Trap	card Fast Boot Failed Trap
cardFormatCmpltV2Trap	.1.3.6.1.4.1.4641.6.2.530	NA	NA	card Format Cmplt Trap	card Format Cmplt Trap
cardSmallCamDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.531	NA	NA	card Small Cam DbChange Trap	card Small Cam DbChange Trap
NpTmRsrcExV2Trap	.1.3.6.1.4.1.4641.6.2.534	NA	NA	NpTm Rsrc Ex Trap	NpTm Rsrc Ex Trap
CardAsReitV2Trap	.1.3.6.1.4.1.4641.6.2.535	NA	NA	Card AsReit Trap	Card AsReit Trap
nodeAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.100	NA	NA	node Attr ChangeDb Change Trap	node Attr ChangeDb Change Trap
nodeReadyV2Trap	.1.3.6.1.4.1.4641.6.2.101	NA	NA	node Ready Trap	node Ready Trap
bitsClkAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.103	NA	NA	Bits clock change trap	Bits clock change trap
nodeSwDnldDoneDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.104	NA	NA	node SwDnld Done Db Change Trap	node SwDnld Done Db Change Trap
nodeSwDnldInitDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.105	NA	NA	node SwDnld Init Db Change Trap	node SwDnld Init Db Change Trap
fullyRedundantDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.108	NA	NA	fully Redundant Db Change Trap	fully Redundant Db Change Trap
operNonRedundantDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.110	NA	NA	oper Non Redundant Db Change Trap	oper Non Redundant Db Change Trap
nodeSwDnldAbortDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.113	NA	NA	node SwDnld Abort Db Change Trap	node SwDnld Abort Db Change Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
nodeRestartInProgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.114	NA	NA	node Restart InProg DbChange Trap	node Restart InProg DbChange Trap
nodeUpgradeBeginDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.115	NA	NA	node Upgrade Begin Db Change Trap	node Upgrade Begin Db Change Trap
nodeEnterConfigRestrictedDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.117	NA	NA	node Enter Config Restricted Db Change Trap	node Enter Config Restricted Db Change Trap
nodeExitConfigRestrictedDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.118	NA	NA	node Exit Config Restricted Db Change Trap	node Exit Config Restricted Db Change Trap
nodeEnterIsolationDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.119	NA	NA	node Enter Isolation Db Change Trap	node Enter Isolation Db Change Trap
nodeExitIsolationDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.120	NA	NA	node Exit Isolation Db Change Trap	node Exit Isolation Db Change Trap
nodeEnterHwProgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.121	NA	NA	node Enter HwProg Db Change Trap	node Enter HwProg Db Change Trap
nodeExitHwProgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.122	NA	NA	node Exit HwProg Db Change Trap	node Exit HwProg Db Change Trap
nodeSltUpgdChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.123	NA	NA	node Slt Upgd Change Db Change Trap	node Slt Upgd Change Db Change Trap
NodeUsrAbtV2Trap	.1.3.6.1.4.1.4641.6.2.124	NA	NA	Node Usr Abt Trap	Node Usr Abt Trap
OntFivPmVoV2Trap	.1.3.6.1.4.1.4641.6.2.125	NA	NA	Ont Fiv PmVo Trap	Ont Fiv PmVo Trap
TcaEventsV2Trap	.1.3.6.1.4.1.4641.6.2.126	NA	NA	Tca Events Trap	Tca Events Trap
OltFivPmDaV2Trap	.1.3.6.1.4.1.4641.6.2.127	NA	NA	Olt Fiv PmDa Trap	Olt Fiv PmDa Trap
codeServAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.200	NA	NA	code Serv Attr Change Trap	code Serv Attr Change Trap
mgmtIpAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.201	NA	NA	mgmt Ip Attr Change Trap	mgmt Ip Attr Change Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
sysClkAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.202	NA	NA	sys Clk Attr Change Trap	sys Clk Attr Change Trap
acoButtonOnV2Trap	.1.3.6.1.4.1.4641.6.2.208	NA	NA	aco Button On Trap	aco Button On Trap
invalidMgmtIpAddressV2Trap	.1.3.6.1.4.1.4641.6.2.209	NA	NA	invalid Mgmt IpAddress Trap	invalid Mgmt IpAddress Trap
dbServAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.210	NA	NA	db Serv Attr Change Trap	db Serv Attr Change Trap
powerLedMaskChgV2Trap	.1.3.6.1.4.1.4641.6.2.213	NA	NA	power LedMask Chg Trap	power LedMask Chg Trap
transPowerChgV2Trap	.1.3.6.1.4.1.4641.6.2.216	NA	NA	trans Power Chg Trap	trans Power Chg Trap
mgmtIpDownV2Trap	.1.3.6.1.4.1.4641.6.2.218	NA	NA	mgmt Ip Down Trap	mgmt Ip Down Trap
ntpHostAddDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.220	NA	NA	ntp Host Add DbChange Trap	ntp Host Add DbChange Trap
ntpHostModDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.221	NA	NA	ntp Host Mod DbChange Trap	ntp Host Mod DbChange Trap
ntpHostDelDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.222	NA	NA	ntp Host Del DbChange Trap	ntp Host Del DbChange Trap
ntpAuthKeyDelDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.224	NA	NA	ntp Auth KeyDel DbChange Trap	ntp Auth KeyDel DbChange Trap
msgDropDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.225	NA	NA	msg Drop DbChange Trap	msg Drop DbChange Trap
globMgmtRedirAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.226	NA	NA	glob Mgmt Redir Attr ChgDb Change Trap	glob Mgmt Redir Attr ChgDb Change Trap
slHostAddDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.227	NA	NA	slHost Add DbChange Trap	slHost Add DbChange Trap
slHostModDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.228	NA	NA	slHost Mod DbChange Trap	slHost Mod DbChange Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
slHostDelDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.229	NA	NA	slHost Del DbChange Trap	slHost Del DbChange Trap
slFileAddDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.230	NA	NA	slFile Add DbChange Trap	slFile Add DbChange Trap
slFileModDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.231	NA	NA	slFile Mod DbChange Trap	slFile Mod DbChange Trap
slFileDelDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.232	NA	NA	slFile Del DbChange Trap	slFile Del DbChange Trap
panelUnpluggedV2Trap	.1.3.6.1.4.1.4641.6.2.233	NA	NA	panel Unplugged Trap	panel Unplugged Trap
globAccessModeChgV2Trap	.1.3.6.1.4.1.4641.6.2.234	NA	NA	glob Access ModeChg Trap	glob Access ModeChg Trap
globUserAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.235	NA	NA	glob User Attr Chg Trap	glob User Attr Chg Trap
globLoginAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.236	NA	NA	glob Login Attr Chg Trap	glob Login Attr Chg Trap
FileOpSuccV2Trap	.1.3.6.1.4.1.4641.6.2.237	NA	NA	File OpSucc Trap	File OpSucc Trap
FileOpFailV2Trap	.1.3.6.1.4.1.4641.6.2.238	NA	NA	File OpFail Trap	File OpFail Trap
NtpAuthV2Trap	.1.3.6.1.4.1.4641.6.2.239	NA	NA	Ntp Auth Trap	Ntp Auth Trap
BitsAlmChgV2Trap	.1.3.6.1.4.1.4641.6.2.240	NA	NA	Bits Alm Chg Trap	Bits Alm Chg Trap
BitsClkUpV2Trap	.1.3.6.1.4.1.4641.6.2.241	NA	NA	Bits ClkUp Trap	Bits ClkUp Trap
BitsClkDnV2Trap	.1.3.6.1.4.1.4641.6.2.242	NA	NA	Bits ClkDn Trap	Bits ClkDn Trap
pcmApsGrpAddedV2Trap	.1.3.6.1.4.1.4641.6.2.250	NA	NA	pcm Aps Grp Added Trap	pcm Aps Grp Added Trap
pcmApsGrpDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.251	NA	NA	pcm Aps Grp Deleted Trap	pcm Aps Grp Deleted Trap
pcmApsGrpAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.252	NA	NA	pcm Aps Grp Attr ChgDb Change Trap	pcm Aps Grp Attr ChgDb Change Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pcmApsGrpOnlineV2Trap	.1.3.6.1.4.1.4641.6.2.253	NA	NA	pcm Aps Grp Online Trap	pcm Aps Grp Online Trap
pcmApsGrpOfflineV2Trap	.1.3.6.1.4.1.4641.6.2.254	NA	NA	pcm Aps Grp Offline Trap	pcm Aps Grp Offline Trap
pcmApsModeMismatchV2Trap	.1.3.6.1.4.1.4641.6.2.255	NA	NA	pcm Aps Mode Mismatch Trap	pcm Aps Mode Mismatch Trap
pcmApsChanMismatchV2Trap	.1.3.6.1.4.1.4641.6.2.256	NA	NA	pcm Aps Chan Mismatch Trap	pcm Aps Chan Mismatch Trap
pcmApsPSBFV2Trap	.1.3.6.1.4.1.4641.6.2.257	NA	NA	pcm Aps PSBF Trap	pcm Aps PSBF Trap
pcmApsFEPLFV2Trap	.1.3.6.1.4.1.4641.6.2.258	NA	NA	pcm Aps FEPLF Trap	pcm Aps FEPLF Trap
pcmApsChnAddedV2Trap	.1.3.6.1.4.1.4641.6.2.276	NA	NA	pcm Aps Chn Added Trap	pcm Aps Chn Added Trap
pcmApsChnDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.277	NA	NA	pcm Aps Chn Deleted Trap	pcm Aps Chn Deleted Trap
pcmApsChnAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.278	NA	NA	pcm Aps Chn Attr ChgDb Change Trap	pcm Aps Chn Attr ChgDb Change Trap
pcmApsChnSwoDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.279	NA	NA	pcm Aps Chn SwoDb Change Trap	pcm Aps Chn SwoDb Change Trap
shelfAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.300	NA	NA	shelf Attr ChangeDb Change Trap	shelf Attr ChangeDb Change Trap
FanShutDnV2Trap	.1.3.6.1.4.1.4641.6.2.352	NA	NA	Fan Shut Dn Trap	Fan Shut Dn Trap
env1V2Trap	.1.3.6.1.4.1.4641.6.2.400	NA	NA	env1 Trap	env1 Trap
env2V2Trap	.1.3.6.1.4.1.4641.6.2.401	NA	NA	env2 Trap	env2 Trap
env3V2Trap	.1.3.6.1.4.1.4641.6.2.402	NA	NA	env3 Trap	env3 Trap
env4V2Trap	.1.3.6.1.4.1.4641.6.2.403	NA	NA	env4 Trap	env4 Trap
TmFuseOpenV2Trap	.1.3.6.1.4.1.4641.6.2.420	NA	NA	Tm Fuse Open Trap	Tm Fuse Open Trap
FireCondV2Trap	.1.3.6.1.4.1.4641.6.2.421	NA	NA	Fire Cond Trap	Fire Cond Trap
pcmVtAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.850	NA	NA	This event is set when a VT attribute changes	pcm Vt Attr Chg Db Change Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pcmVtAdmin ChgV2Trap_e nabled (1)	.1.3.6.1.4.1.4641.6.2.851	NA	NA	This event is set when a VT admin state changes.	pcm Vt Admin Chg Trap
pcmVtAdmin ChgV2Trap_di sabled (2)	.1.3.6.1.4.1.4641.6.2.851	NA	NA	This event is set when a VT admin state changes.	pcm Vt Admin Chg Trap
pcmVtAdmin ChgV2Trap_te sting (3)	.1.3.6.1.4.1.4641.6.2.851	NA	NA	This event is set when a VT admin state changes.	pcm Vt Admin Chg Trap
pcmVtOnline V2Trap	.1.3.6.1.4.1.4641.6.2.852	NA	NA	This event is set when a VT becomes operational.	pcm Vt Online Trap
pcmVtAISV2 Trap	.1.3.6.1.4.1.4641.6.2.853	NA	NA	This event is set when AIS alarm is detected, and is cleared when the alarm is cleared.	pcm Vt AIS Trap
pcmVtLOPV2 Trap	.1.3.6.1.4.1.4641.6.2.854	NA	NA	This event is set when LOP alarm is detected, and is cleared when the alarm is cleared.	pcm Vt LOP Trap
pcmVtUNEQ V2Trap	.1.3.6.1.4.1.4641.6.2.855	NA	NA	This event is set when UNEQ alarm is detected, and is cleared when the alarm is cleared.	pcm Vt UNEQ Trap
pcmVtPLMV2 Trap	.1.3.6.1.4.1.4641.6.2.856	NA	NA	This event is set when PLM alarm is detected, and is cleared when the alarm is cleared	pcm Vt PLM Trap
pcmVtRDIV2 Trap	.1.3.6.1.4.1.4641.6.2.857	NA	NA	This event is set when RDI alarm is detected, and is cleared when the alarm is cleared.	pcm Vt RDI Trap
pcmVtUASV2 Trap	.1.3.6.1.4.1.4641.6.2.858	NA	NA	This event is set when VT is unavailable and is cleared when the VT is available.	pcm Vt UAS Trap
pcmVtERDIV 2Trap	.1.3.6.1.4.1.4641.6.2.859	NA	NA	This event is set when ERDI alarm is detected, and is cleared when the alarm is cleared.	pcm Vt ERDI Trap
pcmVtFeUAS V2Trap	.1.3.6.1.4.1.4641.6.2.860	NA	NA	This event is set when far end VT is unavailable and is cleared when the far end VT is available.	pcm Vt Fe UAS Trap
pcmVtgAttrCh gDbChangeV2 Trap	.1.3.6.1.4.1.4641.6.2.875	NA	NA	This event is set when a VTG attribute changes	pcm Vtg Attr Chg Db Change Trap
pcmDs3ChnAt trChgDbChan geV2Trap	.1.3.6.1.4.1.4641.6.2.900	NA	NA	This event is set when a DS3/E3 channel attribute changes.	pcm Ds3 Chn Attr Chg Db Change Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pcmDs3ChnC hnznChgDbCh angeV2Trap	.1.3.6.1.4.1.4641.6.2.901	NA	NA	This event is set when a DS3/E3 channel channelization changes.	pcm Ds3 Chn Chnzn Chg Db Change Trap
pcmDs3ChnL OSV2Trap	.1.3.6.1.4.1.4641.6.2.902	NA	NA	This event is set when LOS alarm is detected, and is cleared when the alarm is cleared.	pcm Ds3 Chn LOS Trap
pcmDs3ChnL OFV2Trap	.1.3.6.1.4.1.4641.6.2.903	NA	NA	This event is set when LOF alarm is detected, and is cleared when the alarm is cleared.	pcm Ds3 Chn LOF Trap
pcmDs3ChnAI SV2Trap	.1.3.6.1.4.1.4641.6.2.904	NA	NA	This event is set when AIS alarm is detected, and is cleared when the alarm is cleared.	pcm Ds3 Chn AIS Trap
pcmDs3ChnR AIV2Trap	.1.3.6.1.4.1.4641.6.2.905	NA	NA	This event is set when RAI alarm is detected, and is cleared when the alarm is cleared.	pcm Ds3 Chn RAI Trap
pcmDs3ChnLp bkV2Trap	.1.3.6.1.4.1.4641.6.2.906	NA	NA	This event is set when DS3/E3 is in loopback, and is cleared when the loopback is removed.	pcm Ds3 Chn Lpbk Trap
pcmDs3ChnBe rtV2Trap	.1.3.6.1.4.1.4641.6.2.907	NA	NA	This event is set when DS3/E3 is in BERT, and is cleared when the BERT is removed.	pcm Ds3 Chn Bert Trap
pcmDs3ChnU ASV2Trap	.1.3.6.1.4.1.4641.6.2.908	NA	NA	This event is set when DS3/E3 is unavailable and is cleared when the DS3/E3 is available.	pcm Ds3 Chn UAS Trap
pcmDs3ChnL CDV2Trap	.1.3.6.1.4.1.4641.6.2.909	NA	NA	This event is set when DS3/E3 LCD alarm is detected, and is cleared when the alarm is cleared.	pcm Ds3 Chn LCD Trap
pcmDs3ChnA dminChgV2Tr ap	.1.3.6.1.4.1.4641.6.2.910	NA	NA	pcm Ds3 Chn Admin Chg Trap	pcm Ds3 Chn Admin Chg Trap
pcmDs3ChnO nlineV2Trap	.1.3.6.1.4.1.4641.6.2.911	NA	NA	pcm Ds3 Chn Online Trap	pcm Ds3 Chn Online Trap
pcmDs1AttrC hgDbChangeV 2Trap	.1.3.6.1.4.1.4641.6.2.925	NA	NA	This event is set when a DS1/E1 channel attribute changes.	pcm Ds1 Attr Chg Db Change Trap
pcmDs1Admin ChgV2Trap_e nabled (1)	.1.3.6.1.4.1.4641.6.2.926	NA	NA	This event is set when a DS1/E1 admin state changes.	pcm Ds1 Admin Chg Trap
pcmDs1Admin ChgV2Trap_di sabled (2)	.1.3.6.1.4.1.4641.6.2.926	NA	NA	This event is set when a DS1/E1 admin state changes.	pcm Ds1 Admin Chg Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pcmDs1Admin ChgV2Trap_ sting (3)	.1.3.6.1.4.1.4641.6.2.926	NA	NA	This event is set when a DS1/E1 admin state changes.	pcm Ds1 Admin Chg Trap
pcmDs1Online V2Trap	.1.3.6.1.4.1.4641.6.2.927	NA	NA	This event is set when a DS1/E1 becomes operational.	pcm Ds1 Online Trap
pcmDs1LOFV 2Trap	.1.3.6.1.4.1.4641.6.2.928	NA	NA	This event is set when LOF alarm is detected, and is cleared when the alarm is cleared.	pcm Ds1 LOF Trap
pcmDs1AISV 2Trap	.1.3.6.1.4.1.4641.6.2.929	NA	NA	This event is set when AIS alarm is detected, and is cleared when the alarm is cleared.	pcm Ds1 AIS Trap
pcmDs1RAIV 2Trap	.1.3.6.1.4.1.4641.6.2.930	NA	NA	This event is set when RAI alarm is detected, and is cleared when the alarm is cleared.	pcm Ds1 RAI Trap
pcmDs1Lpbk V2Trap	.1.3.6.1.4.1.4641.6.2.931	NA	NA	This event is set when DS1/E1 is in loopback, and is cleared when the loopback is removed.	pcm Ds1 Lpbk Trap
pcmDs1BertV 2Trap	.1.3.6.1.4.1.4641.6.2.932	NA	NA	This event is set when DS1/E1 is in BERT, and is cleared when the BERT is removed.	pcm Ds1 Bert Trap
pcmDs1UASV 2Trap	.1.3.6.1.4.1.4641.6.2.933	NA	NA	This event is set when DS1/E1 is unavailable and is cleared when the DS1/E1 is available.	pcm Ds1 UAS Trap
pcmDs1LCDV 2Trap	.1.3.6.1.4.1.4641.6.2.934	NA	NA	This event is set when DS1/E1 LCD alarm is detected, and is cleared when the alarm is cleared.	pcm Ds1 LCD Trap
Ds1LOSV2Tra p	.1.3.6.1.4.1.4641.6.2.935	NA	NA	Ds1 LOS Trap	Ds1 LOS Trap
Ds1CRCV2Tr ap	.1.3.6.1.4.1.4641.6.2.936	NA	NA	Ds1 CRC Trap	Ds1 CRC Trap
Ds1LOOPV2T rap	.1.3.6.1.4.1.4641.6.2.937	NA	NA	Ds1 LOOP Trap	Ds1 LOOP Trap
ChBrtStartV2 Trap	.1.3.6.1.4.1.4641.6.2.938	NA	NA	Ch Brt Start Trap	Ch Brt Start Trap
ChBrtStopV2 Trap	.1.3.6.1.4.1.4641.6.2.939	NA	NA	Ch Brt Stop Trap	Ch Brt Stop Trap
BertBerrV2Tra p	.1.3.6.1.4.1.4641.6.2.940	NA	NA	Bert Berr Trap	Bert Berr Trap
pcmBndlAdde dV2Trap	.1.3.6.1.4.1.4641.6.2.950	NA	NA	This event is set when a bundle configuration is added.	pcm Bndl Added Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pcmBndlDelet edV2Trap	.1.3.6.1.4.1.4641.6.2.951	NA	NA	This event is set when a bundle configuration is deleted.	pcm Bndl Deleted Trap
pcmBndlAttrC hgDbChangeV 2Trap	.1.3.6.1.4.1.4641.6.2.952	NA	NA	This event is set when a bundle attribute changes.	pcm Bndl Attr Chg Db Change Trap
pcmBndlAdmi nChgV2Trap_ enabled (1)	.1.3.6.1.4.1.4641.6.2.953	NA	NA	This event is set when a bundle admin state changes.	pcm Bndl Admin Chg Trap
pcmBndlAdmi nChgV2Trap_ disabled (2)	.1.3.6.1.4.1.4641.6.2.953	NA	NA	This event is set when a bundle admin state changes.	pcm Bndl Admin Chg Trap
pcmBndlAdmi nChgV2Trap_ esting (3)	.1.3.6.1.4.1.4641.6.2.953	NA	NA	This event is set when a bundle admin state changes.	pcm Bndl Admin Chg Trap
pcmBndlOnlin eV2Trap	.1.3.6.1.4.1.4641.6.2.954	NA	NA	This event is set when a bundle becomes operational.	pcm Bndl Online Trap
pcmBndlBert V2Trap	.1.3.6.1.4.1.4641.6.2.955	NA	NA	This event is set when bundle is in BERT, and is cleared when the BERT is removed.	pcm Bndl Bert Trap
pcmBertStartV 2Trap	.1.3.6.1.4.1.4641.6.2.956	NA	NA	This event is set when BERT is started on a bundle/DS3/DS1.	pcm Bert Start Trap
pcmBertStopV 2Trap	.1.3.6.1.4.1.4641.6.2.957	NA	NA	This event is set when BERT is started on a bundle/DS3/DS1.	pcm Bert Stop Trap
BndlNoMemV 2Trap	.1.3.6.1.4.1.4641.6.2.958	NA	NA	This event is set when a bundle is out of FIFO memory, and is cleared when the bundle or any of its higher level objects(i.e PLM/port/channel/ds3/vt/ds1) are admin disabled or when the PLM/ULC is unplugged.	Bndl No Mem Trap
BndlLopsV2Tr ap	.1.3.6.1.4.1.4641.6.2.959	NA	NA	Bndl Lops Trap	Bndl Lops Trap
BndlInitV2Tra p	.1.3.6.1.4.1.4641.6.2.960	NA	NA	Bndl Init Trap	Bndl Init Trap
BndlTermV2T rap	.1.3.6.1.4.1.4641.6.2.961	NA	NA	Bndl Term Trap	Bndl Term Trap
BndlLpbkV2T rap	.1.3.6.1.4.1.4641.6.2.962	NA	NA	Bndl Lpbk Trap	Bndl Lpbk Trap
pcmChannelA ddedV2Trap	.1.3.6.1.4.1.4641.6.2.1000	NA	NA	This event is set when a channel configuration is added.	pcm Channel Added Trap
pcmChannelD eletedV2Trap	.1.3.6.1.4.1.4641.6.2.1001	NA	NA	This event is set when a channel configuration is deleted.	pcm Channel Deleted Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pcmChannelAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1002	NA	NA	This event is set when a channel attribute changes.	pcm Channel Attr Chg Db Change Trap
pcmChannelAdminChgV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.1003	NA	NA	This event is set when a channel changes admin state.	pcm Channel Admin Chg Trap
pcmChannelAdminChgV2Trap_disabled (2)	.1.3.6.1.4.1.4641.6.2.1003	NA	NA	This event is set when a channel changes admin state.	pcm Channel Admin Chg Trap
pcmChannelAdminChgV2Trap_testing (3)	.1.3.6.1.4.1.4641.6.2.1003	NA	NA	This event is set when a channel changes admin state.	pcm Channel Admin Chg Trap
pcmChannelOfflineV2Trap	.1.3.6.1.4.1.4641.6.2.1004	NA	NA	This event is set when a channel becomes non operational.	pcm Channel Offline Trap
pcmChannelOnlineV2Trap	.1.3.6.1.4.1.4641.6.2.1005	NA	NA	This event is set when a channel becomes operational.	pcm Channel Online Trap
pcmChannelFailedV2Trap	.1.3.6.1.4.1.4641.6.2.1006	NA	NA	This event is set when a channel fails, and is cleared when the channel becomes operational or when the relevant module is removed.	pcm Channel Failed Trap
pcmPathAISV2Trap	.1.3.6.1.4.1.4641.6.2.1007	NA	NA	This event is set when AIS alarm is detected, and is cleared when the alarm is cleared.	pcm Path AIS Trap
pcmPathRDIV2Trap	.1.3.6.1.4.1.4641.6.2.1008	NA	NA	This event is set when RDI alarm is detected, and is cleared when the alarm is cleared.	pcm Path RDI Trap
pcmPathERDIV2Trap	.1.3.6.1.4.1.4641.6.2.1009	NA	NA	This event is set when ERDI alarm is detected, and is cleared when the alarm is cleared.	pcm Path ERDI Trap
pcmPathLOPV2Trap	.1.3.6.1.4.1.4641.6.2.1010	NA	NA	This event is set when ERDI alarm is detected, and is cleared when the alarm is cleared.	pcm Path LOP Trap
pcmPathUNEQV2Trap	.1.3.6.1.4.1.4641.6.2.1011	NA	NA	This event is set when UNEQ alarm is detected, and is cleared when the alarm is cleared.	pcm Path UNEQ Trap
pcmPathPLMV2Trap	.1.3.6.1.4.1.4641.6.2.1012	NA	NA	pcm Path PLM Trap	pcm Path PLM Trap
pcmPathDS3OOV2Trap	.1.3.6.1.4.1.4641.6.2.1013	NA	NA	pcm Path DS3 OOF Trap	pcm Path DS3 OOF Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pcmPathDS3AISV2Trap	.1.3.6.1.4.1.4641.6.2.1014	NA	NA	pcm Path DS3 AIS Trap	pcm Path DS3 AIS Trap
pcmPathDS3YELV2Trap	.1.3.6.1.4.1.4641.6.2.1015	NA	NA	pcm Path DS3 YEL Trap	pcm Path DS3 YEL Trap
pcmPathPLCPLOFV2Trap	.1.3.6.1.4.1.4641.6.2.1016	NA	NA	pcm Path PLCPLOF Trap	pcm Path PLCPLOF Trap
pcmPathPLCPYELV2Trap	.1.3.6.1.4.1.4641.6.2.1017	NA	NA	pcm Path PLCPYEL Trap	pcm Path PLCPYEL Trap
pcmPathNBETV2Trap	.1.3.6.1.4.1.4641.6.2.1018	NA	NA	pcm Path NBET Trap	pcm Path NBET Trap
pcmPathFBETV2Trap	.1.3.6.1.4.1.4641.6.2.1019	NA	NA	pcm Path FBET Trap	pcm Path FBET Trap
pcmPathLpbkV2Trap	.1.3.6.1.4.1.4641.6.2.1020	NA	NA	pcm Path Lpbk Trap	pcm Path Lpbk Trap
pcmPathTIMV2Trap	.1.3.6.1.4.1.4641.6.2.1021	NA	NA	pcm Path TIM Trap	pcm Path TIM Trap
pcmPathXconAlmV2Trap	.1.3.6.1.4.1.4641.6.2.1022	NA	NA	pcm Path Xcon Alm Trap	pcm Path Xcon Alm Trap
pcmChannelMappingChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1023	NA	NA	pcm Channel Mapping Chg Db Change Trap	pcm Channel Mapping Chg Db Change Trap
pcmLagAddDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1050	NA	NA	pcm Lag Add Db Change Trap	pcm Lag Add Db Change Trap
pcmLagAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1051	NA	NA	pcm Lag Attr Chg Db Change Trap	pcm Lag Attr Chg Db Change Trap
pcmLagDelDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1052	NA	NA	pcm Lag Del Db Change Trap	pcm Lag Del Db Change Trap
pcmLagAdminChgDbChangeV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.1053	NA	NA	pcm Lag Admin Chg Db Change Trap	pcm Lag Admin Chg Db Change Trap
pcmLagAdminChgDbChangeV2Trap_disabled (2)	.1.3.6.1.4.1.4641.6.2.1053	NA	NA	pcm Lag Admin Chg Db Change Trap	pcm Lag Admin Chg Db Change Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pcmLagAdminChgDbChangeV2Trap_testing (3)	.1.3.6.1.4.1.4641.6.2.1053	NA	NA	pcm Lag Admin Chg Db Change Trap	pcm Lag Admin Chg Db Change Trap
pcmLagOffLineDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1054	NA	NA	pcm Lag OffLine Db Change Trap	pcm Lag OffLine Db Change Trap
pcmLagOnLineDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1055	NA	NA	pcm Lag OnLine Db Change Trap	pcm Lag OnLine Db Change Trap
pcmLagMbrAddDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1056	NA	NA	pcm Lag Mbr Add Db Change Trap	pcm Lag Mbr Add Db Change Trap
pcmLagMbrDelDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1057	NA	NA	pcm Lag Mbr Del Db Change Trap	pcm Lag Mbr Del Db Change Trap
pcmLagMbrAddDoneDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1058	NA	NA	pcm Lag Mbr Add Done Db Change Trap	pcm Lag Mbr Add Done Db Change Trap
pcmLagMbrDelDoneDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1059	NA	NA	pcm Lag Mbr Del Done Db Change Trap	pcm Lag Mbr Del Done Db Change Trap
LacpChurnV2Trap	.1.3.6.1.4.1.4641.6.2.1060	NA	NA	Lacp Churn Trap	Lacp Churn Trap
LacpMbrUpV2Trap	.1.3.6.1.4.1.4641.6.2.1061	NA	NA	Lacp Mbr Up Trap	Lacp Mbr Up Trap
LacpMbrDnV2Trap	.1.3.6.1.4.1.4641.6.2.1062	NA	NA	Lacp Mbr Dn Trap	Lacp Mbr Dn Trap
ifAddV2Trap	.1.3.6.1.4.1.4641.6.2.1100	NA	NA	if Add Trap	if Add Trap
ifDelV2Trap	.1.3.6.1.4.1.4641.6.2.1101	NA	NA	if Del Trap	if Del Trap
ifAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1103	NA	NA	if Attr Chg Db Change Trap	if Attr Chg Db Change Trap
ifCacFailedV2Trap	.1.3.6.1.4.1.4641.6.2.1104	NA	NA	if Cac Failed Trap	if Cac Failed Trap
ifCacUnSubV2Trap	.1.3.6.1.4.1.4641.6.2.1106	NA	NA	if Cac Un Sub Trap	if Cac Un Sub Trap
ifSetUsrBwExcPhyBwV2Trap	.1.3.6.1.4.1.4641.6.2.1109	NA	NA	if Set Usr Bw Exc Phy Bw Trap	if Set Usr Bw Exc Phy Bw Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ifClrUshrBwExcPhyBwV2Trap	.1.3.6.1.4.1.4641.6.2.1110	NA	NA	if Clr Ushr Bw Exc Phy Bw Trap	if Clr Ushr Bw Exc Phy Bw Trap
brIfMaxMacReachedV2Trap	.1.3.6.1.4.1.4641.6.2.1111	NA	NA	br If Max Mac Reached Trap	br If Max Mac Reached Trap
brIfMaxMacRelearnV2Trap	.1.3.6.1.4.1.4641.6.2.1112	NA	NA	br If Max Mac Relearn Trap	br If Max Mac Relearn Trap
brIfMaxMacHighThreshV2Trap	.1.3.6.1.4.1.4641.6.2.1113	NA	NA	br If Max Mac High Thresh Trap	br If Max Mac High Thresh Trap
brIfMaxMacLowThreshV2Trap	.1.3.6.1.4.1.4641.6.2.1114	NA	NA	br If Max Mac Low Thresh Trap	br If Max Mac Low Thresh Trap
ifAclChgV2Trap	.1.3.6.1.4.1.4641.6.2.1115	NA	NA	if Acl Chg Trap	if Acl Chg Trap
ifQoSChgV2Trap	.1.3.6.1.4.1.4641.6.2.1116	NA	NA	if QoS Chg Trap	if QoS Chg Trap
brIfStMacAddV2Trap	.1.3.6.1.4.1.4641.6.2.1117	NA	NA	br If St Mac Add Trap	br If St Mac Add Trap
brIfStMacDelV2Trap	.1.3.6.1.4.1.4641.6.2.1118	NA	NA	br If St Mac Del Trap	br If St Mac Del Trap
ipIfAddDoneV2Trap	.1.3.6.1.4.1.4641.6.2.1119	NA	NA	ip If Add Done Trap	ip If Add Done Trap
greIfAddDoneV2Trap	.1.3.6.1.4.1.4641.6.2.1120	NA	NA	gre If Add Done Trap	gre If Add Done Trap
greIfDelDoneV2Trap	.1.3.6.1.4.1.4641.6.2.1121	NA	NA	gre If Del Done Trap	gre If Del Done Trap
IfMrrAdmV2Trap	.1.3.6.1.4.1.4641.6.2.1122	NA	NA	If Mrr Adm Trap	If Mrr Adm Trap
IrbBulkChgV2Trap	.1.3.6.1.4.1.4641.6.2.1123	NA	NA	Irb Bulk Chg Trap	Irb Bulk Chg Trap
ifArpFlChgV2Trap	.1.3.6.1.4.1.4641.6.2.1124	NA	NA	if Arp Fl Chg Trap	if Arp Fl Chg Trap
IfAtmNttChV2Trap	.1.3.6.1.4.1.4641.6.2.1125	NA	NA	If Atm Ntt Ch Trap	If Atm Ntt Ch Trap
cktOnLineV2Trap	.1.3.6.1.4.1.4641.6.2.1202	NA	NA	ckt OnLine Trap	ckt OnLine Trap
cktOffLineV2Trap	.1.3.6.1.4.1.4641.6.2.1203	NA	NA	ckt OffLine Trap	ckt OffLine Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
cktBulkChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1207	NA	NA	ckt Bulk Change Trap	ckt Bulk Change Trap
cktGlobalChangedV2Trap	.1.3.6.1.4.1.4641.6.2.1208	NA	NA	ckt Global Changed Trap	ckt Global Changed Trap
CktMirTBCh	.1.3.6.1.4.1.4641.6.2.1209	NA	NA	Ckt Mir TBCh	Ckt Mir TBCh
CktMirSBCh	.1.3.6.1.4.1.4641.6.2.1210	NA	NA	Ckt Mir SBCh	Ckt Mir SBCh
cktBndlOnLineV2Trap	.1.3.6.1.4.1.4641.6.2.1250	NA	NA	ckt Bndl OnLine Trap	ckt Bndl OnLine Trap
cktBndlOffLineV2Trap	.1.3.6.1.4.1.4641.6.2.1251	NA	NA	ckt Bndl OffLine Trap	ckt Bndl OffLine Trap
cktBndlAddMbrV2Trap	.1.3.6.1.4.1.4641.6.2.1252	NA	NA	ckt Bndl Add Mbr Trap	ckt Bndl Add Mbr Trap
cktBndlDelMbrV2Trap	.1.3.6.1.4.1.4641.6.2.1253	NA	NA	ckt Bndl Del Mbr Trap	ckt Bndl Del Mbr Trap
cktBndlBulkChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1254	NA	NA	ckt Bndl Bulk Change Trap	ckt Bndl Bulk Change Trap
cktBndlGlobalChangedV2Trap	.1.3.6.1.4.1.4641.6.2.1255	NA	NA	ckt Bndl Global Changed Trap	ckt Bndl Global Changed Trap
CBMirBulkV2Trap	.1.3.6.1.4.1.4641.6.2.1256	NA	NA	CB Mir Bulk Trap	CB Mir Bulk Trap
evaEventAckV2Trap	.1.3.6.1.4.1.4641.6.2.1400	NA	NA	eva Event Ack Trap	eva Event Ack Trap
evaBulkAckV2Trap	.1.3.6.1.4.1.4641.6.2.1401	NA	NA	eva Bulk Ack Trap	eva Bulk Ack Trap
evaUnackMinorV2Trap	.1.3.6.1.4.1.4641.6.2.1403	NA	NA	eva Unack Minor Trap	eva Unack Minor Trap
evaUnackMajorV2Trap	.1.3.6.1.4.1.4641.6.2.1404	NA	NA	eva Unack Major Trap	eva Unack Major Trap
evaEventParamChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1407	NA	NA	eva Event Param Change Trap	eva Event Param Change Trap
evaHistWrapV2Trap	.1.3.6.1.4.1.4641.6.2.1408	NA	NA	eva Hist Wrap Trap	eva Hist Wrap Trap
evaRestartV2Trap	.1.3.6.1.4.1.4641.6.2.1409	NA	NA	eva Restart Trap	eva Restart Trap
evaSeqWrapV2Trap	.1.3.6.1.4.1.4641.6.2.1410	NA	NA	eva Seq Wrap Trap	eva Seq Wrap Trap
evaConfV2Trap	.1.3.6.1.4.1.4641.6.2.1411	NA	NA	eva Conf Trap	eva Conf Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
evaUnresolvedV2Trap	.1.3.6.1.4.1.4641.6.2.1412	NA	NA	eva Un resolved Trap	eva Un resolved Trap
EnvAlmCfgV2Trap	.1.3.6.1.4.1.4641.6.2.1413	NA	NA	Env Alm Cfg Trap	Env Alm Cfg Trap
EvtClrAlmV2Trap	.1.3.6.1.4.1.4641.6.2.1414	NA	NA	Evt Clr Alm Trap	Evt Clr Alm Trap
mplsLspAddV2Trap	.1.3.6.1.4.1.4641.6.2.1900	NA	NA	mpls Lsp Added Trap	mpls Lsp Added Trap
mplsLspDeleteV2Trap	.1.3.6.1.4.1.4641.6.2.1901	NA	NA	mpls Lsp Deleted Trap	mpls Lsp Deleted Trap
mplsLspAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1902	NA	NA	mpls Lsp Attr Change Db Change Trap	mpls Lsp Attr Change Db Change Trap
mplsLspStandbyV2Trap	.1.3.6.1.4.1.4641.6.2.1907	NA	NA	mpls Lsp Standby Trap	mpls Lsp Standby Trap
mplsLspForcePathV2Trap	.1.3.6.1.4.1.4641.6.2.1916	NA	NA	mpls Lsp Force Path Trap	mpls Lsp Force Path Trap
mplsLspCfgUpdateV2Trap	.1.3.6.1.4.1.4641.6.2.1917	NA	NA	mpls Lsp Cfg Update Trap	mpls Lsp Cfg Update Trap
mplsLspUpdatedV2Trap	.1.3.6.1.4.1.4641.6.2.1918	NA	NA	mpls Lsp Updated Trap	mpls Lsp Updated Trap
mplsLspOptimizedDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1919	NA	NA	mpls Lsp Optimized Db Change Trap	mpls Lsp Optimized Db Change Trap
mplsLspRemoteDtChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.1920	NA	NA	mpls Lsp Remote Dt Chg Db Change Trap	mpls Lsp Remote Dt Chg Db Change Trap
LspBAttrChV2Trap	.1.3.6.1.4.1.4641.6.2.1921	NA	NA	Lsp B Attr Ch Trap	Lsp B Attr Ch Trap
LspBAdmChV2Trap	.1.3.6.1.4.1.4641.6.2.1922	NA	NA	Lsp B Adm Ch Trap	Lsp B Adm Ch Trap
dhcpRelayIpFwdProtUdpPortAddV2Trap	.1.3.6.1.4.1.4641.6.2.2000	NA	NA	dhcp Relay Ip Fwd Prot Udp Port Add Trap	dhcp Relay Ip Fwd Prot Udp Port Add Trap
dhcpRelayIpFwdProtUdpPortDelV2Trap	.1.3.6.1.4.1.4641.6.2.2001	NA	NA	dhcp Relay Ip Fwd Prot Udp Port Del Trap	dhcp Relay Ip Fwd Prot Udp Port Del Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
dhcpRelayInstAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.2002	NA	NA	dhcp Relay Inst Attr Chg Trap	dhcp Relay Inst Attr Chg Trap
dhcpRelayIpHelperAddrAddV2Trap	.1.3.6.1.4.1.4641.6.2.2003	NA	NA	dhcp Relay Ip Helper Addr Add Trap	dhcp Relay Ip Helper Addr Add Trap
dhcpRelayIpHelperAddrDelV2Trap	.1.3.6.1.4.1.4641.6.2.2004	NA	NA	dhcp Relay Ip Helper Addr Del Trap	dhcp Relay Ip Helper Addr Del Trap
dhcpRelayIntfAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.2005	NA	NA	dhcp Relay Intf Attr Chg Trap	dhcp Relay Intf Attr Chg Trap
dhcpRelayIntfAdminStateChgV2Trap	.1.3.6.1.4.1.4641.6.2.2006	NA	NA	dhcp Relay Intf Admin State Chg Trap	dhcp Relay Intf Admin State Chg Trap
dhcpRelayIntfOnlineV2Trap	.1.3.6.1.4.1.4641.6.2.2007	NA	NA	dhcp Relay Intf Online Trap	dhcp Relay Intf Online Trap
dhcpRelayIntfOfflineV2Trap	.1.3.6.1.4.1.4641.6.2.2008	NA	NA	dhcp Relay Intf Offline Trap	dhcp Relay Intf Offline Trap
PIAdrThrV2Trap	.1.3.6.1.4.1.4641.6.2.2009	NA	NA	PI Adr Thr Trap	PI Adr Thr Trap
SrvAdrThrV2Trap	.1.3.6.1.4.1.4641.6.2.2010	NA	NA	Srv Adr Thr Trap	Srv Adr Thr Trap
dbBupV2Trap	.1.3.6.1.4.1.4641.6.2.2200	NA	NA	db Bup Trap	db Bup Trap
dbResV2Trap	.1.3.6.1.4.1.4641.6.2.2201	NA	NA	db Res Trap	db Res Trap
dbCopyV2Trap	.1.3.6.1.4.1.4641.6.2.2202	NA	NA	db Copy Trap	db Copy Trap
dbAbtV2Trap	.1.3.6.1.4.1.4641.6.2.2203	NA	NA	db Abt Trap	db Abt Trap
dbInvV2Trap	.1.3.6.1.4.1.4641.6.2.2204	NA	NA	db Inv Trap	db Inv Trap
dbConDelV2Trap	.1.3.6.1.4.1.4641.6.2.2205	NA	NA	db Con Del Trap	db Con Del Trap
dbConChgV2Trap	.1.3.6.1.4.1.4641.6.2.2206	NA	NA	db Con Chg Trap	db Con Chg Trap
dbValV2Trap	.1.3.6.1.4.1.4641.6.2.2207	NA	NA	db Val Trap	db Val Trap
dbBakEndV2Trap	.1.3.6.1.4.1.4641.6.2.2208	NA	NA	db Bak End Trap	db Bak End Trap
dbResEndV2Trap	.1.3.6.1.4.1.4641.6.2.2209	NA	NA	db Res End Trap	db Res End Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
dbCopyEndV2Trap	.1.3.6.1.4.1.4641.6.2.2210	NA	NA	db Copy End Trap	db Copy End Trap
dbValidateEndV2Trap	.1.3.6.1.4.1.4641.6.2.2211	NA	NA	db Validate End Trap	db Validate End Trap
dbSetConfigEndV2Trap	.1.3.6.1.4.1.4641.6.2.2212	NA	NA	db Set Config End Trap	db Set Config End Trap
dbConfigDescChgV2Trap	.1.3.6.1.4.1.4641.6.2.2213	NA	NA	db Config Desc Chg Trap	db Config Desc Chg Trap
dbChecksumV2Trap	.1.3.6.1.4.1.4641.6.2.2214	NA	NA	db Checksum Trap	db Checksum Trap
dbNoMarkerCfgV2Trap	.1.3.6.1.4.1.4641.6.2.2215	NA	NA	db No Marker Cfg Trap	db No Marker Cfg Trap
dbNotUpToDateCfgV2Trap	.1.3.6.1.4.1.4641.6.2.2216	NA	NA	db Not Up To Date Cfg Trap	db Not Up To Date Cfg Trap
snmpColdStartV2Trap	.1.3.6.1.4.1.4641.6.2.2300	NA	NA	snmp Cold Start Trap	tellabs snmp Cold Start Trap
snmpWarmStartV2Trap	.1.3.6.1.4.1.4641.6.2.2301	NA	NA	snmp Warm Start Trap	tellabs snmp Warm Start Trap
snmpLinkDownV2Trap	.1.3.6.1.4.1.4641.6.2.2302	NA	NA	snmp Link Down Trap	tellabs snmp Link Down Trap
snmpAuthFailV2Trap	.1.3.6.1.4.1.4641.6.2.2304	NA	NA	snmp Auth Fail Trap	tellabs snmp Auth Fail Trap
snmpCommunityAddV2Trap	.1.3.6.1.4.1.4641.6.2.2305	NA	NA	snmp Community Add Trap	snmp Community Add Trap
snmpCommunityDelV2Trap	.1.3.6.1.4.1.4641.6.2.2306	NA	NA	snmp Community Del Trap	snmp Community Del Trap
snmpAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.2307	NA	NA	snmp Attr Change Db Change Trap	snmp Attr Change Db Change Trap
trapClientAddV2Trap	.1.3.6.1.4.1.4641.6.2.2308	NA	NA	trap Client Add Trap	trap Client Add Trap
trapClientDelV2Trap	.1.3.6.1.4.1.4641.6.2.2309	NA	NA	trap Client Del Trap	trap Client Del Trap
trapAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.2310	NA	NA	trap Attr Change Db Change Trap	trap Attr Change Db Change Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
snmpTargAddrAddV2Trap	.1.3.6.1.4.1.4641.6.2.2311	NA	NA	snmp Targ Addr Add Trap	snmp Targ Addr Add Trap
snmpTargAddrDelV2Trap	.1.3.6.1.4.1.4641.6.2.2312	NA	NA	snmp Targ Addr Del Trap	snmp Targ Addr Del Trap
snmpAccessDenyV2Trap	.1.3.6.1.4.1.4641.6.2.2313	NA	NA	snmp Access Deny Trap	snmp Access Deny Trap
snmpV3EngineIdAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.2314	NA	NA	snmp V3 Engine Id Attr Change Trap	snmp V3 Engine Id Attr Change Trap
snmpV3ContextAddV2Trap	.1.3.6.1.4.1.4641.6.2.2315	NA	NA	snmp V3 Context Add Trap	snmp V3 Context Add Trap
snmpV3ContextDelV2Trap	.1.3.6.1.4.1.4641.6.2.2316	NA	NA	snmp v3 Context Del Trap	snmp v3 Context Del Trap
snmpV3SecurityAddV2Trap	.1.3.6.1.4.1.4641.6.2.2317	NA	NA	snmp V3 Security Add Trap	snmp V3 Security Add Trap
snmpV3SecurityDelV2Trap	.1.3.6.1.4.1.4641.6.2.2318	NA	NA	snmp V3 Security Del Trap	snmp V3 Security Del Trap
snmpV3SecurityAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.2319	NA	NA	snmp V3 Security Attr Change Db Change Trap	snmp V3 Security Attr Change Db Change Trap
snmpV3AccessAddV2Trap	.1.3.6.1.4.1.4641.6.2.2320	NA	NA	snmp V3 Access Add Trap	snmp V3 Access Add Trap
snmpV3AccessDelV2Trap	.1.3.6.1.4.1.4641.6.2.2321	NA	NA	snmp V3 Access Del Trap	snmp V3 Access Del Trap
snmpV3AccessAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.2322	NA	NA	snmp V3 Access Attr Change Db Change Trap	snmp V3 Access Attr Change Db Change Trap
snmpV3UserAddV2Trap	.1.3.6.1.4.1.4641.6.2.2323	NA	NA	snmp V3 User Add Trap	snmp V3 User Add Trap
snmpV3UserDelV2Trap	.1.3.6.1.4.1.4641.6.2.2324	NA	NA	snmp V3 User Del Trap	snmp V3 User Del Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
snmpV3UserAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.2325	NA	NA	snmp V3 User Attr Change Db Change Trap	snmp V3 User Attr Change Db Change Trap
snmpV3TargParamsAddV2Trap	.1.3.6.1.4.1.4641.6.2.2326	NA	NA	snmp V3 Targ Params Add Trap	snmp V3 Targ Params Add Trap
snmpV3TargParamsDelV2Trap	.1.3.6.1.4.1.4641.6.2.2327	NA	NA	snmp V3 Targ Params Del Trap	snmp V3 Targ Params Del Trap
snmpV3TargParamsAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.2328	NA	NA	snmp V3 Targ Params Attr Change Db Change Trap	snmp V3 Targ Params Attr Change Db Change Trap
CtlAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.2329	NA	NA	Ctl Attr Chg Trap	Ctl Attr Chg Trap
cliLoginFailureV2Trap	.1.3.6.1.4.1.4641.6.2.2400	NA	NA	cli Login Failure Trap	cli Login Failure Trap
cLILoginV2Trap	.1.3.6.1.4.1.4641.6.2.2401	NA	NA	cLI Login Trap	cLI Login Trap
cLILogoutV2Trap	.1.3.6.1.4.1.4641.6.2.2402	NA	NA	cLI Logout Trap	cLI Logout Trap
cLIPwdExpV2Trap	.1.3.6.1.4.1.4641.6.2.2403	NA	NA	cLI Pwd Exp Trap	cLI Pwd Exp Trap
cLIPwdWarnV2Trap	.1.3.6.1.4.1.4641.6.2.2404	NA	NA	cLI Pwd Warn Trap	cLI Pwd Warn Trap
cLILockOutV2Trap	.1.3.6.1.4.1.4641.6.2.2405	NA	NA	cLI Lock Out Trap	cLI Lock Out Trap
UnLockV2Trap	.1.3.6.1.4.1.4641.6.2.2406	NA	NA	Un Lock Trap	Un Lock Trap
SesInThresV2Trap	.1.3.6.1.4.1.4641.6.2.2407	NA	NA	Ses In Thres Trap	Ses In Thres Trap
temGlblAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.2600	NA	NA	tem Glbl Attr Change Change Trap	tem Glbl Attr Change Change Trap
temCSPFClrCountersV2Trap	.1.3.6.1.4.1.4641.6.2.2601	NA	NA	tem CSPF Clr Counters Trap	tem CSPF Clr Counters Trap
temIfAttrChangeDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.2602	NA	NA	tem If Attr Change Db Change Trap	tem If Attr Change Db Change Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
temLevelAdminChangeV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.2606	NA	NA	tem Level Admin Change Trap	tem Level Admin Change Trap
temLevelAdminChangeV2Trap_disabled(2)	.1.3.6.1.4.1.4641.6.2.2606	NA	NA	tem Level Admin Change Trap	tem Level Admin Change Trap
temLevelAdminChangeV2Trap_testing (3)	.1.3.6.1.4.1.4641.6.2.2606	NA	NA	tem Level Admin Change Trap	tem Level Admin Change Trap
temIsisIfL1OnlineV2Trap	.1.3.6.1.4.1.4641.6.2.2607	NA	NA	tem Isis If L1 Online Trap	tem Isis If L1 Online Trap
temIsisIfL1OfflineV2Trap	.1.3.6.1.4.1.4641.6.2.2608	NA	NA	tem Isis If L1 Offline Trap	tem Isis If L1 Offline Trap
temIsisIfL2OnlineV2Trap	.1.3.6.1.4.1.4641.6.2.2609	NA	NA	tem Isis If L2 Online Trap	tem Isis If L2 Online Trap
temIsisIfL2OfflineV2Trap	.1.3.6.1.4.1.4641.6.2.2610	NA	NA	tem Isis If L2 Offline Trap	tem Isis If L2 Offline Trap
isisCircAdminStateChgDbChangeV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.2700	NA	NA	isis Circ Admin State Chg Db Change Trap	isis Circ Admin State Chg Db Change Trap
isisCircAdminStateChgDbChangeV2Trap_disabled (2)	.1.3.6.1.4.1.4641.6.2.2700	NA	NA	isis Circ Admin State Chg Db Change Trap	isis Circ Admin State Chg Db Change Trap
isisCircAdminStateChgDbChangeV2Trap_testing (3)	.1.3.6.1.4.1.4641.6.2.2700	NA	NA	isis Circ Admin State Chg Db Change Trap	isis Circ Admin State Chg Db Change Trap
isisCircAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.2701	NA	NA	isis Circ Attr Chg Db Change Trap	isis Circ Attr Chg Db Change Trap
isisCircLevelAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.2702	NA	NA	isis Circ Level Attr Chg Db Change Trap	isis Circ Level Attr Chg Db Change Trap
isisCircClearActionV2Trap	.1.3.6.1.4.1.4641.6.2.2703	NA	NA	isis Circ Clear Action Trap	isis Circ Clear Action Trap
isisGlblAdminStateChgDbChangeV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.2704	NA	NA	isis Glbl Admin State Chg Db Change Trap	isis Glbl Admin State Chg Db Change Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
isisGlblAdmin StateChgDbCh angeV2Trap_d isable (2)	.1.3.6.1.4.1.4641.6.2.2704	NA	NA	isis Glbl Admin State Chg Db Change Trap	isis Glbl Admin State Chg Db Change Trap
isisGlblAdmin StateChgDbCh angeV2Trap_t esting (3)	.1.3.6.1.4.1.4641.6.2.2704	NA	NA	isis Glbl Admin State Chg Db Change Trap	isis Glbl Admin State Chg Db Change Trap
isisGlblAttrCh gDbChangeV2 Trap	.1.3.6.1.4.1.4641.6.2.2705	NA	NA	isis Glbl Attr Chg Db Change Trap	isis Glbl Attr Chg Db Change Trap
isisGlblLevel AttrChgDbCh angeV2Trap	.1.3.6.1.4.1.4641.6.2.2706	NA	NA	isis Glbl Level Attr Chg Db Change Trap	isis Glbl Level Attr Chg Db Change Trap
isisGlblClearA ctionV2Trap	.1.3.6.1.4.1.4641.6.2.2707	NA	NA	isis Glbl Clear Action Trap	isis Glbl Clear Action Trap
isisAreaAddV 2Trap	.1.3.6.1.4.1.4641.6.2.2708	NA	NA	isis Area Add Trap	isis Area Add Trap
isisAreaDelV2 Trap	.1.3.6.1.4.1.4641.6.2.2709	NA	NA	isis Area Del Trap	isis Area Del Trap
isisRedistAdd V2Trap	.1.3.6.1.4.1.4641.6.2.2710	NA	NA	isis Redist Add Trap	isis Redist Add Trap
isisRedistAttr ChgV2Trap	.1.3.6.1.4.1.4641.6.2.2711	NA	NA	isis Redist Attr Chg Trap	isis Redist Attr Chg Trap
isisRedistDelV 2Trap	.1.3.6.1.4.1.4641.6.2.2712	NA	NA	isis Redist Del Trap	isis Redist Del Trap
isisSummAdd V2Trap	.1.3.6.1.4.1.4641.6.2.2713	NA	NA	isis Summ Add Trap	isis Summ Add Trap
isisSummAttr ChgDbChange V2Trap	.1.3.6.1.4.1.4641.6.2.2714	NA	NA	isis Summ Attr Chg Db Change Trap	isis Summ Attr Chg Db Change Trap
isisSummDel V2Trap	.1.3.6.1.4.1.4641.6.2.2715	NA	NA	isis Summ Del Trap	isis Summ Del Trap
isisCircOnline V2Trap	.1.3.6.1.4.1.4641.6.2.2720	NA	NA	isis Circ Online Trap	isis Circ Online Trap
isisCircOffline V2Trap	.1.3.6.1.4.1.4641.6.2.2721	NA	NA	isis Circ Offline Trap	isis Circ Offline Trap
isisGlblOnline V2Trap	.1.3.6.1.4.1.4641.6.2.2722	NA	NA	isis Glbl Online Trap	isis Glbl Online Trap
isisGlblOffline V2Trap	.1.3.6.1.4.1.4641.6.2.2723	NA	NA	isis Glbl Offline Trap	isis Glbl Offline Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
isisHelloAuthFailV2Trap	.1.3.6.1.4.1.4641.6.2.2724	NA	NA	isis Hello Auth Fail Trap	isis Hello Auth Fail Trap
isisAdjRejectedV2Trap	.1.3.6.1.4.1.4641.6.2.2725	NA	NA	isis Adj Rejected Trap	isis Adj Rejected Trap
isisIdLenMismatchesV2Trap	.1.3.6.1.4.1.4641.6.2.2726	NA	NA	isis Id Len Mismatches Trap	isis Id Len Mismatches Trap
isisL1DisChgV2Trap	.1.3.6.1.4.1.4641.6.2.2727	NA	NA	isis L1 Dis Chg Trap	isis L1 Dis Chg Trap
isisL2DisChgV2Trap	.1.3.6.1.4.1.4641.6.2.2728	NA	NA	isis L2 Dis Chg Trap	isis L2 Dis Chg Trap
isisNbrStateChgV2Trap	.1.3.6.1.4.1.4641.6.2.2729	NA	NA	isis Nbr State Chg Trap	isis Nbr State Chg Trap
isisGlblAuthFailV2Trap	.1.3.6.1.4.1.4641.6.2.2730	NA	NA	isis Glbl Auth Fail Trap	isis Glbl Auth Fail Trap
isisAreaMismatchV2Trap	.1.3.6.1.4.1.4641.6.2.2731	NA	NA	isis Area Mismatch Trap	isis Area Mismatch Trap
isisAttachStateChgV2Trap	.1.3.6.1.4.1.4641.6.2.2732	NA	NA	isis Attach State Chg Trap	isis Attach State Chg Trap
isisMaxAreaAddrMismatchV2Trap	.1.3.6.1.4.1.4641.6.2.2733	NA	NA	isis Max Area Addr Mismatch Trap	isis Max Area Addr Mismatch Trap
isisL1DbOverloadStateChgV2Trap	.1.3.6.1.4.1.4641.6.2.2734	NA	NA	isis L1 Db Overload State Chg Trap	isis L1 Db Overload State Chg Trap
isisL2DbOverloadStateChgV2Trap	.1.3.6.1.4.1.4641.6.2.2735	NA	NA	isis L2 Db Overload State Chg Trap	isis L2 Db Overload State Chg Trap
isisManAreaDropFromAreaV2Trap	.1.3.6.1.4.1.4641.6.2.2736	NA	NA	isis Man Area Drop From Area Trap	isis Man Area Drop From Area Trap
isisCorrLspDetectedV2Trap	.1.3.6.1.4.1.4641.6.2.2737	NA	NA	isis Corr Lsp Detected Trap	isis Corr Lsp Detected Trap
isisAttToExcMaxSeqNumberV2Trap	.1.3.6.1.4.1.4641.6.2.2738	NA	NA	isis Att To Exc Max Seq Number Trap	isis Att To Exc Max Seq Number Trap
isisSeqNumSkipV2Trap	.1.3.6.1.4.1.4641.6.2.2739	NA	NA	isis Seq Num Skip Trap	isis Seq Num Skip Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
isisOwnLspPurgeV2Trap	.1.3.6.1.4.1.4641.6.2.2740	NA	NA	isis Own Lsp Purge Trap	isis Own Lsp Purge Trap
mplsPathAddV2Trap	.1.3.6.1.4.1.4641.6.2.2800	NA	NA	mpls Path Add Trap	mpls Path Add Trap
mplsPathDelV2Trap	.1.3.6.1.4.1.4641.6.2.2801	NA	NA	mpls Path Del Trap	mpls Path Del Trap
mplsPathChV2Trap	.1.3.6.1.4.1.4641.6.2.2802	NA	NA	mpls Path Ch Trap	mpls Path Ch Trap
mplsHopAddV2Trap	.1.3.6.1.4.1.4641.6.2.2803	NA	NA	mpls Hop Add Trap	mpls Hop Add Trap
mplsHopSynV2Trap	.1.3.6.1.4.1.4641.6.2.2804	NA	NA	mpls Hop Syn Trap	mpls Hop Syn Trap
mplsHopChgV2Trap	.1.3.6.1.4.1.4641.6.2.2805	NA	NA	mpls Hop Chg Trap	mpls Hop Chg Trap
mplsLsrIdChangedV2Trap	.1.3.6.1.4.1.4641.6.2.2806	NA	NA	mpls Lsr Id Changed Trap	mpls Lsr Id Changed Trap
mplsAttriChangedV2Trap	.1.3.6.1.4.1.4641.6.2.2807	NA	NA	mpls Attri Changed Trap	mpls Attri Changed Trap
mplsGlobalChangedV2Trap	.1.3.6.1.4.1.4641.6.2.2809	NA	NA	mpls Global Changed Trap	mpls Global Changed Trap
mplsLspGlblAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.2810	NA	NA	mpls Lsp Glbl Attr Chg Trap	mpls Lsp Glbl Attr Chg Trap
mplsRsvpIntfAddV2Trap	.1.3.6.1.4.1.4641.6.2.2900	NA	NA	mpls Rsvp Intf Add Trap	mpls Rsvp Intf Add Trap
mplsRsvpIntfDelV2Trap	.1.3.6.1.4.1.4641.6.2.2901	NA	NA	mpls Rsvp Intf Del Trap	mpls Rsvp Intf Del Trap
mplsRsvpIntfAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.2903	NA	NA	mpls Rsvp Intf Attr Chg Trap	mpls Rsvp Intf Attr Chg Trap
mplsRsvpGlblAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.2906	NA	NA	mpls Rsvp Glbl Attr Chg Trap	mpls Rsvp Glbl Attr Chg Trap
rtInMaxRtMaxThresholdV2Trap	.1.3.6.1.4.1.4641.6.2.3000	NA	NA	rt In Max Rt Max Threshold Trap	rt In Max Rt Max Threshold Trap
rtInMaxRtMinThresholdV2Trap	.1.3.6.1.4.1.4641.6.2.3001	NA	NA	rt In Max Rt Min Threshold Trap	rt In Max Rt Min Threshold Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
rtInMaxRtExceedActionV2Trap	.1.3.6.1.4.1.4641.6.2.3002	NA	NA	rt In Max Rt Exceed Action Trap	rt In Max Rt Exceed Action Trap
rtInMaxRtExceedClearV2Trap	.1.3.6.1.4.1.4641.6.2.3003	NA	NA	rt In Max Rt Exceed Clear Trap	rt In Max Rt Exceed Clear Trap
rtInAddV2Trap	.1.3.6.1.4.1.4641.6.2.3004	NA	NA	rt In Add Trap	rt In Add Trap
rtInDelV2Trap	.1.3.6.1.4.1.4641.6.2.3005	NA	NA	rt In Del Trap	rt In Del Trap
rtInAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3006	NA	NA	rt In Attr Chg Db Change Trap	rt In Attr Chg Db Change Trap
rtInAdminChgV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.3007	NA	NA	rt In Admin Chg Trap	rt In Admin Chg Trap
rtInAdminChgV2Trap_disabled (2)	.1.3.6.1.4.1.4641.6.2.3007	NA	NA	rt In Admin Chg Trap	rt In Admin Chg Trap
rtInAdminChgV2Trap_testing (3)	.1.3.6.1.4.1.4641.6.2.3007	NA	NA	rt In Admin Chg Trap	rt In Admin Chg Trap
rtInOperUpV2Trap	.1.3.6.1.4.1.4641.6.2.3008	NA	NA	rt In Oper Up Trap	rt In Oper Up Trap
rtInOperDownV2Trap	.1.3.6.1.4.1.4641.6.2.3009	NA	NA	rt In Oper Down Trap	rt In Oper Down Trap
brInAddV2Trap	.1.3.6.1.4.1.4641.6.2.3100	NA	NA	br In Add Trap	br In Add Trap
brInDelV2Trap	.1.3.6.1.4.1.4641.6.2.3101	NA	NA	br In Del Trap	br In Del Trap
brInAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3102	NA	NA	br In Attr Chg Db Change Trap	br In Attr Chg Db Change Trap
brInAdminChgV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.3103	NA	NA	br In Admin Chg Trap	br In Admin Chg Trap
brInAdminChgV2Trap_disabled (2)	.1.3.6.1.4.1.4641.6.2.3103	NA	NA	br In Admin Chg Trap	br In Admin Chg Trap
brInAdminChgV2Trap_testing (3)	.1.3.6.1.4.1.4641.6.2.3103	NA	NA	br In Admin Chg Trap	br In Admin Chg Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
brInOperUpV2Trap	.1.3.6.1.4.1.4641.6.2.3104	NA	NA	br In Oper Up Trap	br In Oper Up Trap
brInOperDownV2Trap	.1.3.6.1.4.1.4641.6.2.3105	NA	NA	br In Oper Down Trap	br In Oper Down Trap
brInPEAddV2Trap	.1.3.6.1.4.1.4641.6.2.3106	NA	NA	br In PE Add Trap	br In PE Add Trap
brInPEDelV2Trap	.1.3.6.1.4.1.4641.6.2.3107	NA	NA	br In PE Del Trap	br In PE Del Trap
brInPEAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3108	NA	NA	br In PE Attr Chg Db Change Trap	
brInPEAdminChgV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.3109	NA	NA	br-In-PE-Admin-Chg-V2Trap	br-In-PE-Admin-Chg-V2Trap
brInPEAdminChgV2Trap_disabled (2)	.1.3.6.1.4.1.4641.6.2.3109	NA	NA	br-In-PE-Admin-Chg-V2Trap	br-In-PE-Admin-Chg-V2Trap
brInPEAdminChgV2Trap_testing (3)	.1.3.6.1.4.1.4641.6.2.3109	NA	NA	br-In-PE-Admin-Chg-V2Trap	br-In-PE-Admin-Chg-V2Trap
brInPEOperUpV2Trap	.1.3.6.1.4.1.4641.6.2.3110	NA	NA	br-In-PE-Oper-Up-V2Trap	br-In-PE-Oper-Up-V2Trap
brInPEOperDownV2Trap	.1.3.6.1.4.1.4641.6.2.3111	NA	NA	br-In-PE-Oper-Down-V2Trap	br-In-PE-Oper-Down-V2Trap
brInPEStMacAddV2Trap	.1.3.6.1.4.1.4641.6.2.3112	NA	NA	br-In-PE-St-Mac-Add-V2Trap	br-In-PE-St-Mac-Add-V2Trap
brInPEStMacDelV2Trap	.1.3.6.1.4.1.4641.6.2.3113	NA	NA	br-In-PE-St-Mac-Del-V2Trap	br-In-PE-St-Mac-Del-V2Trap
brInStMacAddV2Trap	.1.3.6.1.4.1.4641.6.2.3114	NA	NA	br-In-St-Mac-Add-V2Trap	br-In-St-Mac-Add-V2Trap
brInStMacDelV2Trap	.1.3.6.1.4.1.4641.6.2.3115	NA	NA	br-In-St-Mac-Del-V2Trap	br-In-St-Mac-Del-V2Trap
ethOamNewRemoteMepV2Trap	.1.3.6.1.4.1.4641.6.2.3116	NA	NA	eth-Oam-New-Remote-Mep-V2Trap	eth-Oam-New-Remote-Mep-V2Trap
ethOamRemoteMepLossOfCCV2Trap	.1.3.6.1.4.1.4641.6.2.3117	NA	NA	eth-Oam-Remote-Mep-LossOfCC-V2Trap	eth-Oam-Remote-Mep-LossOfCC-V2Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ethOamRemoteMepCCRestoredV2Trap	.1.3.6.1.4.1.4641.6.2.3118	NA	NA	eth-Oam-Remote-Mep-CCRestored-V2Trap	eth-Oam-Remote-Mep-CCRestored-V2Trap
brInMapStpV2Trap	.1.3.6.1.4.1.4641.6.2.3119	NA	NA	br-In-Map-Stp-V2Trap	br-In-Map-Stp-V2Trap
brInUnmapStpV2Trap	.1.3.6.1.4.1.4641.6.2.3120	NA	NA	br-In-Unmap-Stp-V2Trap	br-In-Unmap-Stp-V2Trap
BrgHighThV2Trap	.1.3.6.1.4.1.4641.6.2.3121	NA	NA	Brg-High-Th-V2Trap	Brg-High-Th-V2Trap
BrgLowThV2Trap	.1.3.6.1.4.1.4641.6.2.3122	NA	NA	Brg-Low-Th-V2Trap	Brg-Low-Th-V2Trap
BrgRlrnThV2Trap	.1.3.6.1.4.1.4641.6.2.3123	NA	NA	Brg-Rlrn-Th-V2Trap	Brg-Rlrn-Th-V2Trap
BrgMxMacThV2Trap	.1.3.6.1.4.1.4641.6.2.3124	NA	NA	Brg-Mx-Mac-Th-V2Trap	Brg-Mx-Mac-Th-V2Trap
BrInDupMacV2Trap	.1.3.6.1.4.1.4641.6.2.3125	NA	NA	Br-In-Dup-Mac-V2Trap	Br-In-Dup-Mac-V2Trap
stpInAddV2Trap	.1.3.6.1.4.1.4641.6.2.3130	NA	NA	stp-In-Add-V2Trap	stp-In-Add-V2Trap
stpInDelV2Trap	.1.3.6.1.4.1.4641.6.2.3131	NA	NA	stp-In-Del-V2Trap	stp-In-Del-V2Trap
stpInAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.3132	NA	NA	stp-In-Attr-Chg-V2Trap	stp-In-Attr-Chg-V2Trap
stpInAdminChgV2Trap	.1.3.6.1.4.1.4641.6.2.3133	NA	NA	stp-In-Admin-Chg-V2Trap	stp-In-Admin-Chg-V2Trap
stpMstAddV2Trap	.1.3.6.1.4.1.4641.6.2.3134	NA	NA	stp-Mst-Add-V2Trap	stp-Mst-Add-V2Trap
stpMstDelV2Trap	.1.3.6.1.4.1.4641.6.2.3135	NA	NA	stp-Mst-Del-V2Trap	stp-Mst-Del-V2Trap
stpMstAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.3136	NA	NA	stp-Mst-Attr-Chg-V2Trap	stp-Mst-Attr-Chg-V2Trap
stpPortAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.3137	NA	NA	stp-Port-Attr-Chg-V2Trap	stp-Port-Attr-Chg-V2Trap
stpPortBpduExchangeV2Trap	.1.3.6.1.4.1.4641.6.2.3138	NA	NA	stp-Port-BpduExchange-V2Trap	stp-Port-BpduExchange-V2Trap
stpPortOnlineV2Trap	.1.3.6.1.4.1.4641.6.2.3139	NA	NA	stp-Port-Online-V2Trap	stp-Port-Online-V2Trap
stpPortOfflineV2Trap	.1.3.6.1.4.1.4641.6.2.3140	NA	NA	stp-Port-Offline-V2Trap	stp-Port-Offline-V2Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
stpPortRoleStateChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3141	NA	NA	stp-Port-RoleState-Change-V2Trap	stp-Port-Role State-Change- V2Trap
StpPortDel	.1.3.6.1.4.1.4641.6.2.3142	NA	NA	Stp-Port-Del	Stp-Port-Del
NewReMep	.1.3.6.1.4.1.4641.6.2.3150	NA	NA	New-Re-Mep	New-Re-Mep
ReMepLoc	.1.3.6.1.4.1.4641.6.2.3151	NA	NA	Re-Mep-Loc	Re-Mep-Loc
ReMepBack	.1.3.6.1.4.1.4641.6.2.3152	NA	NA	Re-Mep-Back	Re-Mep-Back
MdAdd	.1.3.6.1.4.1.4641.6.2.3153	NA	NA	Md-Add	Md-Add
MdDel	.1.3.6.1.4.1.4641.6.2.3154	NA	NA	Md-Del	Md-Del
MaAtrChg	.1.3.6.1.4.1.4641.6.2.3155	NA	NA	Ma-Atr-Chg	Ma-Atr-Chg
MaAdd	.1.3.6.1.4.1.4641.6.2.3156	NA	NA	Ma-Add	Ma-Add
MaDel	.1.3.6.1.4.1.4641.6.2.3157	NA	NA	Ma-Del	Ma-Del
MepAtrChg	.1.3.6.1.4.1.4641.6.2.3158	NA	NA	Mep-Atr-Chg	Mep-Atr-Chg
MepAdd	.1.3.6.1.4.1.4641.6.2.3159	NA	NA	Mep-Add	Mep-Add
MepDel	.1.3.6.1.4.1.4641.6.2.3160	NA	NA	Mep-Del	Mep-Del
ExtMaChg	.1.3.6.1.4.1.4641.6.2.3161	NA	NA	Ext-Ma-Chg	Ext-Ma-Chg
ExtGlbChg	.1.3.6.1.4.1.4641.6.2.3162	NA	NA	Ext-Glb-Chg	Ext-Glb-Chg
qosGroupAddV2Trap	.1.3.6.1.4.1.4641.6.2.3300	NA	NA	qos-Group-Add-V2Trap	qos-Group-Add-V2Trap
qosGroupDelV2Trap	.1.3.6.1.4.1.4641.6.2.3301	NA	NA	qos-Group-Del-V2Trap	qos-Group-Del-V2Trap
qosGroupChgV2Trap	.1.3.6.1.4.1.4641.6.2.3302	NA	NA	qos-Group-Chg-V2Trap	qos-Group-Chg-V2Trap
brDot1pInMapAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3303	NA	NA	br-Dot1p-In-Map-Attr-Change-V2Trap	br-Dot1p-In-Map-Attr-Change-V2Trap
brDot1pOutMapAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3304	NA	NA	br-Dot1p-Out-Map-Attr-Change-V2Trap	br-Dot1p-Out-Map-Attr-Change-V2Trap
qosTPAddedV2Trap	.1.3.6.1.4.1.4641.6.2.3305	NA	NA	qos-TP-Added-V2Trap	qos-TP-Added-V2Trap
qosTPDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.3306	NA	NA	qos-TP-Deleted-V2Trap	qos-TP-Deleted-V2Trap
qosTPAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3307	NA	NA	qos-TP-Attr-Change-V2Trap	qos-TP-Attr-Change-V2Trap
qosTPLAddedV2Trap	.1.3.6.1.4.1.4641.6.2.3308	NA	NA	qos-TP-Ladded-V2Trap	qos-TP-Ladded-V2Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
qosTPLDeleteV2Trap	.1.3.6.1.4.1.4641.6.2.3309	NA	NA	qos-TPL-Deleted-V2Trap	qos-TPL-Deleted-V2Trap
qosTPLRuleAddedV2Trap	.1.3.6.1.4.1.4641.6.2.3310	NA	NA	qos-TPL-Rule-Added-V2Trap	qos-TPL-Rule-Added-V2Trap
qosTPLRuleDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.3311	NA	NA	qos-TPL-Rule-Deleted-V2Trap	qos-TPL-Rule-Deleted-V2Trap
qosDscpMapOutputAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3312	NA	NA	qos-Dscp-Map-Out-Attr-Change-V2Trap	qos-Dscp-Map-Out-Attr-Change-V2Trap
qosTPLRuleAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3313	NA	NA	qos-TPL-Rule-Attr-Change-V2Trap	qos-TPL-Rule-Attr-Change-V2Trap
pcmPpgGrpAddedV2Trap	.1.3.6.1.4.1.4641.6.2.3400	NA	NA	pcm-Ppg-Grp-Added-V2Trap	pcm-Ppg-Grp-Added-V2Trap
pcmPpgGrpDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.3401	NA	NA	pcm-Ppg-Grp-Deleted-V2Trap	pcm-Ppg-Grp-Deleted-V2Trap
pcmPpgGrpAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3402	NA	NA	pcm-Ppg-Grp-Attr-ChgDb-Change-V2Trap	pcm-Ppg-Grp-Attr-ChgDb-Change-V2Trap
pcmPpgGrpOnlineV2Trap	.1.3.6.1.4.1.4641.6.2.3403	NA	NA	pcm-Ppg-Grp-Online-V2Trap	pcm-Ppg-Grp-Online-V2Trap
pcmPpgGrpOfflineV2Trap	.1.3.6.1.4.1.4641.6.2.3404	NA	NA	pcm-Ppg-Grp-Offline-V2Trap	pcm-Ppg-Grp-Offline-V2Trap
pcmPpgChnAddedV2Trap	.1.3.6.1.4.1.4641.6.2.3450	NA	NA	pcm-Ppg-Chn-Added-V2Trap	pcm-Ppg-Chn-Added-V2Trap
pcmPpgChnDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.3451	NA	NA	pcm-Ppg-Chn-Deleted-V2Trap	pcm-Ppg-Chn-Deleted-V2Trap
pcmPpgChnAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3452	NA	NA	pcm-Ppg-Chn-Attr-ChgDb-Change-V2Trap	pcm-Ppg-Chn-Attr-ChgDb-Change-V2Trap
pcmPpgChnSwoDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3453	NA	NA	pcm-Ppg-Chn-SwoDbChange-V2Trap	pcm-Ppg-Chn-SwoDbChange-V2Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
trafficFilterAddedV2Trap	.1.3.6.1.4.1.4641.6.2.3500	NA	NA	traffic-Filter-Added-V2Trap	traffic-Filter-Added-V2Trap
trafficFilterDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.3501	NA	NA	traffic-Filter-Deleted-V2Trap	traffic-Filter-Deleted-V2Trap
trafficFilterAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3502	NA	NA	traffic-Filter-Attr-Change-V2Trap	traffic-Filter-Attr-Change-V2Trap
trafficFilterRuleAddedV2Trap	.1.3.6.1.4.1.4641.6.2.3503	NA	NA	traffic-Filter-Rule-Added-V2Trap	traffic-Filter-Rule-Added-V2Trap
trafficFilterRuleDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.3504	NA	NA	traffic-Filter-Rule-Deleted-V2Trap	traffic-Filter-Rule-Deleted-V2Trap
trafficFilterRuleMirrorAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.3505	NA	NA	traffic-Filter-Rule-Mirr-Attr-Chg-V2Trap	traffic-Filter-Rule-Mirr-Attr-Chg-V2Trap
pcmImaAddedV2Trap	.1.3.6.1.4.1.4641.6.2.3600	NA	NA	pcm-Ima-Added-V2Trap	pcm-Ima-Added-V2Trap
pcmImaDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.3601	NA	NA	pcm-Ima-Deleted-V2Trap	pcm-Ima-Deleted-V2Trap
pcmImaAttrChgDbChangeV2Trap	.1.3.6.1.4.1.4641.6.2.3602	NA	NA	pcm-Ima-Attr-ChgDb-Change-V2Trap	pcm-Ima-Attr-ChgDb-Change-V2Trap
pcmImaAdminChgV2Trap_enabled (1)	.1.3.6.1.4.1.4641.6.2.3603	NA	NA	pcm-Ima-Admin-Chg-V2Trap	pcm-Ima-Admin-Chg-V2Trap
pcmImaAdminChgV2Trap_disabled (2)	.1.3.6.1.4.1.4641.6.2.3603	NA	NA	pcm-Ima-Admin-Chg-V2Trap	pcm-Ima-Admin-Chg-V2Trap
pcmImaAdminChgV2Trap_testing (3)	.1.3.6.1.4.1.4641.6.2.3603	NA	NA	pcm-Ima-Admin-Chg-V2Trap	pcm-Ima-Admin-Chg-V2Trap
pcmImaOnlineV2Trap	.1.3.6.1.4.1.4641.6.2.3604	NA	NA	pcm-Ima-Online-V2Trap	pcm-Ima-Online-V2Trap
pcmImaLinkAddedV2Trap	.1.3.6.1.4.1.4641.6.2.3605	NA	NA	pcm-Ima-Link-Added-V2Trap	pcm-Ima-Link-Added-V2Trap
pcmImaLinkDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.3606	NA	NA	pcm-Ima-Link-Deleted-V2Trap	pcm-Ima-Link-Deleted-V2Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pcmImaGrStartupFeV2Trap	.1.3.6.1.4.1.4641.6.2.3607	NA	NA	pcm-Ima-Gr-Startup-Fe-V2Trap	pcm-Ima-Gr-Startup-Fe-V2Trap
pcmImaGrCfgAbortV2Trap	.1.3.6.1.4.1.4641.6.2.3608	NA	NA	pcm-Ima-Gr-Cfg-Abort-V2Trap	pcm-Ima-Gr-Cfg-Abort-V2Trap
pcmImaGrCfgAbortFeV2Trap	.1.3.6.1.4.1.4641.6.2.3609	NA	NA	pcm-Ima-Gr-Cfg-Abort-Fe-V2Trap	pcm-Ima-Gr-Cfg-Abort-Fe-V2Trap
pcmImaGrInsuffLinksV2Trap	.1.3.6.1.4.1.4641.6.2.3610	NA	NA	pcm-Ima-Gr-InsuffLinks-V2Trap	pcm-Ima-Gr-InsuffLinks-V2Trap
pcmImaGrInsuffLinksFeV2Trap	.1.3.6.1.4.1.4641.6.2.3611	NA	NA	pcm-Ima-Gr-InsuffLinks-Fe-V2Trap	pcm-Ima-Gr-InsuffLinks-Fe-V2Trap
pcmImaGrBlockedFeV2Trap	.1.3.6.1.4.1.4641.6.2.3612	NA	NA	pcm-Ima-Gr-Blocked-Fe-V2Trap	pcm-Ima-Gr-Blocked-Fe-V2Trap
pcmImaGrTimingSyncV2Trap	.1.3.6.1.4.1.4641.6.2.3613	NA	NA	pcm-Ima-Gr-Timing-Sync-V2Trap	pcm-Ima-Gr-Timing-Sync-V2Trap
pcmImaGrGTSMDownV2Trap	.1.3.6.1.4.1.4641.6.2.3614	NA	NA	pcm-Ima-Gr-GTSM-Down-V2Trap	pcm-Ima-Gr-GTSM-Down-V2Trap
pcmImaGrXCAlarmV2Trap	.1.3.6.1.4.1.4641.6.2.3615	NA	NA	pcm-Ima-Gr-XC-Alarm-V2Trap	pcm-Ima-Gr-XC-Alarm-V2Trap
pcmImaGrUasV2Trap	.1.3.6.1.4.1.4641.6.2.3616	NA	NA	pcm-Ima-Gr-Uas-V2Trap	pcm-Ima-Gr-Uas-V2Trap
pcmImaGrAllLnkDownV2Trap	.1.3.6.1.4.1.4641.6.2.3617	NA	NA	pcm-Ima-Gr-All-LnkDown-V2Trap	pcm-Ima-Gr-All-LnkDown-V2Trap
pcmImaLnkOnlineV2Trap	.1.3.6.1.4.1.4641.6.2.3650	NA	NA	pcm-Ima-LnkOnline-V2Trap	pcm-Ima-LnkOnline-V2Trap
pcmImaLnkLifV2Trap	.1.3.6.1.4.1.4641.6.2.3651	NA	NA	pcm-Ima-LnkLif-V2Trap	pcm-Ima-LnkLif-V2Trap
pcmImaLnkLodsV2Trap	.1.3.6.1.4.1.4641.6.2.3652	NA	NA	pcm-Ima-LnkLods-V2Trap	pcm-Ima-LnkLods-V2Trap
pcmImaLnkRfiV2Trap	.1.3.6.1.4.1.4641.6.2.3653	NA	NA	pcm-Ima-LnkRfi-V2Trap	pcm-Ima-LnkRfi-V2Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
pcmImaLnkTxMisConV2Trap	.1.3.6.1.4.1.4641.6.2.3654	NA	NA	pcm-Ima-LnkTx-MisCon-V2Trap	pcm-Ima-LnkTx-MisCon-V2Trap
pcmImaLnkRxMisConV2Trap	.1.3.6.1.4.1.4641.6.2.3655	NA	NA	pcm-Ima-LnkRx-MisCon-V2Trap	pcm-Ima-LnkRx-MisCon-V2Trap
pcmImaLnkTxFaultV2Trap	.1.3.6.1.4.1.4641.6.2.3656	NA	NA	pcm-Ima-LnkTx-Fault-V2Trap	pcm-Ima-LnkTx-Fault-V2Trap
pcmImaLnkRxFaultV2Trap	.1.3.6.1.4.1.4641.6.2.3657	NA	NA	pcm-Ima-LnkRx-Fault-V2Trap	pcm-Ima-LnkRx-Fault-V2Trap
pcmImaLnkTxUnuseFeV2Trap	.1.3.6.1.4.1.4641.6.2.3658	NA	NA	pcm-Ima-LnkTxUnuse-Fe-V2Trap	pcm-Ima-LnkTxUnuse-Fe-V2Trap
pcmImaLnkRxUnuseFeV2Trap	.1.3.6.1.4.1.4641.6.2.3659	NA	NA	pcm-Ima-LnkRxUnuse-Fe-V2Trap	pcm-Ima-LnkRxUnuse-Fe-V2Trap
pcmImaLnkUasV2Trap	.1.3.6.1.4.1.4641.6.2.3660	NA	NA	pcm-Ima-LnkUas-V2Trap	pcm-Ima-LnkUas-V2Trap
pcmImaLnkUasFeV2Trap	.1.3.6.1.4.1.4641.6.2.3661	NA	NA	pcm-Ima-LnkUas-Fe-V2Trap	pcm-Ima-LnkUas-Fe-V2Trap
pcmImaLnkNotActV2Trap	.1.3.6.1.4.1.4641.6.2.3662	NA	NA	pcm-Ima-LnkNotAct-V2Trap	pcm-Ima-LnkNotAct-V2Trap
pcmImaLnkAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.3663	NA	NA	pcm-Ima-LnkAttr-Chg-V2Trap	pcm-Ima-LnkAttr-Chg-V2Trap
VcgGrAddV2Trap	.1.3.6.1.4.1.4641.6.2.3700	NA	NA	Vcg-Gr-Add-V2Trap	Vcg-Gr-Add-V2Trap
VcgGrDelV2Trap	.1.3.6.1.4.1.4641.6.2.3701	NA	NA	Vcg-Gr-Del-V2Trap	Vcg-Gr-Del-V2Trap
VcgGrAttrChV2Trap	.1.3.6.1.4.1.4641.6.2.3702	NA	NA	Vcg-Gr-AttrCh-V2Trap	Vcg-Gr-AttrCh-V2Trap
VcgGrAdmChV2Trap	.1.3.6.1.4.1.4641.6.2.3703	NA	NA	Vcg-Gr-AdmCh-V2Trap	Vcg-Gr-AdmCh-V2Trap
VcgGrOnlinV2Trap	.1.3.6.1.4.1.4641.6.2.3704	NA	NA	Vcg-Gr-Onlin-V2Trap	Vcg-Gr-Onlin-V2Trap
VcgMbrAddV2Trap	.1.3.6.1.4.1.4641.6.2.3705	NA	NA	Vcg-Mbr-Add-V2Trap	Vcg-Mbr-Add-V2Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
VcgMbrDelV2Trap	.1.3.6.1.4.1.4641.6.2.3706	NA	NA	Vcg-Mbr-Del-V2Trap	Vcg-Mbr-Del-V2Trap
VcgGrLomV2Trap	.1.3.6.1.4.1.4641.6.2.3707	NA	NA	Vcg-Gr-Lom-V2Trap	Vcg-Gr-Lom-V2Trap
VcgGrSqmV2Trap	.1.3.6.1.4.1.4641.6.2.3708	NA	NA	Vcg-Gr-Sqm-V2Trap	Vcg-Gr-Sqm-V2Trap
VcgGrLoaV2Trap	.1.3.6.1.4.1.4641.6.2.3709	NA	NA	Vcg-Gr-Loa-V2Trap	Vcg-Gr-Loa-V2Trap
VcgGrLfdV2Trap	.1.3.6.1.4.1.4641.6.2.3710	NA	NA	Vcg-Gr-Lfd-V2Trap	Vcg-Gr-Lfd-V2Trap
VcgGrLocsV2Trap	.1.3.6.1.4.1.4641.6.2.3711	NA	NA	Vcg-Gr-Locs-V2Trap	Vcg-Gr-Locs-V2Trap
VcgGrLoccsV2Trap	.1.3.6.1.4.1.4641.6.2.3712	NA	NA	Vcg-Gr-Loccs-V2Trap	Vcg-Gr-Loccs-V2Trap
VcgGrXconnV2Trap	.1.3.6.1.4.1.4641.6.2.3713	NA	NA	Vcg-Gr-Xconn-V2Trap	Vcg-Gr-Xconn-V2Trap
VcgGrMbrDnV2Trap	.1.3.6.1.4.1.4641.6.2.3714	NA	NA	Vcg-Gr-MbrDn-V2Trap	Vcg-Gr-MbrDn-V2Trap
VcgGrMAAtChV2Trap	.1.3.6.1.4.1.4641.6.2.3715	NA	NA	Vcg-Gr-MAAtCh-V2Trap	Vcg-Gr-MAAtCh-V2Trap
VcgGrMisMV2Trap	.1.3.6.1.4.1.4641.6.2.3716	NA	NA	Vcg-Gr-MisM-V2Trap	Vcg-Gr-MisM-V2Trap
VcgGrFLoCV2Trap	.1.3.6.1.4.1.4641.6.2.3717	NA	NA	Vcg-Gr-FLoC-V2Trap	Vcg-Gr-FLoC-V2Trap
VcgGrInfEvV2Trap	.1.3.6.1.4.1.4641.6.2.3718	NA	NA	Vcg-Gr-InfEv-V2Trap	Vcg-Gr-InfEv-V2Trap
VcgPtAtrChV2Trap	.1.3.6.1.4.1.4641.6.2.3719	NA	NA	Vcg-Pt-AtrCh-V2Trap	Vcg-Pt-AtrCh-V2Trap
OntLosV2Trap	.1.3.6.1.4.1.4641.6.2.3800	NA	NA	Ont-Los-V2Trap	Ont-Los-V2Trap
OntSfV2Trap	.1.3.6.1.4.1.4641.6.2.3801	NA	NA	Ont-Sf-V2Trap	Ont-Sf-V2Trap
OntSdV2Trap	.1.3.6.1.4.1.4641.6.2.3802	NA	NA	Ont-Sd-V2Trap	Ont-Sd-V2Trap
OntLofV2Trap	.1.3.6.1.4.1.4641.6.2.3803	NA	NA	Ont-Lof-V2Trap	Ont-Lof-V2Trap
OntLcdV2Trap	.1.3.6.1.4.1.4641.6.2.3804	NA	NA	Ont-Lcd-V2Trap	Ont-Lcd-V2Trap
OntCpeV2Trap	.1.3.6.1.4.1.4641.6.2.3805	NA	NA	Ont-Cpe-V2Trap	Ont-Cpe-V2Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
OntLoaV2Trap	.1.3.6.1.4.1.4641.6.2.3806	NA	NA	Ont-Loa-V2Trap	Ont-Loa-V2Trap
OntDgV2Trap	.1.3.6.1.4.1.4641.6.2.3807	NA	NA	Ont-Dg-V2Trap	Ont-Dg-V2Trap
OntOamlV2Trap	.1.3.6.1.4.1.4641.6.2.3808	NA	NA	Ont-Oaml-V2Trap	Ont-Oaml-V2Trap
OntRdiV2Trap	.1.3.6.1.4.1.4641.6.2.3809	NA	NA	Ont-Rdi-V2Trap	Ont-Rdi-V2Trap
OntSufV2Trap	.1.3.6.1.4.1.4641.6.2.3810	NA	NA	Ont-Suf-V2Trap	Ont-Suf-V2Trap
OntSdfV2Trap	.1.3.6.1.4.1.4641.6.2.3811	NA	NA	Ont-Sdf-V2Trap	Ont-Sdf-V2Trap
OntMeaV2Trap	.1.3.6.1.4.1.4641.6.2.3812	NA	NA	Ont-Mea-V2Trap	Ont-Mea-V2Trap
UnexpOntV2Trap	.1.3.6.1.4.1.4641.6.2.3813	NA	NA	Unexp-Ont-V2Trap	Unexp-Ont-V2Trap
OntOorV2Trap	.1.3.6.1.4.1.4641.6.2.3814	NA	NA	Ont-Oor-V2Trap	Ont-Oor-V2Trap
MEMV2Trap	.1.3.6.1.4.1.4641.6.2.3815	NA	NA	MEM-V2Trap	MEM-V2Trap
ActivatedV2Trap	.1.3.6.1.4.1.4641.6.2.3816	NA	NA	Activated-V2Trap	Activated-V2Trap
DeActiveV2TrapV2Trap	.1.3.6.1.4.1.4641.6.2.3817	NA	NA	DeActive-V2Trap	DeActive-V2Trap
RFUPV2Trap	.1.3.6.1.4.1.4641.6.2.3818	NA	NA	RFUP-V2Trap	RFUP-V2Trap
LossOfkeyV2Trap	.1.3.6.1.4.1.4641.6.2.3819	NA	NA	LossOfkey-V2Trap	LossOfkey-V2Trap
OntAddedV2Trap	.1.3.6.1.4.1.4641.6.2.3820	NA	NA	Ont-Added-V2Trap	Ont-Added-V2Trap
OntDeletedV2Trap	.1.3.6.1.4.1.4641.6.2.3821	NA	NA	Ont-Deleted-V2Trap	Ont-Deleted-V2Trap
OntEnableV2Trap	.1.3.6.1.4.1.4641.6.2.3822	NA	NA	Ont-Enable-V2Trap	Ont-Enable-V2Trap
OntDisableV2Trap	.1.3.6.1.4.1.4641.6.2.3823	NA	NA	Ont-Disable-V2Trap	Ont-Disable-V2Trap
OntAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.3824	NA	NA	Ont-AttrChg-V2Trap	Ont-AttrChg-V2Trap
OntPortEnV2Trap	.1.3.6.1.4.1.4641.6.2.3825	NA	NA	Ont-PortEn-V2Trap	Ont-PortEn-V2Trap
OntPortDisV2Trap	.1.3.6.1.4.1.4641.6.2.3826	NA	NA	Ont-PortDis-V2Trap	Ont-PortDis-V2Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
OntPortChgV2Trap	.1.3.6.1.4.1.4641.6.2.3827	NA	NA	Ont-PortChg-V2Trap	Ont-PortChg-V2Trap
OntMltTestV2Trap	.1.3.6.1.4.1.4641.6.2.3828	NA	NA	Ont-MltTest-V2Trap	Ont-MltTest-V2Trap
OntDbdtTstV2Trap	.1.3.6.1.4.1.4641.6.2.3829	NA	NA	Ont-DbdtTst-V2Trap	Ont-DbdtTst-V2Trap
OntConnTstV2Trap	.1.3.6.1.4.1.4641.6.2.3830	NA	NA	Ont-ConnTst-V2Trap	Ont-ConnTst-V2Trap
OntEtLbTstV2Trap	.1.3.6.1.4.1.4641.6.2.3831	NA	NA	Ont-EtLbTst-V2Trap	Ont-EtLbTst-V2Trap
RoguOntTstV2Trap	.1.3.6.1.4.1.4641.6.2.3832	NA	NA	Rogu-OntTst-V2Trap	Rogu-OntTst-V2Trap
OntRmtDbgV2Trap	.1.3.6.1.4.1.4641.6.2.3833	NA	NA	Ont-RmtDbg-V2Trap	Ont-RmtDbg-V2Trap
OntMpcV2Trap	.1.3.6.1.4.1.4641.6.2.3834	NA	NA	Ont-Mpc-V2Trap	Ont-Mpc-V2Trap
OntDbMisV2Trap	.1.3.6.1.4.1.4641.6.2.3835	NA	NA	Ont-DbMis-V2Trap	Ont-DbMis-V2Trap
OmccLinkFlV2Trap	.1.3.6.1.4.1.4641.6.2.3836	NA	NA	Omcc-LinkFl-V2Trap	Omcc-LinkFl-V2Trap
OntCatLosV2Trap	.1.3.6.1.4.1.4641.6.2.3900	NA	NA	Ont-CatLos-V2Trap	Ont-CatLos-V2Trap
PonCatLosV2Trap	.1.3.6.1.4.1.4641.6.2.3901	NA	NA	Pon-CatLos-V2Trap	Pon-CatLos-V2Trap
OntCatSdV2Trap	.1.3.6.1.4.1.4641.6.2.3902	NA	NA	Ont-CatSd-V2Trap	Ont-CatSd-V2Trap
PonCatSdV2Trap	.1.3.6.1.4.1.4641.6.2.3903	NA	NA	Pon-CatSd-V2Trap	Pon-CatSd-V2Trap
OntCatOvV2Trap	.1.3.6.1.4.1.4641.6.2.3904	NA	NA	Ont-CatOv-V2Trap	Ont-CatOv-V2Trap
PonCatOvV2Trap	.1.3.6.1.4.1.4641.6.2.3905	NA	NA	Pon-CatOv-V2Trap	Pon-CatOv-V2Trap
DhcpNoRsV2Trap	.1.3.6.1.4.1.4641.6.2.3906	NA	NA	Dhcp-NoRs-V2Trap	Dhcp-NoRs-V2Trap
DhcpIncRsV2Trap	.1.3.6.1.4.1.4641.6.2.3907	NA	NA	Dhcp-IncRs-V2Trap	Dhcp-IncRs-V2Trap
CssCrdnV2Trap	.1.3.6.1.4.1.4641.6.2.3908	NA	NA	Css-Crdn-V2Trap	Css-Crdn-V2Trap
CssTcpOseV2Trap	.1.3.6.1.4.1.4641.6.2.3909	NA	NA	Css-TcpOse-V2Trap	Css-TcpOse-V2Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
CssSesErrV2Trap	.1.3.6.1.4.1.4641.6.2.3910	NA	NA	Css-SesErr-V2Trap	Css-SesErr-V2Trap
CssAuthErrV2Trap	.1.3.6.1.4.1.4641.6.2.3911	NA	NA	Css-AuthErr-V2Trap	Css-AuthErr-V2Trap
CssTmOutV2Trap	.1.3.6.1.4.1.4641.6.2.3912	NA	NA	Css-TmOut-V2Trap	Css-TmOut-V2Trap
CssSrvrFlV2Trap	.1.3.6.1.4.1.4641.6.2.3913	NA	NA	Css-SrvrFl-V2Trap	Css-SrvrFl-V2Trap
CsrCrdnV2Trap	.1.3.6.1.4.1.4641.6.2.3914	NA	NA	Csr-Crdn-V2Trap	Csr-Crdn-V2Trap
CsrTcpOseV2Trap	.1.3.6.1.4.1.4641.6.2.3915	NA	NA	Csr-TcpOse-V2Trap	Csr-TcpOse-V2Trap
CsrSesErrV2Trap	.1.3.6.1.4.1.4641.6.2.3916	NA	NA	Csr-SesErr-V2Trap	Csr-SesErr-V2Trap
CsrAuthErrV2Trap	.1.3.6.1.4.1.4641.6.2.3917	NA	NA	Csr-AuthErr-V2Trap	Csr-AuthErr-V2Trap
CsrTmOutV2Trap	.1.3.6.1.4.1.4641.6.2.3918	NA	NA	Csr-TmOut-V2Trap	Csr-TmOut-V2Trap
CsrSrvrFlV2Trap	.1.3.6.1.4.1.4641.6.2.3919	NA	NA	Csr-SrvrFl-V2Trap	Csr-SrvrFl-V2Trap
CsrMalDoc	.1.3.6.1.4.1.4641.6.2.3920	NA	NA	Csr-MalDoc	Csr-MalDoc
UaCrdnV2Trap	.1.3.6.1.4.1.4641.6.2.3921	NA	NA	Ua-Crdn-V2Trap	Ua-Crdn-V2Trap
UaTcpOseV2Trap	.1.3.6.1.4.1.4641.6.2.3922	NA	NA	Ua-TcpOse-V2Trap	Ua-TcpOse-V2Trap
UaSesErrV2Trap	.1.3.6.1.4.1.4641.6.2.3923	NA	NA	Ua-SesErr-V2Trap	Ua-SesErr-V2Trap
UaAuthErrV2Trap	.1.3.6.1.4.1.4641.6.2.3924	NA	NA	Ua-AuthErr-V2Trap	Ua-AuthErr-V2Trap
UaTmOutV2Trap	.1.3.6.1.4.1.4641.6.2.3925	NA	NA	Ua-TmOut-V2Trap	Ua-TmOut-V2Trap
UaSrvrFlV2Trap	.1.3.6.1.4.1.4641.6.2.3926	NA	NA	Ua-SrvrFl-V2Trap	Ua-SrvrFl-V2Trap
OntEqFailV2Trap	.1.3.6.1.4.1.4641.6.2.3927	NA	NA	Ont-EqFail-V2Trap	Ont-EqFail-V2Trap
OntPwAlmV2Trap	.1.3.6.1.4.1.4641.6.2.3928	NA	NA	Ont-PwAlm-V2Trap	Ont-PwAlm-V2Trap
OntBatMisV2Trap	.1.3.6.1.4.1.4641.6.2.3929	NA	NA	Ont-BatMis-V2Trap	Ont-BatMis-V2Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
OntBatFIV2Trap	.1.3.6.1.4.1.4641.6.2.3930	NA	NA	Ont-BatFI-V2Trap	Ont-BatFI-V2Trap
OntBatLowV2Trap	.1.3.6.1.4.1.4641.6.2.3931	NA	NA	Ont-BatLow-V2Trap	Ont-BatLow-V2Trap
OntLanLosV2Trap	.1.3.6.1.4.1.4641.6.2.3932	NA	NA	Ont-LanLos-V2Trap	Ont-LanLos-V2Trap
OntEthLpV2Trap	.1.3.6.1.4.1.4641.6.2.3933	NA	NA	Ont-EthLp-V2Trap	Ont-EthLp-V2Trap
VdsNeLofV2Trap	.1.3.6.1.4.1.4641.6.2.3934	NA	NA	Vds-NeLof-V2Trap	Vds-NeLof-V2Trap
VdsNeLosV2Trap	.1.3.6.1.4.1.4641.6.2.3935	NA	NA	Vds-NeLos-V2Trap	Vds-NeLos-V2Trap
VdsFeLosV2Trap	.1.3.6.1.4.1.4641.6.2.3936	NA	NA	Vds-FeLos-V2Trap	Vds-FeLos-V2Trap
VdsFeLofV2Trap	.1.3.6.1.4.1.4641.6.2.3937	NA	NA	Vds-FeLof-V2Trap	Vds-FeLof-V2Trap
VdsFeLprV2Trap	.1.3.6.1.4.1.4641.6.2.3938	NA	NA	Vds-FeLpr-V2Trap	Vds-FeLpr-V2Trap
VdsLnFIV2Trap	.1.3.6.1.4.1.4641.6.2.3939	NA	NA	Vds-LnFI-V2Trap	Vds-LnFI-V2Trap
VdsNeLolV2Trap	.1.3.6.1.4.1.4641.6.2.3940	NA	NA	Vds-NeLol-V2Trap	Vds-NeLol-V2Trap
VdsFeLolV2Trap	.1.3.6.1.4.1.4641.6.2.3941	NA	NA	Vds-FeLol-V2Trap	Vds-FeLol-V2Trap
MocALolV2Trap	.1.3.6.1.4.1.4641.6.2.3942	NA	NA	Moc-ALol-V2Trap	Moc-ALol-V2Trap
MocALIV2Trap	.1.3.6.1.4.1.4641.6.2.3943	NA	NA	Moc-ALl-V2Trap	Moc-ALl-V2Trap
MocALpbkV2Trap	.1.3.6.1.4.1.4641.6.2.3944	NA	NA	Moc-ALpbk-V2Trap	Moc-ALpbk-V2Trap
VoiceGsfaV2Trap	.1.3.6.1.4.1.4641.6.2.3945	NA	NA	Voice-Gsfa-V2Trap	Voice-Gsfa-V2Trap
VdslLpbkV2Trap	.1.3.6.1.4.1.4641.6.2.3946	NA	NA	Vdsl-Lpbk-V2Trap	Vdsl-Lpbk-V2Trap
ExtAlm1V2Trap	.1.3.6.1.4.1.4641.6.2.3947	NA	NA	Ext-Alm1-V2Trap	Ext-Alm1-V2Trap
ExtAlm2V2Trap	.1.3.6.1.4.1.4641.6.2.3948	NA	NA	Ext-Alm2-V2Trap	Ext-Alm2-V2Trap
ExtAlm3V2Trap	.1.3.6.1.4.1.4641.6.2.3949	NA	NA	Ext-Alm3-V2Trap	Ext-Alm3-V2Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
ExtAlm4V2Trap	.1.3.6.1.4.1.4641.6.2.3950	NA	NA	Ext-Alm4-V2Trap	Ext-Alm4-V2Trap
ExtAlm5V2Trap	.1.3.6.1.4.1.4641.6.2.3951	NA	NA	Ext-Alm5-V2Trap	Ext-Alm5-V2Trap
AlarmDropV2Trap	.1.3.6.1.4.1.4641.6.2.3952	NA	NA	Alarm-Drop-V2Trap	Alarm-Drop-V2Trap
OntRxPwrLoV2Trap	.1.3.6.1.4.1.4641.6.2.3953	NA	NA	Ont-Rx-PwrLo-V2Trap	Ont-Rx-PwrLo-V2Trap
PonRxPwrLoV2Trap	.1.3.6.1.4.1.4641.6.2.3954	NA	NA	Pon-Rx-PwrLo-V2Trap	Pon-Rx-PwrLo-V2Trap
OntRxPwrHiV2Trap	.1.3.6.1.4.1.4641.6.2.3955	NA	NA	Ont-Rx-PwrHi-V2Trap	Ont-Rx-PwrHi-V2Trap
PonRxPwrHiV2Trap	.1.3.6.1.4.1.4641.6.2.3956	NA	NA	Pon-RxPwrHi-V2Trap	Pon-RxPwrHi-V2Trap
bfdSessionUpV2Trap	.1.3.6.1.4.1.4641.6.2.4000	NA	NA	bfd-SessionUp-V2Trap	bfd-SessionUp-V2Trap
bfdSessionDownV2Trap	.1.3.6.1.4.1.4641.6.2.4001	NA	NA	bfd-SessionDown-V2Trap	bfd-SessionDown-V2Trap
bfdSessAttrChangeV2Trap	.1.3.6.1.4.1.4641.6.2.4002	NA	NA	bfd-SessAttrChange-V2Trap	bfd-SessAttrChange-V2Trap
bfdIntfAddV2Trap	.1.3.6.1.4.1.4641.6.2.4003	NA	NA	bfd-IntfAdd-V2Trap	bfd-IntfAdd-V2Trap
bfdIntfModV2Trap	.1.3.6.1.4.1.4641.6.2.4004	NA	NA	bfd-IntfMod-V2Trap	bfd-IntfMod-V2Trap
bfdIntfDelV2Trap	.1.3.6.1.4.1.4641.6.2.4005	NA	NA	bfd-IntfDel-V2Trap	bfd-IntfDel-V2Trap
bfdSessMaxThreshV2Trap	.1.3.6.1.4.1.4641.6.2.4006	NA	NA	bfd-SessMaxThresh-V2Trap	bfd-SessMaxThresh-V2Trap
bfdSessLowThreshV2Trap	.1.3.6.1.4.1.4641.6.2.4007	NA	NA	bfd-SessLowThresh-V2Trap	bfd-SessLowThresh-V2Trap
BfdSesPsChV2Trap	.1.3.6.1.4.1.4641.6.2.4008	NA	NA	Bfd-SesPsCh-V2Trap	Bfd-SesPsCh-V2Trap
BfdSesBkChV2Trap	.1.3.6.1.4.1.4641.6.2.4009	NA	NA	Bfd-SesBkCh-V2Trap	Bfd-SesBkCh-V2Trap
MlGrpUpV2Trap	.1.3.6.1.4.1.4641.6.2.4050	NA	NA	Ml-GrpUp-V2Trap	Ml-GrpUp-V2Trap
MlGrpDownV2Trap	.1.3.6.1.4.1.4641.6.2.4051	NA	NA	Ml-GrpDown-V2Trap	Ml-GrpDown-V2Trap
MlAddLnkV2Trap	.1.3.6.1.4.1.4641.6.2.4052	NA	NA	Ml-AddLnk-V2Trap	Ml-AddLnk-V2Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
MI DelLnkV2Trap	.1.3.6.1.4.1.4641.6.2.4053	NA	NA	MI-DelLnk-V2Trap	MI-DelLnk-V2Trap
MI CfgChgV2Trap	.1.3.6.1.4.1.4641.6.2.4054	NA	NA	MI-CfgChg-V2Trap	MI-CfgChg-V2Trap
MI GrpAddV2Trap	.1.3.6.1.4.1.4641.6.2.4055	NA	NA	MI-GrpAdd-V2Trap	MI-GrpAdd-V2Trap
MI GrpDelV2Trap	.1.3.6.1.4.1.4641.6.2.4056	NA	NA	MI-GrpDel-V2Trap	MI-GrpDel-V2Trap
MI GrAdmChV2Trap	.1.3.6.1.4.1.4641.6.2.4057	NA	NA	MI-GrAdmCh-V2Trap	MI-GrAdmCh-V2Trap
MI LnkUpV2Trap	.1.3.6.1.4.1.4641.6.2.4058	NA	NA	MI-LnkUp-V2Trap	MI-LnkUp-V2Trap
MI LnkDownV2Trap	.1.3.6.1.4.1.4641.6.2.4059	NA	NA	MI-LnkDown-V2Trap	MI-LnkDown-V2Trap
MI LnkChgV2Trap	.1.3.6.1.4.1.4641.6.2.4060	NA	NA	MI-LnkChg-V2Trap	MI-LnkChg-V2Trap
MirInsAdd mirrInstAddV2Trap	.1.3.6.1.4.1.4641.6.2.4100	NA	NA	MirInsAdd- mirrInstAdd-V2Trap	MirInsAdd-mirrInstAdd-V2Trap
MirInsDelV2Trap	.1.3.6.1.4.1.4641.6.2.4101	NA	NA	MirInsDel-V2Trap	MirInsDel-V2Trap
MirTarAddV2Trap	.1.3.6.1.4.1.4641.6.2.4102	NA	NA	MirTarAdd-V2Trap	MirTarAdd-V2Trap
MirTarDelV2Trap	.1.3.6.1.4.1.4641.6.2.4103	NA	NA	MirTarDel-V2Trap	MirTarDel-V2Trap
MirTaAtrChV2Trap	.1.3.6.1.4.1.4641.6.2.4104	NA	NA	MirTaAtrCh-V2Trap	MirTaAtrCh-V2Trap
MirTaAdmChV2Trap	.1.3.6.1.4.1.4641.6.2.4105	NA	NA	MirTaAdmCh-V2Trap	MirTaAdmCh-V2Trap
MirTarUpV2Trap	.1.3.6.1.4.1.4641.6.2.4106	NA	NA	MirTarUp-V2Trap	MirTarUp-V2Trap
MirTarDnV2Trap	.1.3.6.1.4.1.4641.6.2.4107	NA	NA	MirTarDn-V2Trap	MirTarDn-V2Trap
vrrpMasStV2Trap	.1.3.6.1.4.1.4641.6.2.4150	NA	NA	vrrp-MasSt-V2Trap	vrrp-MasSt-V2Trap
vrrpAuthV2Trap	.1.3.6.1.4.1.4641.6.2.4151	NA	NA	vrrp-Auth-V2Trap	vrrp-Auth-V2Trap
vrrpMasRIV2Trap	.1.3.6.1.4.1.4641.6.2.4152	NA	NA	vrrp-MasRI-V2Trap	vrrp-MasRI-V2Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
vrPktErrV2Trap	.1.3.6.1.4.1.4641.6.2.4153	NA	NA	vrPktErr-V2Trap	vrPktErr-V2Trap
vrIfPktErrV2Trap	.1.3.6.1.4.1.4641.6.2.4154	NA	NA	vrIfPktErr-V2Trap	vrIfPktErr-V2Trap
vrrpVRAddV2Trap	.1.3.6.1.4.1.4641.6.2.4155	NA	NA	vrrp-VRAdd-V2Trap	vrrp-VRAdd-V2Trap
vrrpVRDelV2Trap	.1.3.6.1.4.1.4641.6.2.4156	NA	NA	vrrp-VRDel-V2Trap	vrrp-VRDel-V2Trap
vrrpVRAtChV2Trap	.1.3.6.1.4.1.4641.6.2.4157	NA	NA	vrrp-VRAtCh-V2Trap	vrrp-VRAtCh-V2Trap
vrrpVRAdV2Trap	.1.3.6.1.4.1.4641.6.2.4158	NA	NA	vrrp-VRAd-V2Trap	vrrp-VRAd-V2Trap
vrrpVROpUpV2Trap	.1.3.6.1.4.1.4641.6.2.4159	NA	NA	vrrp-VROpUp-V2Trap	vrrp-VROpUp-V2Trap
vrrpVROpDnV2Trap	.1.3.6.1.4.1.4641.6.2.4160	NA	NA	vrrp-VROpDn-V2Trap	vrrp-VROpDn-V2Trap
VRTrIfAddV2Trap	.1.3.6.1.4.1.4641.6.2.4161	NA	NA	VRTrIfAdd-V2Trap	VRTrIfAdd-V2Trap
VRTrIfDelV2Trap	.1.3.6.1.4.1.4641.6.2.4162	NA	NA	VRTrIfDel-V2Trap	VRTrIfDel-V2Trap
VRTrIfChgV2Trap	.1.3.6.1.4.1.4641.6.2.4163	NA	NA	VRTrIfChg-V2Trap	VRTrIfChg-V2Trap
VRIpAdrAddV2Trap	.1.3.6.1.4.1.4641.6.2.4164	NA	NA	VRIpAdrAdd-V2Trap	VRIpAdrAdd-V2Trap
VRIpAdrDelV2Trap	.1.3.6.1.4.1.4641.6.2.4165	NA	NA	VRIpAdrDel-V2Trap	VRIpAdrDel-V2Trap
IptvLosStrV2Trap	.1.3.6.1.4.1.4641.6.2.4200	NA	NA	IptvLosStr-V2Trap	IptvLosStr-V2Trap
Os3GlblAtrV2Trap	.1.3.6.1.4.1.4641.6.2.4501	NA	NA	Os3-GlblAtr-V2Trap	Os3-GlblAtr-V2Trap
Os3GlblCntV2Trap	.1.3.6.1.4.1.4641.6.2.4502	NA	NA	Os3-GlblCnt-V2Trap	Os3-GlblCnt-V2Trap
Os3GlblPrcV2Trap	.1.3.6.1.4.1.4641.6.2.4503	NA	NA	Os3-GlblPrc-V2Trap	Os3-GlblPrc-V2Trap
Os3AreaAtrV2Trap	.1.3.6.1.4.1.4641.6.2.4504	NA	NA	Os3-AreaAtr-V2Trap	Os3-AreaAtr-V2Trap
Os3AreaAddV2Trap	.1.3.6.1.4.1.4641.6.2.4505	NA	NA	Os3-AreaAdd-V2Trap	Os3-AreaAdd-V2Trap
Os3AreaDelV2Trap	.1.3.6.1.4.1.4641.6.2.4506	NA	NA	Os3-AreaDel-V2Trap	Os3-AreaDel-V2Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
Os3IfAtrV2Trap	.1.3.6.1.4.1.4641.6.2.4507	NA	NA	Os3-IfAtr-V2Trap	Os3-IfAtr-V2Trap
Os3RdstAddV2Trap	.1.3.6.1.4.1.4641.6.2.4508	NA	NA	Os3-RdstAdd-V2Trap	Os3-RdstAdd-V2Trap
Os3RdstDelV2Trap	.1.3.6.1.4.1.4641.6.2.4509	NA	NA	Os3-RdstDel-V2Trap	Os3-RdstDel-V2Trap
Os3VIfAddV2Trap	.1.3.6.1.4.1.4641.6.2.4510	NA	NA	Os3-VIfAdd-V2Trap	Os3-VIfAdd-V2Trap
Os3VIfDelV2Trap	.1.3.6.1.4.1.4641.6.2.4511	NA	NA	Os3-VIfDel-V2Trap	Os3-VIfDel-V2Trap
Os3VIfAtrV2Trap	.1.3.6.1.4.1.4641.6.2.4512	NA	NA	Os3-VIfAtr-V2Trap	Os3-VIfAtr-V2Trap
Os3AdminV2Trap	.1.3.6.1.4.1.4641.6.2.4513	NA	NA	Os3-Admin-V2Trap	Os3-Admin-V2Trap
Os3OlStChgV2Trap	.1.3.6.1.4.1.4641.6.2.4514	NA	NA	Os3-OlStChg-V2Trap	Os3-OlStChg-V2Trap
Os3OpUpV2Trap	.1.3.6.1.4.1.4641.6.2.4515	NA	NA	Os3-OpUp-V2Trap	Os3-OpUp-V2Trap
Os3OpDownV2Trap	.1.3.6.1.4.1.4641.6.2.4516	NA	NA	Os3-OpDown-V2Trap	Os3-OpDown-V2Trap
Os3NssaTRIV2Trap	.1.3.6.1.4.1.4641.6.2.4517	NA	NA	Os3-NssaTRI-V2Trap	Os3-NssaTRI-V2Trap
Os3NssaTStV2Trap	.1.3.6.1.4.1.4641.6.2.4518	NA	NA	Os3-NssaTSt-V2Trap	Os3-NssaTSt-V2Trap
Os3AggrAddV2Trap	.1.3.6.1.4.1.4641.6.2.4519	NA	NA	Os3-AggrAdd-V2Trap	Os3-AggrAdd-V2Trap
Os3AggrDelV2Trap	.1.3.6.1.4.1.4641.6.2.4520	NA	NA	Os3-AggrDel-V2Trap	Os3-AggrDel-V2Trap
Os3AggrChgV2Trap	.1.3.6.1.4.1.4641.6.2.4521	NA	NA	Os3-AggrChg-V2Trap	Os3-AggrChg-V2Trap
Os3LsaHiThV2Trap	.1.3.6.1.4.1.4641.6.2.4522	NA	NA	Os3-LsaHiTh-V2Trap	Os3-LsaHiTh-V2Trap
Os3LsaLoThV2Trap	.1.3.6.1.4.1.4641.6.2.4523	NA	NA	Os3-LsaLoTh-V2Trap	Os3-LsaLoTh-V2Trap
Os3MxLsaExV2Trap	.1.3.6.1.4.1.4641.6.2.4524	NA	NA	Os3-MxLsaEx-V2Trap	Os3-MxLsaEx-V2Trap
Os3MxLsaClV2Trap	.1.3.6.1.4.1.4641.6.2.4525	NA	NA	Os3-MxLsaCl-V2Trap	Os3-MxLsaCl-V2Trap
Os3RedHiThV2Trap	.1.3.6.1.4.1.4641.6.2.4526	NA	NA	Os3-RedHiTh-V2Trap	Os3-RedHiTh-V2Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
Os3RedLoTh V2Trap	.1.3.6.1.4.1.4641.6.2.4527	NA	NA	Os3-RedLoTh-V2Trap	Os3-RedLoTh -V2Trap
Os3MxRedEx V2Trap	.1.3.6.1.4.1.4641.6.2.4528	NA	NA	Os3-MxRedEx-V2Trap	Os3-MxRedE x-V2Trap
Os3MxRedCl V2Trap	.1.3.6.1.4.1.4641.6.2.4529	NA	NA	Os3-MxRedCl-V2Trap	Os3-MxRedCl -V2Trap
Os3ExIfChgV 2Trap	.1.3.6.1.4.1.4641.6.2.4530	NA	NA	Os3-ExIfChg-V2Trap	Os3-ExIfChg- V2Trap
Os3ExVIfChV 2Trap	.1.3.6.1.4.1.4641.6.2.4531	NA	NA	Os3-ExVIfCh-V2Trap	Os3-ExVIfCh -V2Trap
Os3ExNbrCh V2Trap	.1.3.6.1.4.1.4641.6.2.4532	NA	NA	Os3-ExNbrCh-V2Trap	Os3-ExNbrCh -V2Trap
Os3ExVNbCh V2Trap	.1.3.6.1.4.1.4641.6.2.4533	NA	NA	Os3-ExVNbCh-V2Trap	Os3-ExVNbC h-V2Trap
Os3ExIfCErV 2Trap	.1.3.6.1.4.1.4641.6.2.4534	NA	NA	Os3-ExIfCEr-V2Trap	Os3-ExIfCEr- V2Trap
Os3XVIfCErV 2Trap	.1.3.6.1.4.1.4641.6.2.4535	NA	NA	Os3-XVIfCEr-V2Trap	Os3-XVIfCEr -V2Trap
Os3ExNbrDn V2Trap	.1.3.6.1.4.1.4641.6.2.4536	NA	NA	Os3-ExNbrDn-V2Trap	Os3-ExNbrDn -V2Trap
Os3XNbrGrR V2Trap	.1.3.6.1.4.1.4641.6.2.4537	NA	NA	Os3-XNbrGrR-V2Trap	Os3-XNbrGrR -V2Trap
Os3XNbrGrD V2Trap	.1.3.6.1.4.1.4641.6.2.4538	NA	NA	Os3-XNbrGrD-V2Trap	Os3-XNbrGr D-V2Trap
Os3XVNbGrR V2Trap	.1.3.6.1.4.1.4641.6.2.4539	NA	NA	Os3-XVNbGrR-V2Trap	Os3-XVNbGr R-V2Trap
Os3XVNbGrD V2Trap	.1.3.6.1.4.1.4641.6.2.4540	NA	NA	Os3-XVNbGrD-V2Trap	Os3-XVNbGr D-V2Trap
Os3ArDupRtV 2Trap	.1.3.6.1.4.1.4641.6.2.4541	NA	NA	Os3-ArDupRt-V2Trap	Os3-ArDupRt -V2Trap
Os3OrigLsaV 2Trap	.1.3.6.1.4.1.4641.6.2.4542	NA	NA	Os3-OrigLsa-V2Trap	Os3-OrigLsa- V2Trap
Os3MaxAgLs V2Trap	.1.3.6.1.4.1.4641.6.2.4543	NA	NA	Os3-MaxAgLs-V2Trap	Os3-MaxAgL s-V2Trap
LacpGlbChV2 Trap	.1.3.6.1.4.1.4641.6.2.4600	NA	NA	Lacp-GlbCh-V2Trap	Lacp-GlbCh- V2Trap
LacpAdmnCh V2Trap	.1.3.6.1.4.1.4641.6.2.4601	NA	NA	Lacp-AdmnCh-V2Trap	Lacp-AdmnC h-V2Trap

Table 10-27 **Tellabs V2 Traps (Continued)**

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
LacpUpV2Trap	.1.3.6.1.4.1.4641.6.2.4602	NA	NA	Lacp-Up-V2Trap	Lacp-Up-V2Trap
LacpDownV2Trap	.1.3.6.1.4.1.4641.6.2.4603	NA	NA	Lacp-Down-V2Trap	Lacp-Down-V2Trap
CertWarn1V2Trap	.1.3.6.1.4.1.4641.6.2.5000	NA	NA	Cert-Warn1-V2Trap	Cert-Warn1-V2Trap
CertWarn2V2Trap	.1.3.6.1.4.1.4641.6.2.5001	NA	NA	Cert-Warn2-V2Trap	Cert-Warn2-V2Trap
CertWarn3V2Trap	.1.3.6.1.4.1.4641.6.2.5002	NA	NA	Cert-Warn3-V2Trap	Cert-Warn3-V2Trap
IPSecEnaV2Trap	.1.3.6.1.4.1.4641.6.2.5003	NA	NA	IPSec-Ena-V2Trap	IPSec-Ena-V2Trap
IPSecSaNegV2Trap	.1.3.6.1.4.1.4641.6.2.5004	NA	NA	IPSec-SaNeg-V2Trap	IPSec-SaNeg-V2Trap
IPSecSaSucV2Trap	.1.3.6.1.4.1.4641.6.2.5005	NA	NA	IPSec-SaSuc-V2Trap	IPSec-SaSuc-V2Trap
IPSecSaFltV2Trap	.1.3.6.1.4.1.4641.6.2.5006	NA	NA	IPSec-SaFlt-V2Trap	IPSec-SaFlt-V2Trap
IPSecSaDrpV2Trap	.1.3.6.1.4.1.4641.6.2.5007	NA	NA	IPSec-SaDrp-V2Trap	IPSec-SaDrp-V2Trap
IPSecDisV2Trap	.1.3.6.1.4.1.4641.6.2.5008	NA	NA	IPSec-Dis-V2Trap	IPSec-Dis-V2Trap
BFGenSuccV2Trap	.1.3.6.1.4.1.4641.6.2.5301	NA	NA	BF-GenSucc-V2Trap	BF-GenSucc-V2Trap
BFGenErrV2Trap	.1.3.6.1.4.1.4641.6.2.5302	NA	NA	BF-GenErr-V2Trap	BF-GenErr-V2Trap
BFTranSucV2Trap	.1.3.6.1.4.1.4641.6.2.5303	NA	NA	BF-TranSuc-V2Trap	BF-TranSuc-V2Trap
BFTranErrV2Trap	.1.3.6.1.4.1.4641.6.2.5304	NA	NA	BFTranErr-V2Trap	BFTranErr-V2Trap
BFDelV2Trap	.1.3.6.1.4.1.4641.6.2.5305	NA	NA	BF-Del-V2Trap	BF-Del-V2Trap
BFInitV2Trap	.1.3.6.1.4.1.4641.6.2.5306	NA	NA	BF-Init-V2Trap	BF-Init-V2Trap
VptAttrChgV2Trap	.1.3.6.1.4.1.4641.6.2.5401	NA	NA	Vpt-AttrChg-V2Trap	Vpt-AttrChg-V2Trap
VptAddV2Trap	.1.3.6.1.4.1.4641.6.2.5402	NA	NA	Vpt-Add-V2Trap	Vpt-Add-V2Trap

Table 10-27 Tellabs V2 Traps (Continued)

Trap Name	Trap OID	Subtype Varbind OID	Subtype Varbind Value	Description	Short Description
VptDelV2Trap	.1.3.6.1.4.1.4641.6.2.5403	NA	NA	Vpt-Del-V2Trap	Vpt-Del-V2Trap
VptUpV2Trap	.1.3.6.1.4.1.4641.6.2.5404	NA	NA	Vpt-Up-V2Trap	Vpt-Up-V2Trap
VptDownV2Trap	.1.3.6.1.4.1.4641.6.2.5405	NA	NA	Vpt-Down-V2Trap	Vpt-Down-V2Trap
OamSesEst	.1.3.6.1.4.1.4641.6.2.5600	NA	NA	Oam-SesEst-V2Trap	Oam-SesEst-V2Trap
OamSesTermV2Trap	.1.3.6.1.4.1.4641.6.2.5601	NA	NA	Oam-SesTerm-V2Trap	Oam-SesTerm-V2Trap
OamGlblChgV2Trap	.1.3.6.1.4.1.4641.6.2.5602	NA	NA	Oam-GlblChg-V2Trap	Oam-GlblChg-V2Trap
OamLinkChgV2Trap	.1.3.6.1.4.1.4641.6.2.5603	NA	NA	Oam-LinkChg-V2Trap	Oam-LinkChg-V2Trap
OamLbStChgV2Trap	.1.3.6.1.4.1.4641.6.2.5604	NA	NA	Oam-LbStChg-V2Trap	Oam-LbStChg-V2Trap
PeerEvtSetV2Trap	.1.3.6.1.4.1.4641.6.2.5605	NA	NA	Peer-EvtSet-V2Trap	Peer-EvtSet-V2Trap
PeerEvtClrV2Trap	.1.3.6.1.4.1.4641.6.2.5606	NA	NA	Peer-EvtClr-V2Trap	Peer-EvtClr-V2Trap
OamTestChgV2Trap	.1.3.6.1.4.1.4641.6.2.5607	NA	NA	Oam-TestChg-V2Trap	Oam-TestChg-V2Trap

Alcatel-Lucent ASAM/ISAM V1 Traps Registry Parameters

Table 10-28 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Alcatel-Lucent ASAM/ISAM V1 traps shown in Table 10-1.

Table 10-28 Alcatel-Lucent ASAM/ISAM V1 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel OSPF if auth failure trap	Ospf interface trap	Ospf interface authentication failure trap	N	IManagedElement	F	F	F	0	F	warn	F	T	F
alcatel OSPF if config error trap	Ospf interface trap	Ospf interface config error trap	N	IManagedElement	F	F	F	0	F	warn	F	T	F
alcatel OSPF if rx bad packet trap	Ospf interface trap	Ospf interface reception bad packet trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF if state change trap	Ospf interface trap	Ospf interface state change trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF max age lsa trap	alcatel Ospf trap	alcatel Ospf max age lsa trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF nbr state change trap	alcatel Ospf trap	alcatel Ospf neighbor state change trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF originate lsa trap	alcatel Ospf trap	alcatel Ospf originate lsa trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Ent config change	alcatel entity configuration change trap	alcatel entity configuration change trap	N	IManagedElement	F	F	F	0	T	min	F	T	F

Alcatel-Lucent ASAM/ISAM V2Traps Registry Parameters

Table 10-29 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Alcatel-Lucent ASAM/ISAM V2 traps shown in Table 10-2.

Table 10-29 Alcatel-Lucent ASAM/ISAM V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel Cold start trap	alcatel Cold start trap	alcatel cold start trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
alcatel Warm start trap	alcatel Warm start trap	alcatel warm start trap	N	IManagedElement	F	F	T	19000	F	info	F	T	F
alcatel Link down trap	alcatel Link down trapp	alcatel link down trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
alcatel Link up trap	alcatel Link down trap	alcatel link up trap	N	IManagedElement	F	T	F	0	T	maj	F	T	F
alcatel OSPF if auth failure trap	alcatel Ospf interface trap	alcatel Ospf interface authentication failure trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
alcatel OSPF if config error trap	alcatel Ospf interface trap	alcatel Ospf interface config error trap	N	IManagedElement	F	F	0	F	warn	F	T	F	
alcatel OSPF if rx bad packet trap	alcatel Ospf interface trap	alcatel Ospf interface reception bad packet trap	N	IManagedElement	F	F	0	F	warn	F	T	F	
alcatel OSPF tx retransmit trap	alcatel Ospf trap	alcatel Ospf transmission retransmit trap	N	IManagedElement	F	F	0	T	min	F	T	F	
alcatel OSPF tx retransmit trap	alcatel Ospf trap	alcatel Ospf transmission retransmit trap	N	IManagedElement	F	F	F	0	T	min	F	T	F

Table 10-29 Alcatel-Lucent ASAM/ISAM V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel BGP established trap	alcatel bgp-established-trap-v2	alcatel bgp established trap	N	IBgpNeighborEntry	F	F	F	0	T	clr	F	T	T
alcatel BGP down trap	alcatel bgp-backward-transition-trap-v2	alcatel bgp-backward-transition-trap-v2	N	IBgpNeighborEntry	F	T	T	0	T	maj	F	T	T

Alcatel-Lucent 7450 ESS V1 Traps Registry Parameters

Table 10-30 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Alcatel-Lucent V1 traps shown in Table 10-3.

Table 10-30 Alcatel-Lucent 7450 ESS V1 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel Hdsl2shdsl local power loss trap	alcatel HDSL trap	alcatel HDSL Local power loss trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl loop atten crossing trap	alcatel HDSL trap	alcatel HDSL Loop crossing trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl loopback failure trap	alcatel HDSL trap	alcatel HDSL loopback failure trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl loopback failure trap	alcatel HDSL trap	alcatel HDSL no neighbor trap	N	IManagedElement	F	F	F	0	T	min	F	T	F

Table 10-30 Alcatel-Lucent 7450 ESS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel Hdsl2shdsl perf crc anomalies thresh trap	alcatel HDSL trap	alcatel HDSL performance anomalies threshold trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl perf es thresh trap	alcatel HDSL trap	alcatel HDSL performance threshold trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl perf los ws thresh trap	alcatel HDSL trap	alcatel HDSL performance threshold trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl perf ses thresh trap	alcatel HDSL trap	alcatel HDSL performance threshold trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel DLSW circuit down trap	alcatel DLSW trap	alcatel DLSW circuit down trap	N	IManagedElement	F		F		T	min	F	T	F
alcatel Hdsl2shdsl perf uas thresh trap	alcatel HDSL trap	alcatel HDSL performance threshold trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl power back off trap	alcatel HDSL trap	alcatel HDSL power back off trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl protocol init failure trap	alcatel HDSL trap	alcatel HDSL protocol initiate failure trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl snr margin crossing trap	alcatel HDSL trap	alcatel HDSL margin crossinf trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl span invalid num repeaters trap	alcatel HDSL trap	alcatel HDSL span invalid number repeating trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel New Root trap	alcatel New root trap	alcatel New root trap	N	IManagedElement	F	F		0	F	war n	T	T	F

Table 10-30 Alcatel-Lucent 7450 ESS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel OSPF if auth failure trap	alcatel Ospf interface trap	alcatel Ospf interface authentication failure trap	N	IManagedElement	F	F	F	0	F	warn	F	T	F
alcatel OSPF if config error trap	alcatel Ospf interface trap	alcatel Ospf interface config error trap	N	IManagedElement	F	F	F	0	F	warn	F	T	F
alcatel OSPF if rx bad packet trap	alcatel Ospf interface trap	alcatel Ospf interface reception bad packet trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF if state change trap	alcatel Ospf interface trap	alcatel Ospf interface state change trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel DLSW tconn down trap	alcatel DLSW trap	alcatel DLSW transmit connection down trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF lsdb approaching overflow trap	alcatel Ospf lsdb trap	alcatel Ospf lsdb approaching overflow trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF lsdb approaching overflow trap	alcatel Ospf lsdb trap	alcatel Ospf lsdb overflow trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Authentication failure trap	alcatel Autentic ation failure trap	alcatel Autentic ation failure trap	N	IManagedElement	F	F	F	0	T	info	T	T	F
alcatel OSPF max age lsa trap	alcatel Ospf trap	alcatel Ospf max age lsa trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF nbr state change trap	alcatel Ospf trap	alcatel Ospf neighbor state change trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF originate lsa trap	alcatel Ospf trap	alcatel Ospd originate lsa trap	N	IManagedElement	F	F	F	0	T	min	F	T	F

Table 10-30 Alcatel-Lucent 7450 ESS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel OSPF tx retransmit trap	alcatel Ospf trap	alcatel Ospf transmission retransmit trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF virt if auth failure trap	alcatel Ospf virtual interface trap	alcatel Ospf virtual interface authentication failure trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF virt if config error trap	alcatel Ospf virtual interface trap	alcatel Ospf virtual interface configuration error trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel DLSW tconn partner reject trap	alcatel DLSW trap	alcatel DLSW tconn partner reject trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
alcatel OSPF virt if rx bad packet trap	alcatel Ospf virtual interface trap	alcatel Ospf virtual interface reception bad packet trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF virt if state change trap	alcatel Ospf virtual interface trap	alcatel Ospf virtual interface state change trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF virt if tx retransmit trap	alcatel Ospf virtual interface trap	alcatel Ospf virtual interface transmission retransmit trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF virt nbr state change trap	alcatel Ospf virtual interface trap	alcatel Ospf virtual neighbor state change trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
alcatel Cold start trap	alcatel Cold start trap	alcatel Cold start trap	N	IManagedElement	F	F	T	19000	F	info	T	T	F

Table 10-30 Alcatel-Lucent 7450 ESS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel Vrrp trap auth failure trap	alcatel vrrp trap	alcatel vrrp authentication failure trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Vrrp trap new master trap	alcatel vrrp trap	alcatel vrrp new master trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Link down trap	alcatel link down trap	alcatel link down trap	Y ip interface oper status	IPhysicalLayer1	F	F	T	0	T	maj	F	T	F
alcatel Link up trap	alcatel link down trap	alcatel link up trap	Y ip interface oper status	IPhysicalLayer1	F	F	F	0	T	clr	F	T	F
alcatel Warm start trap	alcatel warm start trap	alcatel warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
alcatel DLSW tconn prot violation trap	alcatel DLSW trap	alcatel DLSW tconn protocol violation trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
alcatel X25 reset trap	alcatel x25 trap	alcatel x25 reset trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel X25 restart trap	alcatel x25 trap	alcatel x25 restart trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Dummy ticket trap	alcatel dummy ticket trap	alcatel dummy ticket trap	N	IManagedElement	F	F	F	0	T	info	F	T	F
alcatel TCP connection table trap	alcatel tcp connection table trap	alcatel tcp connection table trap	N	IManagedElement	F	F	F	0	T	info	F	T	F
alcatel Link down trap	alcatel link down trap	alcatel link down trap	Y ip interface oper status	IPhysicalLayer1	F	F	T	0	T	maj	F	T	F
alcatel Link up trap	alcatel link down trap	alcatel link up trap	Y ip interface oper status	IPhysicalLayer1	F	F	F	0	T	clr	F	T	F

Table 10-30 Alcatel-Lucent 7450 ESS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel Hdsl2shdsl config init failure trap	alcatel HDSL trap	alcatel HDSL configuration initiate failure trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl dc continuity fault trap	alcatel HDSL trap	alcatel HDSL dc continuity fault trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
Riverstone environment power supply failed	Riverstone environment power supply failed	riverstone environment power supply failed	NA	NA	F	T	F	0	F	info	F	T	F
Riverstone environment power supply recovered trap	Riverstone environment power supply failed	riverstone environment power supply recovered	NA	NA	F	F	F	0	F	clr	F	T	F
Riverstone environment swap in trap	Riverstone environment swap in	riverstone environment swap out	NA	NA	F	T	F	0	F	clr	F	T	F
Riverstone environment swap out trap	Riverstone environment swap in	riverstone environment swap in	NA	NA	F	F	F	0	F	maj	T	T	F
Riverstone environment fan failed trap	Riverstone environment fan failed	riverstone environment fan failed	NA	NA	F	T	F	0	F	info	F	T	F
Riverstone environment fan recovered trap	Riverstone environment fan failed	riverstone environment fan recovered	NA	NA	F	F	F	0	F	clr	F	T	F

Table 10-30 Alcatel-Lucent 7450 ESS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Riverstone environment temperature exceeded trap	Riverstone environment temperature exceeded	riverstone environment temperature exceeded	NA	NA	F	T	F	0	F	info	F	T	F
Riverstone environment temperature normal trap	Riverstone environment temperature exceeded	riverstone environment temperature normal	NA	NA	F	F	F	0	F	clr	F	T	F

Alcatel-Lucent 7450 ESS V2 Traps Registry Parameters

Table 10-31 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Alcatel-Lucent V2 traps shown in Table 10-4.

Table 10-31 Alcatel-Lucent 7450 ESS V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
sbi boot config	SBI Boot trap	Sbi boot config trap	N	IManagedElement	F	F	F	0	F	clr	F	T	F
sbi boot snmpd	SBI Boot trap	Sbi boot snmp trap	N	IManagedElement	F	F	F	0	F	clr	F	T	F
ssi saveconfig failed	SSI config change trap	Ssi save config failed trap	N	IManagedElement	F	T	F	0	T	min	F	T	F

Table 10-31 Alcatel-Lucent 7450 ESS V2 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
ssi saveconfig succeeded	SSI config change trap	Ssi save config succeeded trap	N	IManagedElement	F	T	F	0	T	info	F	T	F
tmnx config create	TMNX config change trap	tmnx config create trap	N	IManagedElement	F	T	F	0	T	info	F	T	F
tmnx config delete	TMNX config change trap	tmnx config delete trap	N	IManagedElement	F	T	F	0	T	info	F	T	F
tmnx config modify	TMNX config change trap	tmnx config modify trap	N	IManagedElement	F	T	F	0	T	info	F	T	F
tmnx env temp too high	TMNX environment trap	tmnx environment temperature high trap	N	IManagedElement	F	T	F	0	T	cri	F	T	F
tmnx eq card failure	TMNX eq Card trap	tmnc eq card failure trap	N	IPhysicalLayer1	F	T	F	0	T	maj	F	T	F
tmnx eq card inserted	TMNX eq Card trap	tmnc eq card inserted trap	N	IPhysicalLayer1	F	F	F	0	T	info	F	T	F
tmnx eq card removed	TMNX eq Card trap	tmnc eq card removed trap	N	IPhysicalLayer1	F	T	F	0	T	maj	F	T	F
tmnx eq fan failure	TMNX eq fan trap	tmnc eq fan failure trap	N	IManagedElement	F	T	F	0	T	cri	F	T	F
tmnx eq flash disk full	TMNX eq flash trap	tmnx eq flash disk full trap	N	IManagedElement	F	T	F	0	T	info	F	T	F
tmnx eq port ds1 alarm clear	TMNX eq port d1 alarm trap	tmnx eq port ds1 alarm clear trap	N	IPhysicalLayer1	F	F	F	0	T	info	F	T	F

Table 10-31 Alcatel-Lucent 7450 ESS V2 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tmnx eq port ds1 alarm	TMNX eq port d1 alarm trap	tmnx eq port ds1 alarm trap	N	IPhysicalLayer1	F	T	F	0	T	min	F	T	F
tmnx eq port ds3 alarm clear	TMNX eq port d3 alarm clear trap	tmnx eq port ds3 alarm clear trap	N	IPhysicalLayer1	F	F	F	0	T	info	F	T	F
tmnx eq port ds3 alarm	TMNX eq port d3 alarm trap	tmnx eq port ds3 alarm trap	N	IPhysicalLayer1	F	T	F	0	T	min	F	T	F
tmnx eq port error	TMNX eq port trap	tmnx eq port error trap	N	IPhysicalLayer1	F	T	F	0	T	min	F	T	F
tmnx eq port ether alarm clear	TMNX eq port trap	tmnx eq port ether alarm clear trap	N	IPhysicalLayer1	F	F	F	0	T	info	F	T	F
tmnx eq port ether alarm	TMNX eq port trap	tmnx eq port ether alarm trap	N	IPhysicalLayer1	F	T	F	0	T	min	F	T	F
tmnx eq port sfp inserted	TMNX eq port trap	tmnx eq port sfp inserted trap	N	IPhysicalLayer1	F	F	F	0	T	info	F	T	F
tmnx eq port sfp removed	TMNX eq port trap	tmnx eq port sfp removed trap	N	IPhysicalLayer1	F	T	F	0	T	maj	F	T	F
tmnx eq port sonet alarm clear	TMNX eq port trap	ymnx eq port sonet alarm clear trap	N	IPhysicalLayer1	F	F	F	0	T	info	F	T	F
tmnx eq port sonet alarm	TMNX eq port trap	ymnx eq port sonet alarm trap	N	IPhysicalLayer1	F	T	F	0	T	min	F	T	F
tmnx eq power supply failure	TMNX eq port trap	tmnx eq port power supply failure trap	N	IManagedElement	F	T	F	0	T	cri	F	T	F
tmnx eq power supply inserted	TMNX eq port trap	tmnx eq port power supply inserted trap	N	IManagedElement	F	F	F	0	T	info	F	T	F

Table 10-31 Alcatel-Lucent 7450 ESS V2 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tmnx eq power supply removed	TMNX eq port trap	tmnx eq port power supply removed trap	N	IManagedElement	F	T	F	0	T	maj	F	T	F
tmnx eq wrong card	TMNX wrong card trap	tmnx eq wrong card trap	N	IPhysicalLayer1	F	T	F	0	T	maj	F	T	F
tmnx red primary cpm fail	TMNX red primary cpm fail trap	tmnx red primary cpm fail trap	N	IPhysicalLayer1	F	T	F	0	T	maj	F	T	F
tmnx state change	TMNX state change trap	tmnx state change trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
alcatel Cold start trap	alcatel Cold start trap	alcatel cold start trap	N	IManagedElement	F	F	T	19000	F	info	F	T	F
alcatel Warm start trap	alcatel Warm start trap	alcatel warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
alcatel Link down trap	alcatel Link down trap	alcatel link down trap	N	IManagedElement	F	T	F	0	T	maj	F	T	F
alcatel Link up trap	alcatel Link down trap	alcatel link up trap	N	IManagedElement	F	T	F	0	T	clr	F	T	F
BGP trap	BGP trap	bgp trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
alcatel Hdsl2shdsl device fault V2 trap	alcatel HDLSL device fault trap	alcatel HDLSL device fault trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
alcatel BGP established trap	alcatel bgp-established-t rap-v2	alcatel bgp established trap	N	IBgpNeighborEntry	F	F	F	0	T	clr	F	T	T

Table 10-31 Alcatel-Lucent 7450 ESS V2 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel BGP down trap	alcatel bgp-backward-transition-trap-v2	alcatel bgp-backward-transition-trap-v2	N	IBgpNeighborEntry	F	T	T	0	T	maj	F	T	T
alcatel OSPF if auth failure trap	alcatel Ospf interface trap	alcatel Ospf interface authentication failure trap	N	IManagedElement	F	F	F	0	F	warn	F	T	F
alcatel OSPF if config error trap	alcatel Ospf interface trap	alcatel Ospf interface config error trap	N	IManagedElement	F	F	F	0	F	warn	F	T	F
alcatel OSPF if rx bad packet trap	alcatel Ospf interface trap	alcatel Ospf interface reception bad packet trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF if state change trap	alcatel Ospf interface trap	alcatel Ospf interface state change trap											

Alcatel-Lucent 7750/7710 SR V1 Traps Registry Parameters

Table 10-32 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Alcatel-Lucent 7750/7710 SR V1 traps shown in Table 10-6.

Table 10-32 Alcatel-Lucent 7750/7710 SR V1 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel Hdsl2shdsl perf ses thresh trap	alcatel HDSL trap	alcatel HDSL performance threshold trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel DLSW circuit down trap	alcatel DLSW trap	alcatel DLSW circuit down trap	N	IManagedElement	F		F		T	min	F	T	F
alcatel DLSW tconn down trap	alcatel DLSW trap	alcatel DLSW transmit connection down trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel DLSW tconn partner reject trap	alcatel DLSW trap	alcatel DLSW tconn partner reject trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
alcatel DLSW tconn prot violation trap	alcatel DLSW trap	alcatel DLSW tconn protocol violation trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
alcatel FR DLCI status change trap	alcatel frame relay dlc status trap	alcatel frame relay dlc status change trap	N	IPhysicalLayer1	T	F	F	0	F	maj	F	T	F
alcatel Hdsl2shdsl local power loss trap	alcatel HDSL trap	alcatel HDSL Local power loss trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl loop atten crossing trap	alcatel HDSL trap	alcatel HDSL Loop crossing trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl loopback failure trap	alcatel HDSL trap	alcatel HDSL loopback failure trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl loopback failure trap	alcatel HDSL trap	alcatel HDSL no neighbor trap	N	IManagedElement	F	F	F	0	T	min	F	T	F

Table 10-32 Alcatel-Lucent 7750/7710 SR V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel Hdsl2shdsl perf crc anomalies thresh trap	alcatel HDSL trap	alcatel HDSL performance anomalies threshold trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl perf es thresh trap	alcatel HDSL trap	alcatel HDSL performance threshold trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl perf los ws thresh trap	alcatel HDSL trap	alcatel HDSL performance threshold trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl perf uas thresh trap	alcatel HDSL trap	alcatel HDSL performance threshold trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl power back off trap	alcatel HDSL trap	alcatel HDSL power back off trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl protocol init failure trap	alcatel HDSL trap	alcatel HDSL protocol initiate failure trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl snr margin crossing trap	alcatel HDSL trap	alcatel HDSL margin crossing trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl span invalid num repeaters trap	alcatel HDSL trap	alcatel HDSL span invalid number repeating trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl config init failure trap	alcatel HDSL trap	alcatel HDSL configuration initiate failure trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Hdsl2shdsl dc continuity fault trap	alcatel HDSL trap	alcatel HDSL dc continuity fault trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Ent config change	alcatel entity configuration change trap	alcatel entity configuration change trap	N	IManagedElement	F	F	F	0	T	min	F	T	F

Table 10-32 Alcatel-Lucent 7750/7710 SR V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel New Root trap	alcatel New root trap	alcatel New root trap	N	IManagedElement	F	F		0	F	war n	T	T	F
alcatel OSPF if auth failure trap	alcatel Ospf interface trap	alcatel Ospf interface authentication failure trap	N	IPhysicalLayer1	F	F	F	0	F	war n	F	T	F
alcatel OSPF if config error trap	alcatel Ospf interface trap	alcatel Ospf interface config error trap	N	IPhysicalLayer1	F	F	F	0	F	war n	F	T	F
alcatel OSPF if rx bad packet trap	alcatel Ospf interface trap	alcatel Ospf interface reception bad packet trap	N	IPhysicalLayer1	F	F	F	0	T	min	F	T	F
alcatel OSPF if state change trap	alcatel Ospf interface trap	alcatel Ospf interface state change trap	N	IPhysicalLayer1	F	F	F	0	T	min	F	T	F
alcatel OSPF lsdb approaching overflow trap	alcatel Ospf lsdb trap	alcatel Ospf lsdb approaching overflow trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF lsdb approaching overflow trap	alcatel Ospf lsdb trap	alcatel Ospf lsdb overflow trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF max age lsa trap	alcatel Ospf trap	alcatel Ospf max age lsa trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF nbr state change trap	alcatel Ospf trap	alcatel Ospf neighbor state change trap	N	IPhysicalLayer1	F	F	F	0	T	min	F	T	F
alcatel OSPF originate lsa trap	alcatel Ospf trap	alcatel Ospd originate lsa trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF tx retransmit trap	alcatel Ospf trap	alcatel Ospf transmission retransmit trap	N	IManagedElement	F	F	F	0	T	min	F	T	F

Table 10-32 Alcatel-Lucent 7750/7710 SR V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel OSPF virt if auth failure trap	alcatel Ospf virtual interface trap	alcatel Ospf virtual interface authentication failure trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF virt if config error trap	alcatel Ospf virtual interface trap	alcatel Ospf virtual interface configuration error trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF virt if rx bad packet trap	alcatel Ospf virtual interface trap	alcatel Ospf virtual interface reception bad packet trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF virt if state change trap	alcatel Ospf virtual interface trap	alcatel Ospf virtual interface state change trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF virt if tx retransmit trap	alcatel Ospf virtual interface trap	alcatel Ospf virtual interface transmission retransmit trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF virt nbr state change trap	alcatel Ospf virtual interface trap	alcatel Ospf virtual neighbor state change trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
alcatel TCP connection table trap	alcatel tcp connection table trap	alcatel tcp connection table trap	N	IManagedElement	F	F	F	0	T	info	F	T	F
alcatel Vrrp trap auth failure trap	alcatel vrrp trap	alcatel vrrp authentication failure trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Vrrp trap new master trap	alcatel vrrp trap	alcatel vrrp new master trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel X25 reset trap	alcatel x25 trap	alcatel x25 reset trap	N	IManagedElement	F	F	F	0	T	min	F	T	F

Table 10-32 Alcatel-Lucent 7750/7710 SR V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel X25 restart trap	alcatel x25 trap	alcatel x25 restart trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel Authentication failure trap	alcatel Authentication failure trap	alcatel Authentication failure trap	N	IManagedElement	F	F	F	0	T	info	T	T	F

Alcatel-Lucent 7705 SAR V2 Traps Registry Parameters

Table 10-33 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Alcatel-Lucent 7705 SAR V2 traps shown in Table 10-5.

Table 10-33 Alcatel-Lucent 7705 SAR V2 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
sbi boot config	SBI Boot trap	Sbi boot config trap	N	IManagedElement	F	F	F	0	F	clr	F	T	F
sbi boot snmpd	SBI Boot trap	Sbi boot snmp trap	N	IManagedElement	F	F	F	0	F	clr	F	T	F
ssi saveconfig failed	SSI config change trap	Ssi save config failed trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
ssi saveconfig succeeded	SSI config change trap	Ssi save config succeeded trap	N	IManagedElement	F	T	F	0	T	info	F	T	F
tmnx config create	TMNX config change trap	tmnx config create trap	N	IManagedElement	F	T	F	0	T	info	F	T	F
tmnx config delete	TMNX config change trap	tmnx config delete trap	N	IManagedElement	F	T	F	0	T	info	F	T	F

Table 10-33 Alcatel-Lucent 7705 SAR V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tmnx config modify	TMNX config change trap	tmnx config modify trap	N	IManagedElement	F	T	F	0	T	info	F	T	F
tmnx env temp too high	TMNX environment trap	tmnx environment temperature high trap	N	IManagedElement	F	T	F	0	T	cri	F	T	F
tmnx eq fan failure	TMNX eq fan trap	tmnc eq fan failure trap	N	IManagedElement	F	T	F	0	T	cri	F	T	F
tmnx eq flash disk full	TMNX eq flash trap	tmnx eq flash disk full trap	N	IManagedElement	F	T	F	0	T	info	F	T	F
tmnx eq port ds1 alarm clear	TMNX eq port d1 alarm trap	tmnx eq port ds1 alarm clear trap	N	IManagedElement	F	F	F	0	T	info	F	T	F
tmnx eq port ds1 alarm	TMNX eq port d1 alarm trap	tmnx eq port ds1 alarm trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
tmnx eq port ds3 alarm clear	TMNX eq port d3 alarm trap	tmnx eq port ds3 alarm clear trap	N	IManagedElement	F	F	F	0	T	info	F	T	F
tmnx eq port ds3 alarm	TMNX eq port d3 alarm trap	tmnx eq port ds3 alarm trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
tmnx eq port error	TMNX eq port trap	tmnx eq port error trap	N	IPhysicalLayer1	F	T	F	0	T	min	F	T	F
tmnx eq port ether alarm clear	TMNX eq port trap	tmnx eq port ether alarm clear trap	N	IPhysicalLayer1	F	F	F	0	T	info	F	T	F
tmnx eq port ether alarm	TMNX eq port trap	tmnx eq port ether alarm trap	N	IPhysicalLayer1	F	T	F	0	T	min	F	T	F

Table 10-33 Alcatel-Lucent 7705 SAR V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tmnx eq port sfp inserted	TMNX eq port trap	tmnx eq port sfp inserted trap	N	IPhysicalLayer1	F	F	F	0	T	info	F	T	F
tmnx eq port sfp removed	TMNX eq port trap	tmnx eq port sfp removed trap	N	IPhysicalLayer1	F	T	F	0	T	maj	F	T	F
tmnx eq port sonet alarm clear	TMNX eq port trap	ymnx eq port sonet alarm clear trap	N	IManagedElement	F	F	F	0	T	info	F	T	F
tmnx eq port sonet alarm	TMNX eq port trap	ymnx eq port sonet alarm trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
tmnx eq power supply failure	TMNX eq port trap	tmnx eq port power supply failure trap	N	IManagedElement	F	T	F	0	T	cri	F	T	F
tmnx eq power supply inserted	TMNX eq port trap	tmnx eq port power supply inserted trap	N	IManagedElement	F	F	F	0	T	info	F	T	F
tmnx eq power supply removed	TMNX eq port trap	tmnx eq port power supply removed trap	N	IManagedElement	F	T	F	0	T	maj	F	T	F
tmnx state change	TMNX state change trap	tmnx state change trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
alcatel Cold start trap	alcatel Cold start trapp	alcatel cold start trap	N	IManagedElement	F	F	T	19000	F	info	F	T	F
alcatel Warm start trap	alcatel Warm start trap	alcatel warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
alcatel Link down trap	alcatel Link down trap	alcatel link down trap	N	IManagedElement	F	T	F	0	T	maj	F	T	F
alcatel Link up trap	alcatel Link Up trap	alcatel link up trap	N	IManagedElement	F	T	F	0	T	clr	F	T	F

Table 10-33 Alcatel-Lucent 7705 SAR V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel BGP established trap	alcatel bgp-established-trap-v2	alcatel alcatel bgp-established trap	N	IBgpNeighborEntry	F	F	F	0	T	clr	F	T	T
alcatel BGP down trap	alcatel bgp-backward-transition-trap-v2	alcatel alcatel bgp-backward-transition-trap-v2	N	IBgpNeighborEntry	F	T	T	0	T	maj	F	T	T
alcatel OSPF if auth failure trap	alcatel Ospf interface trap	alcatel Ospf interface authentication failure trap	N	IManagedElement	T	F	F	0	F	warn	F	T	F
alcatel OSPF if config error trap	alcatel Ospf interface trap	alcatel Ospf interface config error trap	N	IManagedElement	F	F	F	0	F	warn	F	T	F
alcatel OSPF if rx bad packet trap	alcatel Ospf interface trap	alcatel Ospf interface reception bad packet trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF if state change trap	alcatel Ospf interface trap	alcatel Ospf interface state change trap	N	IManagedElement	F	F	F	0	T	min	F	T	F

Alcatel-Lucent 7750/7710 SR V2 Traps Registry Parameters

Table 10-34 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Alcatel-Lucent 7750/7710 SR V2 traps shown in Table 10-7.

Table 10-34 Alcatel-Lucent 7750/7710 SR V2 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
sbi boot config	SBI Boot trap	Sbi boot config trap	N	IManagedElement	F	F	F	0	F	clr	F	T	F
sbi boot snmpd	SBI Boot trap	Sbi boot snmp trap	N	IManagedElement	F	F	F	0	F	clr	F	T	F
ssi saveconfig failed	SSI config change trap	Ssi save config failed trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
ssi saveconfig succeeded	SSI config change trap	Ssi save config succeeded trap	N	IManagedElement	F	T	F	0	T	info	F	T	F
tmnx config create	TMNX config change trap	tmnx config create trap	N	IManagedElement	F	T	F	0	T	info	F	T	F
tmnx config delete	TMNX config change trap	tmnx config delete trap	N	IManagedElement	F	T	F	0	T	info	F	T	F
tmnx config modify	TMNX config change trap	tmnx config modify trap	N	IManagedElement	F	T	F	0	T	info	F	T	F
tmnx env temp too high	TMNX environment trap	tmnx environment temperature high trap	N	IManagedElement	F	T	F	0	T	cri	F	T	F
tmnx eq fan failure	TMNX eq fan trap	tmnc eq fan failure trap	N	IManagedElement	F	T	F	0	T	cri	F	T	F
tmnx eq flash disk full	TMNX eq flash trap	tmnx eq flash disk full trap	N	IManagedElement	F	T	F	0	T	info	F	T	F
tmnx eq port ds1 alarm clear	TMNX eq port d1 alarm trap	tmnx eq port ds1 alarm clear trap	N	IManagedElement	F	F	F	0	T	info	F	T	F

Table 10-34 Alcatel-Lucent 7750/7710 SR V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tmnx eq port ds1 alarm	TMNX eq port d1 alarm trap	tmnx eq port ds1 alarm trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
tmnx eq port ds3 alarm clear	TMNX eq port d3 alarm clear trap	tmnx eq port ds3 alarm clear trap	N	IManagedElement	F	F	F	0	T	info	F	T	F
tmnx eq port ds3 alarm	TMNX eq port d3 alarm trap	tmnx eq port ds3 alarm trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
tmnx eq port error	TMNX eq port trap	tmnx eq port error trap	N	IPhysicalLayer1	F	T	F	0	T	min	F	T	F
tmnx eq port ether alarm clear	TMNX eq port trap	tmnx eq port ether alarm clear trap	N	IPhysicalLayer1	F	F	F	0	T	info	F	T	F
tmnx eq port ether alarm	TMNX eq port trap	tmnx eq port ether alarm trap	N	IPhysicalLayer1	F	T	F	0	T	min	F	T	F
tmnx eq port sfp inserted	TMNX eq port trap	tmnx eq port sfp inserted trap	N	IPhysicalLayer1	F	F	F	0	T	info	F	T	F
tmnx eq port sfp removed	TMNX eq port trap	tmnx eq port sfp removed trap	N	IPhysicalLayer1	F	T	F	0	T	maj	F	T	F
tmnx eq port sonet alarm clear	TMNX eq port trap	ymnx eq port sonet alarm clear trap	N	IManagedElement	F	F	F	0	T	info	F	T	F
tmnx eq port sonet alarm	TMNX eq port trap	ymnx eq port sonet alarm trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
tmnx eq power supply failure	TMNX eq port trap	tmnx eq port power supply failure trap	N	IManagedElement	F	T	F	0	T	cri	F	T	F
tmnx eq power supply inserted	TMNX eq port trap	tmnx eq port power supply inserted trap	N	IManagedElement	F	F	F	0	T	info	F	T	F

Table 10-34 Alcatel-Lucent 7750/7710 SR V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tmnx eq power supply removed	TMNX eq port trap	tmnx eq port power supply removed trap	N	IManagedElement	F	T	F	0	T	maj	F	T	F
tmnx state change	TMNX state change trap	tmnx state change trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
alcatel Cold start trap	alcatel Cold start trap	alcatel cold start trap	N	IManagedElement	F	F	T	19000	F	info	F	T	F
alcatel Warm start trap	alcatel Warm start trap	alcatel warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
alcatel Link down trap	alcatel Link down trap	alcatel link down trap	N	IManagedElement	F	T	F	0	T	maj	F	T	F
alcatel Link up trap	alcatel Link Up trap	alcatel link Up trap	N	IManagedElement	F	T	F	0	T	clr	F	T	F
alcatel BGP established trap	alcatel bgp-established-trap-v2	alcatel alcatel bgp-established trap	N	IBgpNeighborEntry	F	F	F	0	T	clr	F	T	T
alcatel BGP down trap	alcatel bgp-backward-transition-trap-v2	alcatel alcatel bgp-backward-transition-trap-v2	N	IBgpNeighborEntry	F	T	T	0	T	maj	F	T	T
alcatel OSPF if auth failure trap	alcatel Ospf interface trap	alcatel Ospf interface authentication failure trap	N	IManagedElement	F	F	F	0	F	war n	F	T	F
alcatel OSPF if config error trap	alcatel Ospf interface trap	alcatel Ospf interface config error trap	N	IManagedElement	F	F	F	0	F	war n	F	T	F

Table 10-34 Alcatel-Lucent 7750/7710 SR V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
alcatel OSPF if rx bad packet trap	alcatel Ospf interface trap	alcatel Ospf interface reception bad packet trap	N	IManagedElement	F	F	F	0	T	min	F	T	F
alcatel OSPF if state change trap	alcatel Ospf interface trap	alcatel Ospf interface state change trap	N	IManagedElement	F	F	F	0	T	min	F	T	F

Calix V2 Traps Registry Parameters

Table 10-35 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Forigate V2 traps shown in Table 10-8.

Table 10-35 Calix V2 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cold start trap	cold start trap	cold start trap	N	IManagedElement	F	F	F	190000	F	maj	T	T	F
SNMP Link down	snmp link down	snmp link down	N	IPhysicalLayer	F	T	T	0	T	cri	T	T	T
SNMP Link up	snmp link down	snmp link up	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	T
Power source changed to Main power	power mgmt power source	mainPower	N	IModule	F	F	F	0	F	clr	F	T	F

Table 10-35 Calix V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Power source changed to Battery power	power mgmt power source	batteryPower	N	IModule	F	F	F	0	T	cri	T	T	F
eps Ring Failover Notification	eps Ring Failover	eps Ring Failover	N	IManagedElement	F	F	F	0	T	maj	T	T	F
eps Ring Revert Notification	eps Ring Failover	eps Ring Revert	N	IManagedElement	F	F	F	0	F	clr	F	T	F
eps Path Group Heartbeat Up Notification	eps Path Group Heartbeat	eps Path Group Heartbeat Up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
eps Path Group Heartbeat Down Notification	eps Path Group Heartbeat	eps Path Group Heartbeat Down	N	IManagedElement	F	F	F	0	T	maj	T	T	F
eps Loop Notification detected	eps Loop	eps loop notification detected	N	IManagedElement	F	F	F	0	T	maj	T	T	F
eps Loop Notification cleared	eps Loop	eps loop notification cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
ac power status changed to on	ac power status change	acPower on	N	IModule	F	F	F	0	F	clr	F	T	F
ac power status changed to off	ac power status change	acPower off	N	IModule	F	F	F	0	T	cri	T	T	F
fan tray inserted	fan tray status change	fan tray inserted	N	IModule	F	F	F	0	F	clr	F	T	F
fan tray removed	fan tray status change	fan tray removed	N	IModule	F	F	F	0	T	maj	T	T	F
bvi invalid dhcp address alarm	bvi Invalid Dhcp Address	bvi invalid dhcp address alarm	N	IManagedElement	F	F	F	0	T	cri	T	T	F

Table 10-35 Calix V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
bvi invalid dhcp address cleared	bvi Invalid Dhcp Address	bvi invalid dhcp address cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
subscriber port black listing disabled	subscriber port blacklisting	subscriber port blacklisting disabled	N	IPhysicalLayer	F	F	F	0	T	maj	T	T	F
subscriber port black listing cleared	subscriber port blacklisting	subscriber port blacklisting cleared	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
client queue threshold reached	client queue threshold	client queue threshold reached	N	IManagedElement	F	F	F	0	T	maj	T	T	F
client queue threshold cleared	client queue threshold	client queue threshold cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
client queue packet drop	client queue packet drop	packet dropped	N	IManagedElement	F	F	F	0	T	maj	T	T	F
client queue packet no longer dropping	client queue packet drop	packet no longer dropping	N	IManagedElement	F	F	F	0	F	clr	F	T	F
ingress filter mask threshold reached	ingress filter mask threshold	ingress filter mask threshold reached	N	IManagedElement	F	F	F	0	T	maj	T	T	F
ingress filter mask threshold cleared	ingress filter mask threshold	ingress filter mask threshold cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
ingress filter mask resources exhausted	ingress filter mask resources	ingress filter mask resources exhausted	N	IManagedElement	F	F	F	0	T	maj	T	T	F

Table 10-35 Calix V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
ingress filter mask resources notExhausted	ingress filter mask resources	ingress filter mask resources notExhausted	N	IManagedElement	F	F	F	0	F	clr	F	T	F
ingress filter rule threshold reached	ingress filter rule threshold	ingress filter rule threshold reached	N	IManagedElement	F	F	F	0	T	maj	T	T	F
ingress filter rule threshold cleared	ingress filter rule threshold	ingress filter rule threshold cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
ingress filter rule resources exhausted	ingress filter rule resources	ingress filter rule resources exhausted	N	IManagedElement	F	F	F	0	T	maj	T	T	F
ingress filter rule resources notExhausted	ingress filter rule resources	ingress filter rule resources notExhausted	N	IManagedElement	F	F	F	0	F	clr	F	T	F
fan high limit exceeded	fan limit exceeded	HighLimitExceeded	N	IModule	F	F	F	0	T	cri	T	T	F
fan low limit exceeded	fan limit exceeded	LowLimitExceeded	N	IModule	F	F	F	0	T	cri	T	T	F
fan limit exceeded cleared	fan limit exceeded	LimitExceeded Cleared	N	IModule	F	F	F	0	F	clr	F	T	F
fan fast speed	fan speed	FanFastSpeed	N	IModule	F	F	F	0	T	maj	T	T	F
fan slow speed	fan speed	FanSlowSpeed	N	IModule	F	F	F	0	T	maj	T	T	F
temp high limit exceeded	temp limit exceeded	HighLimitExceeded	N	IManagedElement	F	F	F	0	T	maj	T	T	F
temp low limit exceeded	temp limit exceeded	LowLimitExceeded	N	IManagedElement	F	F	F	0	T	maj	T	T	F
temp limit exceeded cleared	temp limit exceeded	LimitExceeded Cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
voltage high limit exceeded	voltage limit exceeded	HighLimitExceeded	N	IModule	F	F	F	0	T	maj	T	T	F

Table 10-35 Calix V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
voltage low limit exceeded	voltage limit exceeded	LowLimitExceeded	N	IModule	F	F	F	0	T	maj	T	T	F
voltage limit exceeded cleared	voltage limit exceeded	LimitExceededCleared	N	IModule	F	F	F	0	F	clr	F	T	F
dsl modem showtime in	dsl modem showtime	dsl modem showtime in	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
dsl modem showtime out	dsl modem showtime	dsl modem showtime out	N	IPhysicalLayer	F	F	F	0	T	min	T	T	F

DragonWave Horizon Series V2 Traps Registry Parameters

Table 10-36 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the DragonWave Horizon Series V2 traps shown in Table 10-9.

Table 10-36 *DragonWave Horizon Series V2 Trap Registry Parameters*

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
DragonWave Cold Start	DragonWave Cold Start Trap	DragonWave Cold Start Trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
DragonWave Link Down	DragonWave Link Down Trap	DragonWave Link Down Trap	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F
DragonWave Link Up	DragonWave Link Down Trap	DragonWave Link Up Trap	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
SNTP Servers Unreachable	SNTP Servers Unreachable	SNTP Servers Unreachable	N	IManagedElement	F	F	F	0	F	min	T	T	F
SNTP Servers Unreachable Cleared	SNTP Servers Unreachable Cleared	SNTP Servers Unreachable Cleared	N	IManagedElement	F	F	F	0	F	clr	T	T	F
Dropped Frames Threshold Exceeded	Dropped Frames Threshold Exceeded	Dropped Frames Threshold Exceeded	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
Dropped Frames Threshold Exceeded Cleared	Dropped Frames Threshold Exceeded Cleared	Dropped Frames Threshold Exceeded Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Modem Rx LOS Lock	Modem Rx LOS Lock	Modem Rx LOS Lock	N	IPhysicalLayer	F	F	F	0	F	info	T	T	F
Modem Rx LOS Lock Cleared	Modem Rx LOS Lock Cleared	Modem Rx LOS Lock Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Modem SNR Below Threshold	Modem SNR Below Threshold	Modem SNR Below Threshold	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Modem SNR Below Threshold Cleared	Modem SNR Below Threshold Cleared	Modem SNR Below Threshold Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Modem Equalizer Stress Exceed Threshold	Modem Equalizer Stress Exceed Threshold	Modem Equalizer Stress Exceed Threshold	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Modem Equalizer Stress Exceed Threshold Cleared	Modem Equalizer Stress Exceed Threshold Cleared	Modem Equalizer Stress Exceed Threshold Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Channelized RSL Below Threshold	Channelized RSL Below Threshold	Channelized RSL Below Threshold	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Channelized RSL Below Threshold Cleared	Channelized RSL Below Threshold Cleared	Channelized RSL Below Threshold Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Modem Hardware Fault	Modem Hardware Fault	Modem Hardware Fault	N	IPhysicalLayer	F	F	F	0	F	info	T	T	F
Modem Hardware Fault Cleared	Modem Hardware Fault Cleared	Modem Hardware Fault Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
User Session Commenced	User Session Commenced	User Session Commenced	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
User Session Terminated	User Session Terminated	User Session Terminated	N	IPhysicalLayer	F	F	F	0	F	info	T	T	F
Partner Redundancy Mode Mismatch	Partner Redundancy Mode Mismatch	Partner Redundancy Mode Mismatch	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Partner Redundancy Mode Mismatch Cleared	Partner Redundancy Mode Mismatch Cleared	Partner Redundancy Mode Mismatch Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Partner Configuration Mismatch	Partner Configuration Mismatch	Partner Configuration Mismatch	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Partner Configuration Mismatch Cleared	Partner Configuration Mismatch Cleared	Partner Configuration Mismatch Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
HSB Active On Secondary	HSB Active On Secondary	HSB Active On Secondary	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
HSB Active On Secondary Cleared	HSB Active On Secondary Cleared	HSB Active On Secondary Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
HSB Override By User	HSB Override By User	HSB Override By User	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
HSB Override By User Cleared	HSB Override By User Cleared	HSB Override By User Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
HSB Cross Link	HSB Cross Link	HSB Cross Link	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
HSB Cross Link Cleared	HSB Cross Link Cleared	HSB Cross Link Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
HSB Active On Primary	HSB Active On Primary	HSB Active On Primary	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
HSB Active On Primary Cleared	HSB Active On Primary Cleared	HSB Active On Primary Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue1 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue1 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue1 Dropped Frames Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F
Ethernet Port1 Queue1 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue1 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue1 Dropped Frames Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue2 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue2 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue2 Dropped Frames Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedited Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Ethernet Port1 Queue2 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue2 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue2 Dropped Frames Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue3 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue3 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue3 Dropped Frames Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F
Ethernet Port1 Queue3 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue3 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue3 Dropped Frames Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue4 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue4 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue4 Dropped Frames Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F
Ethernet Port1 Queue4 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue4 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue4 Dropped Frames Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue5 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue5 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue5 Dropped Frames Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedited Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Ethernet Port1 Queue5 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue5 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue5 Dropped Frames Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue6 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue6 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue6 Dropped Frames Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F
Ethernet Port1 Queue6 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue6 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue6 Dropped Frames Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue7 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue7 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue7 Dropped Frames Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F
Ethernet Port1 Queue7 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue7 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue7 Dropped Frames Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue8 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue8 Dropped Frames Threshold Exceeded	Ethernet Port1 Queue8 Dropped Frames Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedited Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Ethernet Port1 Queue8 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue8 Dropped Frames Threshold Exceeded Cleared	Ethernet Port1 Queue8 Dropped Frames Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue1 Depth Threshold Exceeded	Ethernet Port1 Queue1 Depth Threshold Exceeded	Ethernet Port1 Queue1 Depth Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F
Ethernet Port1 Queue1 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue1 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue1 Depth Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue2 Depth Threshold Exceeded	Ethernet Port1 Queue2 Depth Threshold Exceeded	Ethernet Port1 Queue2 Depth Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F
Ethernet Port1 Queue2 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue2 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue2 Depth Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue3 Depth Threshold Exceeded	Ethernet Port1 Queue3 Depth Threshold Exceeded	Ethernet Port1 Queue3 Depth Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F
Ethernet Port1 Queue3 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue3 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue3 Depth Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue4 Depth Threshold Exceeded	Ethernet Port1 Queue4 Depth Threshold Exceeded	Ethernet Port1 Queue4 Depth Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Ethernet Port1 Queue4 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue4 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue4 Depth Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue5 Depth Threshold Exceeded	Ethernet Port1 Queue5 Depth Threshold Exceeded	Ethernet Port1 Queue5 Depth Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F
Ethernet Port1 Queue5 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue5 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue5 Depth Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue6 Depth Threshold Exceeded	Ethernet Port1 Queue6 Depth Threshold Exceeded	Ethernet Port1 Queue6 Depth Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F
Ethernet Port1 Queue6 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue6 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue6 Depth Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue7 Depth Threshold Exceeded	Ethernet Port1 Queue7 Depth Threshold Exceeded	Ethernet Port1 Queue7 Depth Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F
Ethernet Port1 Queue7 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue7 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue7 Depth Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Ethernet Port1 Queue8 Depth Threshold Exceeded	Ethernet Port1 Queue8 Depth Threshold Exceeded	Ethernet Port1 Queue8 Depth Threshold Exceeded	N	IEthernet	F	F	F	0	F	maj	T	T	F
Ethernet Port1 Queue8 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue8 Depth Threshold Exceeded Cleared	Ethernet Port1 Queue8 Depth Threshold Exceeded Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
HAAM Configuration Mismatch	HAAM Configuration Mismatch	HAAM Configuration Mismatch	N	IManagedElement	F	F	F	0	F	min	T	T	F
HAAM Configuration Mismatch Cleared	HAAM Configuration Mismatch Cleared	HAAM Configuration Mismatch Cleared	N	IManagedElement	F	F	F	0	F	clr	T	T	F
HAAM On Lower Modulation	HAAM On Lower Modulation	HAAM On Lower Modulation	N	IManagedElement	F	F	F	0	F	maj	T	T	F
HAAM On Lower Modulation Cleared	HAAM On Lower Modulation Cleared	HAAM On Lower Modulation Cleared	N	IManagedElement	F	F	F	0	F	clr	T	T	F
HAAM Event	HAAM Event	HAAM Event	N	IManagedElement	F	F	F	0	F	maj	T	T	F
HAAM Event Cleared	HAAM Event Cleared	HAAM Event Cleared	N	IManagedElement	F	F	F	0	F	clr	T	T	F
ATPC Config Mismatch	ATPC Config Mismatch	ATPC Config Mismatch	N	IManagedElement	F	F	F	0	F	min	T	T	F
ATPC Config Mismatch Cleared	ATPC Config Mismatch Cleared	ATPC Config Mismatch Cleared	N	IManagedElement	F	F	F	0	F	clr	T	T	F
DragonWave Link Down	DragonWave Link Down Trap	DragonWave Link Down Trap	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F
DragonWave Link Up	DragonWave Link Down Trap	DragonWave Link Up Trap	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
ATPC Config Mismatch	ATPC Config Mismatch	ATPC Config Mismatch	N	IManagedElement	F	F	F	0	F	min	T	T	F
ATPC Config Mismatch Cleared	ATPC Config Mismatch Cleared	ATPC Config Mismatch Cleared	N	IManagedElement	F	F	F	0	F	clr	T	T	F
SNTP Servers Unreachable	SNTP Servers Unreachable	SNTP Servers Unreachable	N	IManagedElement	F	F	F	0	F	min	T	T	F
SNTP Servers Unreachable Cleared	SNTP Servers Unreachable Cleared	SNTP Servers Unreachable Cleared	N	IManagedElement	F	F	F	0	F	clr	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Dropped Frames Threshold Exceeded	Dropped Frames Threshold Exceeded	Dropped Frames Threshold Exceeded	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
Dropped Frames Threshold Exceeded Cleared	Dropped Frames Threshold Exceeded Cleared	Dropped Frames Threshold Exceeded Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
BW Utilization Threshold Exceeded	BW Utilization Threshold Exceeded	BW Utilization Threshold Exceeded	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
BW Utilization Threshold Exceeded Cleared	BW Utilization Threshold Exceeded Cleared	BW Utilization Threshold Exceeded Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Modem Rx LOS Lock	Modem Rx LOS Lock	Modem Rx LOS Lock	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F
Modem Rx LOS Lock Cleared	Modem Rx LOS Lock Cleared	Modem Rx LOS Lock Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Modem SNR Below Threshold	Modem SNR Below Threshold	Modem SNR Below Threshold	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Modem SNR Below Threshold Cleared	Modem SNR Below Threshold Cleared	Modem SNR Below Threshold Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Modem Equalizer Stress Exceed Threshold	Modem Equalizer Stress Exceed Threshold	Modem Equalizer Stress Exceed Threshold	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Modem Equalizer Stress Exceed Threshold Cleared	Modem Equalizer Stress Exceed Threshold Cleared	Modem Equalizer Stress Exceed Threshold Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Channelized RSL Below Threshold	Channelized RSL Below Threshold	Channelized RSL Below Threshold	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Channelized RSL Below Threshold Cleared	Channelized RSL Below Threshold Cleared	Channelized RSL Below Threshold Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
User Session Commenced	User Session Commenced	User Session Commenced	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
User Session Terminated	User Session Terminated	User Session Terminated	N	IPhysicalLayer	F	F	F	0	F	info	T	T	F
Radio Synth Lost Lock	Radio Synth Lost Lock	Radio Synth Lost Lock	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F
Radio Synth Lost Lock Cleared	Radio Synth Lost Lock Cleared	Radio Synth Lost Lock Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Radio Lost Communication	Radio Lost Communication	Radio Lost Communication	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F
Radio Lost Communication Cleared	Radio Lost Communication Cleared	Radio Lost Communication Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Radio Mismatch	Radio Mismatch	Radio Mismatch	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Radio Mismatch Cleared	Radio Mismatch Cleared	Radio Mismatch Cleared	N	IPhysicalLayer	F	F	F	0	F	Clear	T	T	F
Radio Power Amp	Radio Power Amp	Radio Power Amp	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F
Radio Power Amp Cleared	Radio Power Amp Cleared	Radio Power Amp Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Radio Excessive Tx Cable Loss	Radio Excessive Tx Cable Loss	Radio Excessive Tx Cable Loss	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F
Radio Excessive Tx Cable Loss Cleared	Radio Excessive Tx Cable Loss Cleared	Radio Excessive Tx Cable Loss Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
High Power Radio Tx Detector	High Power Radio Tx Detector	High Power Radio Tx Detector	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
High Power Radio Tx Detector Cleared	High Power Radio Tx Detector Cleared	High Power Radio Tx Detector Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Secondary Radio Is Active	Secondary Radio Is Active	Secondary Radio Is Active	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F
Secondary Radio Is Active Cleared	Secondary Radio Is Active Cleared	Secondary Radio Is Active Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Redundancy Serial Number Mismatch	Redundancy Serial Number Mismatch	Redundancy Serial Number Mismatch	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
Redundancy Serial Number Mismatch Cleared	Redundancy Serial Number Mismatch Cleared	Redundancy Serial Number Mismatch Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Secondary Radio Not Detected	Secondary Radio Not Detected	Secondary Radio Not Detected	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Secondary Radio Not Detected Cleared	Secondary Radio Not Detected Cleared	Secondary Radio Not Detected Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Primary Radio Not Detected	Primary Radio Not Detected	Primary Radio Not Detected	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Primary Radio Not Detected Cleared	Primary Radio Not Detected Cleared	Primary Radio Not Detected Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Primary Radio	Primary Radio	Primary Radio	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F
Primary Radio Cleared	Primary Radio Cleared	Primary Radio Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Excessive Rx Cable Loss	Excessive Rx Cable Loss	Excessive Rx Cable Loss	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Excessive Rx Cable Loss Cleared	Excessive Rx Cable Loss Cleared	Excessive Rx Cable Loss Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Redundancy Secondary Port Is Active	Redundancy Secondary Port Is Active	Redundancy Secondary Port Is Active	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Redundancy Secondary Port Is Active Cleared	Redundancy Secondary Port Is Active Cleared	Redundancy Secondary Port Is Active Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Redundancy Primary Port Faulty	Redundancy Primary Port Faulty	Redundancy Primary Port Faulty	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Redundancy Primary Port Faulty Cleared	Redundancy Primary Port Faulty Cleared	Redundancy Primary Port Faulty Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Redundancy Secondary Port Faulty	Redundancy Secondary Port Faulty	Redundancy Secondary Port Faulty	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Redundancy Secondary Port Faulty Cleared	Redundancy Secondary Port Faulty Cleared	Redundancy Secondary Port Faulty Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Fan Failed	Fan Failed	Fan Failed	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Fan Failed Cleared	Fan Failed Cleared	Fan Failed Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Radio Unit Hw Changed	Radio Unit Hw Changed	Radio Unit Hw Changed	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Radio Drain Current	Radio Drain Current	Radio Drain Current	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Radio Drain Current Cleared	Radio Drain Current Cleared	Radio Drain Current Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
DragonWave Cold Start	DragonWave Cold Start Trap	DragonWave Cold Start Trap	N	IManagedElement	F	F	F	0	F	info	T	T	F
DragonWave Link Down	DragonWave Link Down	DragonWave Link Down	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F
DragonWave Link Up	DragonWave Link Down	DragonWave Link Up	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Radio Drain Current	Radio Drain Current	Radio Drain Current	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Radio Drain Current Cleared	Radio Drain Current	Radio Drain Current Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Radio Power Amp	Radio Power Amp	Radio Power Amp	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Radio Power Amp Cleared	Radio Power Amp	Radio Power Amp Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Modem Rx LOS Lock	Modem Rx LOS Lock	Modem Rx LOS Lock	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F
Modem Rx LOS Lock Cleared	Modem Rx LOS Lock	Modem Rx LOS Lock Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Modem SNR Below Threshold	Modem SNR Below Threshold	Modem SNR Below Threshold	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Modem SNR Below Threshold Cleared	Modem SNR Below Threshold	Modem SNR Below Threshold Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Modem Equalizer Stress Exceed Threshold	Modem Equalizer Stress Exceed Threshold	Modem Equalizer Stress Exceed Threshold	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Modem Equalizer Stress Exceed Threshold Cleared	Modem Equalizer Stress Exceed Threshold	Modem Equalizer Stress Exceed Threshold Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Channelized RSL Below Threshold	Channelized RSL Below Threshold	Channelized RSL Below Threshold	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Channelized RSL Below Threshold Cleared	Channelized RSL Below Threshold	Channelized RSL Below Threshold Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
SNTP Servers Unreachable	SNTP Servers Unreachable	SNTP Servers Unreachable	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
SNTP Servers Unreachable Cleared	SNTP Servers Unreachable	SNTP Servers Unreachable Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
User Session Commenced	User Session Commenced	User Session Commenced	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
User Session Terminated	User Session Commenced	User Session Terminated	N	IPhysicalLayer	F	F	F	0	F	info	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
HAAM Configuration Mismatch	HAAM Configuration Mismatch	HAAM Configuration Mismatch	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
HAAM Configuration Mismatch Cleared	HAAM Configuration Mismatch	HAAM Configuration Mismatch Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
HAAM On Lower Modulation	HAAM On Lower Modulation	HAAM On Lower Modulation	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
HAAM On Lower Modulation Cleared	HAAM On Lower Modulation	HAAM On Lower Modulation Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
ATPC Config Mismatch	ATPC Config Mismatch	ATPC Config Mismatch	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
ATPC Config Mismatch Cleared	ATPC Config Mismatch	ATPC Config Mismatch Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
BW Utilization Threshold Exceeded	BW Utilization Threshold Exceeded	BW Utilization Threshold Exceeded	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
BW Utilization Threshold Exceeded Cleared	BW Utilization Threshold Exceeded	BW Utilization Threshold Exceeded Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Aggregate Dropped Frames Threshold	Aggregate Dropped Frames Threshold	Aggregate Dropped Frames Threshold	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Aggregate Dropped Frames Threshold Cleared	Aggregate Dropped Frames Threshold	Aggregate Dropped Frames Threshold Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Ethernet Speed Reduced	Ethernet Speed Reduced	Ethernet Speed Reduced	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
Ethernet Speed Reduced Cleared	Ethernet Speed Reduced	Ethernet Speed Reduced Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Radio Temperature Out Of Limit	Radio Temperature Out Of Limit	Radio Temperature Out Of Limit	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F
Radio Temperature Out Of Limit Cleared	Radio Temperature Out Of Limit	Radio Temperature Out Of Limit Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Ethernet Queue Dropped Frames Threshold	Ethernet Queue Dropped Frames Threshold	Ethernet Queue Dropped Frames Threshold	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Ethernet Queue Dropped Frames Threshold Cleared	Ethernet Queue Dropped Frames Threshold	Ethernet Queue Dropped Frames Threshold Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Redundancy Partner Config Mismatch	Redundancy Partner Config Mismatch	Redundancy Partner Config Mismatch	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Redundancy Partner Config Mismatch Cleared	Redundancy Partner Config Mismatch	Redundancy Partner Config Mismatch Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Redundancy Active On Secondary	Redundancy Active On Secondary	Redundancy Active On Secondary	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Redundancy Active On Secondary Cleared	Redundancy Active On Secondary	Redundancy Active On Secondary Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Redundancy Operating In Forced Switch	Redundancy Operating In Forced Switch	Redundancy Operating In Forced Switch	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
Redundancy Operating In Forced Switch Cleared	Redundancy Operating In Forced Switch	Redundancy Operating In Forced Switch Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Redundancy Enet Cross Link	Redundancy Enet Cross Link	Redundancy Enet Cross Link	N	IEthernet	F	F	F	0	F	min	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Redundancy Enet Cross Link Cleared	Redundancy Enet Cross Link	Redundancy Enet Cross Link Cleared	N	IEthernet	F	F	F	0	F	clr	T	T	F
Redundancy Active Using Partner WirelessLink	Redundancy Active Using Partner WirelessLink	Redundancy Active Using Partner WirelessLink	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
Redundancy Active Using Partner WirelessLink Cleared	Redundancy Active Using Partner WirelessLink	Redundancy Active Using Partner WirelessLink Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Redundancy Standby WirelessLink In Use	Redundancy Standby WirelessLink In Use	Redundancy Standby WirelessLink In Use	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
Redundancy Standby WirelessLink In Use Cleared	Redundancy Standby WirelessLink In Use	Redundancy Standby WirelessLink In Use Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Redundancy Standby On Primary	Redundancy Standby On Primary	Redundancy Standby On Primary	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
Redundancy Standby On Primary Cleared	Redundancy Standby On Primary	Redundancy Standby On Primary Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
X2 Delivering Half Capacity	X2 Delivering Half Capacity	X2 Delivering Half Capacity	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
X2 Delivering Half Capacity Cleared	X2 Delivering Half Capacity	X2 Delivering Half Capacity Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
BNC Cable Signal Not Detected	BNC Cable Signal Not Detected	BNC Cable Signal Not Detected	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
BNC Cable Signal Not Detected Cleared	BNC Cable Signal Not Detected	BNC Cable Signal Not Detected Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
Queue Depth Threshold	Queue Depth Threshold	Queue Depth Threshold	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F

Table 10-36 DragonWave Horizon Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Queue Depth Threshold Cleared	Queue Depth Threshold	Queue Depth Threshold Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F
HAAM Modulation Changed Event	HAAM Modulation Changed Event	HAAM Modulation Changed Event	N	IManagedElement	F	F	F	0	F	maj	T	T	F
ATPC Auto Disabled	ATPC Auto Disabled	ATPC Auto Disabled	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
ATPC Auto Disabled Cleared	ATPC Auto Disabled	ATPC Auto Disabled Cleared	N	IPhysicalLayer	F	F	F	0	F	clr	T	T	F

Huawei S9300-Series V1 Traps Registry Parameters

Table 10-37 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Huawei S9300-Series V1 traps shown in Table 10-10.

Table 10-37 Huawei S9300-Series V1 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
dummy ticket trap	dummy ticket trap	dummy ticket trap	N	IManagedElement	F	F	F	0	F	clr	F		
huawei Warm start trap	huawei warm start trap	huawei warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F

Table 10-37 Huawei S9300-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
huawei SNMP Link down	huawei snmp link down	huawei snmp link down	ip interface oper status, ce-efp-status-telnet, port-status, basetech-lldp-neighbors-snmpp, basetech-cdp-neighbors-snmpp, ce-vfi-status-telnet, mpls-te-frr-state-telnet	IManagedElement	F	T	F	0	T	min	F	T	T
huawei SNMP Link up	huawei snmp link down	huawei snmp link up	ip interface oper status, ce-efp-status-telnet, port-status, basetech-lldp-neighbors-snmpp, basetech-cdp-neighbors-snmpp, ce-vfi-status-telnet, mpls-te-frr-state-telnet	IManagedElement	F	T	F	0	F	clr	F	T	T
huawei Cold start trap	huawei cold start trap	huawei cold start trap	N	IManagedElement	F	F	T	190000	F	info	T	T	F
huawei BGP down trap	huawei bgp trap	huawei bgp down trap	N	IManagedElement	F	T	T	0	T	maj	F	T	T
huawei BGP established trap	huawei bgp trap	huawei bgp established trap	N	IManagedElement	F	F	F	0	T	clr	F	T	T
huawei SNMP authentication failure	huawei snmp authentication failure	huawei snmp authentication failure	N	IManagedElement	F	T	F	0	F	info	F	T	F

Table 10-37 Huawei S9300-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
huawei OSPF interface state changed to Down	huawei ospf if state down	huawei ospf if state down	N	IManagedElement	F	T	T	0	F	min	F	T	T
huawei OSPF interface state changed to Up	huawei ospf if state down	huawei ospf if state up	N	IManagedElement	F	F	F	0	F	clr	F	T	T
huawei OSPF neighbor state down	huawei ospf neighbor state down	huawei ospf neighbor state down	N	IManagedElement	T	T	T	0	F	maj	F	T	T
huawei OSPF neighbor state up	huawei ospf neighbor state down	huawei ospf neighbor state up	N	IManagedElement	F	F	F	0	F	clr	F	T	T
huawei OSPF interface configuration error	huawei ospf-if-config-err	huawei ospf-if-config-err	N	IManagedElement	F	T	F	0	F	wrn	T	T	F
huawei OSPF interface authentication failure	huawei ospf-if-authentic-fail	huawei ospf-if-authentic-fail	N	IManagedElement	F	T	F	0	F	wrn	T	T	F
huawei OSPF bad packet received	huawei ospf-if-bad-packet	huawei ospf-if-bad-packet	N	IManagedElement	F	T	F	0	T	min	F	T	F
huawei OSPF packet retransmitted	huawei ospf-if-packet-retransmit	huawei ospf-if-packet-retransmit	N	IManagedElement	F	T	F	0	T	min	F	T	F
huawei OSPF new LSA originated	huawei ospf-new-lsa-originated	huawei ospf-new-lsa-originated	N	IManagedElement	F	T	F	0	T	min	F	T	F
huawei OSPF LSA aged to MaxAge	huawei ospf-lsa-reached-maxage	huawei ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	info	F	T	F

Huawei S9300-Series V2 Traps Registry Parameters

Table 10-38 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Huawei S9300-Series V2 traps shown in Table 10-11.

Table 10-38 Huawei S9300-Series V2 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
huawei BGP down trap	huawei bgp down trap	huawei bgp down trap	N	IManagedElement	F	T	T	0	T	maj	F	T	T
huawei BGP established trap	huawei bgp established trap	huawei bgp established trap	N	IManagedElement	F	F	F	0	T	clr	F	T	T
huawei Entity table configuration changed	huawei Entity table configuration changed	huawei Entity table configuration changed	N	IManagedElement	F	F	T	0	F	info	F	T	F
huawei Cold start trap	huawei cold start trap	huawei cold start trap	N	IManagedElement	F	F	T	190000	F	info	T	T	F
huawei Warm start trap	huawei warm start trap	huawei warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
huawei SNMP authentication failure	huawei snmp authentication failure	huawei snmp authentication failure	N	IManagedElement	F	T	F	0	F	info	F	T	F

Table 10-38 Huawei S9300-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
huawei SNMP Link down	huawei snmp link down	huawei snmp link down	ip interface oper status, ce-efp-status-telnet, port-status, basetech-lldp-neighbors-snmp, basetech-cdp-neighbors-snmp, ce-vfi-status-telnet, mpls-te-frr-state-telnet	IManagedElement	F	T	T	0	T	maj	F	T	T
huawei SNMP Link up	huawei snmp link up	huawei snmp link up	ip interface oper status, ce-efp-status-telnet, port-status, basetech-lldp-neighbors-snmp, basetech-cdp-neighbors-snmp, ce-vfi-status-telnet, mpls-te-frr-state-telnet	IManagedElement	F	F	F	0	F	clr	F	T	T
huawei OSPF interface state changed to Down	huawei ospf if state down	huawei ospf if state down	N	IManagedElement	F	T	T	0	F	min	F	T	T
huawei OSPF interface state changed to Up	huawei ospf if state up	huawei ospf if state up	N	IManagedElement	F	F	F	0	F	clr	F	T	T
huawei OSPF virtual interface state changed to Down	huawei ospf virtual if state down	huawei ospf virtual if state down	N	IManagedElement	F	T	T	0	F	min	F	T	T
huawei OSPF neighbor state down	huawei ospf neighbor state down	huawei ospf neighbor state down	N	IManagedElement	T	T	T	0	F	maj	F	T	T

Table 10-38 Huawei S9300-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
huawei OSPF neighbor state up	huawei ospf neighbor state up	huawei ospf neighbor state up	N	IManagedElement	F	F	F	0	F	clr	F	T	T
huawei OSPF virtual neighbor state down	huawei ospf-virtual-neighbor-state-down	huawei ospf-virtual-neighbor-state-down	N	IManagedElement	T	T	T	0	F	min	T	T	T
huawei OSPF virtual neighbor state up	huawei ospf-virtual-neighbor-state-up	huawei ospf-virtual-neighbor-state-up	N	IManagedElement	F	F	F	0	F	clr	F	T	T
huawei OSPF interface configuration error	huawei ospf-if-config-err	huawei ospf-if-config-err	N	IManagedElement	F	T	F	0	F	wrn	T	T	F
huawei OSPF virtual interface configuration error	huawei ospf-virtual-if-config-err	huawei ospf-virtual-if-config-err	N	IManagedElement	F	T	F	0	F	min	F	T	F
huawei OSPF interface authentication failure	huawei ospf-if-authentic-fail	huawei ospf-if-authentic-fail	N	IManagedElement	F	T	F	0	F	wrn	T	T	F
huawei OSPF virtual interface authentication failure	huawei ospf-virtual-if-authentic-fail	huawei ospf-virtual-if-authentic-fail	N	IManagedElement	F	T	F	0	F	wrn	T	T	F
huawei OSPF bad packet received	huawei ospf-if-bad-packet	huawei ospf-if-bad-packet	N	IManagedElement	F	T	F	0	T	min	F	T	F
huawei OSPF bad packet received on virtual interface	huawei ospf-virtual-if-bad-packet	huawei ospf-virtual-if-bad-packet	N	IManagedElement	F	T	F	0	T	min	F	T	F

Table 10-38 Huawei S9300-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
huawei OSPF packet retransmitted	huawei ospf-if-packet-retransmit	huawei ospf-if-packet-retransmit	N	IManagedElement	F	T	F	0	T	min	F	T	F
huawei OSPF packet retransmitted on virtual interface	huawei ospf-virtual-if-packet-retransmit	huawei ospf-virtual-if-packet-retransmit	N	IManagedElement	F	T	F	0	T	min	F	T	F
huawei OSPF new LSA originated	huawei ospf-new-lsa-originated	huawei ospf-new-lsa-originated	N	IManagedElement	F	T	F	0	T	min	F	T	F
huawei OSPF LSA aged to MaxAge	huawei ospf-lsa-reached-maxage	huawei ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	info	F	T	F
huawei mpls l3 vpn numvrf routemax thresh cleared Trap	huawei mpls l3 vpn numvrf routemax thresh cleared	huawei mpls l3 vpn numvrf routemax thresh cleared	N	IManagedElement	F	T	F	0	F	clr	F	T	F
huawei mpls l3 vpn vrf Down Trap	huawei mpls l3 vpn vrf Down	huawei mpls l3 vpn vrf Down	N	IManagedElement	T	T	F	0	F	maj	T	T	F
huawei mpls l3 vpn vrf numvrf routemax thresh exceeded Trap	huawei mpls l3 vpn vrf numvrf routemax thresh exceeded	huawei mpls l3 vpn vrf numvrf routemax thresh exceeded	N	IManagedElement	F	T	F	0	F	wrn	F	T	F
huawei mpls l3 vpn vrf routemid thresh exceeded Trap	huawei mpls l3 vpn vrf routemid thresh exceeded	huawei mpls l3 vpn vrf routemid thresh exceeded	N	IManagedElement	F	T	F	0	F	wrn	F	T	F

Table 10-38 Huawei S9300-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
huawei mpls l3 vpn vrf Up Trap	huawei mpls l3 vpn vrf Up	huawei mpls l3 vpn vrf Up	N	IManagedElement	F	T	F	0	F	clr	F	T	F
huawei MPLS-TE tunnel rerouted trap	huawei mpls te tunnel rerouted trap	huawei mpls te tunnel rerouted trap	N	IManagedElement	F	T	F	0	F	info	T	T	T
huawei MPLS-TE tunnel reoptimized trap	huawei mpls te tunnel reoptimized trap	huawei mpls te tunnel reoptimized trap	N	IManagedElement	F	T	F	0	F	info	F	T	T
huawei MPLS-TE tunnel down	huawei mpls te tunnel down	huawei mpls te tunnel down	Y	IManagedElement	T	T	T	800	F	maj	T	T	T
huawei MPLS-TE tunnel up	huawei mpls te tunnel up	huawei mpls te tunnel up	Y	IManagedElement	F	F	F	0	F	clr	F	T	T

Huawei CX600/ATN Series V1 Traps Registry Parameters

Huawei CX600/ATN Series V1 traps registry parameters supported in Cisco ANA is the same as the Huawei S9300-Series V1 traps registry parameters. For more details on the Huawei S9300-Series V1 traps registry parameters see [Table 10-37](#).

Huawei CX600/ATN Series V2 Traps Registry Parameters

Huawei CX600/ATN Series V2 traps registry parameters supported in Cisco ANA is the same as the Huawei S9300-Series V2 traps registry parameters. For more details on the Huawei S9300-Series V2 traps registry parameters see [Table 10-38](#).

Juniper E-Series V1 Traps Registry Parameters

Table 10-39 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Juniper M-Series V1 traps shown in Table 10-12.

Table 10-39 Juniper E-Series V1 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper BGP established trap	juniper bgp trap	juniper bgp established trap	bgp-process-state, bgp neighbours	IMpBgp	F	F	F	0	T	clr	F	T	T
Juniper BGP down trap	juniper bgp trap	juniper bgp down trap	bgp-process-state, bgp neighbours	IMpBgp	F	T	T	0	T	maj	F	T	T

Juniper E-Series V2 Traps Registry Parameters

Table 10-40 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Juniper E-Series V2 traps shown in Table 10-13.

Table 10-40 Juniper E-Series V2 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper FR DLCI status change trap	Juniper fr dlci status change trap	Juniper fr dlci status change trap	N	IManagedElement	T	F	F	0	F	info	F	T	F
Juniper FR DLCI status up trap	Juniper fr dlci status change trap	Juniper fr dlci status up trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper OSPF interface state changed to Down	Juniper ospf if state down	Juniper ospf if state down	N	IIPInterface	F	T	T	0	F	info	F	T	T

Table 10-40 Juniper E-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF interface state changed to Up	Juniper ospf if state down	Juniper ospf if state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF virtual interface state changed to Down	Juniper ospf virtual if state down	Juniper ospf virtual if state down	N	IProfileContainer (OSPF)	F	T	T	0	F	min	F	T	T
Juniper OSPF neighbor state down	Juniper ospf neighbor state down	Juniper ospf neighbor state down	N	IIPInterface	T	T	T	0	F	maj	T	T	T
Juniper OSPF virtual neighbor state down	Juniper-ospf-virtual-neighbor-state-changed	Juniper-ospf-virtual-neighbor-state-down	N	IOspfEntry	T	T	T	0	F	min	T	T	T
Juniper OSPF virtual neighbor state up	Juniper-ospf-virtual-neighbor-state-changed	Juniper-ospf-virtual-neighbor-state-up	N	IOspfEntry	F	F	F	0	F	clr	F	T	T
Juniper OSPF interface configuration error	Juniper-ospf-if-config-err	Juniper-ospf-if-config-err	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface configuration error	Juniper-ospf-virtual-if-config-err	Juniper-ospf-virtual-if-config-err	N	IProfileContainer (OSPF)	F	T	F	0	F	min	F	T	F
Juniper OSPF interface authentication failure	Juniper-ospf-if-authentic-fail	Juniper-ospf-if-authentic-fail	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface authentication failure	Juniper-ospf-virtual-if-authentic-fail	Juniper-ospf-virtual-if-authentic-fail	N	IProfileContainer (OSPF)	F	T	F	0	F	wrn	T	T	F

Table 10-40 Juniper E-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF bad packet received	Juniper-ospf-if-bad-packet	Juniper-ospf-if-bad-packet	N	IInterface	F	T	F	0	T	min	F	T	F
Juniper OSPF bad packet received on virtual interface	Juniper-ospf-virtual-if-bad-packet	Juniper-ospf-virtual-if-bad-packet	N	IProfileContainer (OSPF)	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted on virtual interface	Juniper-ospf-virtual-if-packet-retransmit	Juniper-ospf-virtual-if-packet-retransmit	N	IProfileContainer (OSPF)	F	T	F	0	T	min	F	T	F
Juniper new root trap	Juniper new root trap	Juniper new root trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Spanning Tree Topology Changed	Juniper-Spanning-Tree-Topology-Change-Trap	Juniper-Spanning-Tree-Topology-Change	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Cold start trap	Juniper cold start trap	Juniper cold start trap	N	IManagedElement	F	F	T	19000	F	info	T	T	F
Juniper SNMP authentication failure	Juniper snmp authentication failure	Juniper snmp authentication failure	N	IManagedElement	F	T	F	0	F	info	F	T	F
Juniper OSPF LSA aged to MaxAge	Juniper-ospf-lsa-reached-maxage	Juniper-ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper OSPF packet retransmitted	Juniper-ospf-if-packet-retransmit	Juniper-ospf-if-packet-retransmit	N	IProfileContainer (OSPF)	F	T	F	0	T	min	F	T	F

Table 10-40 Juniper E-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF new LSA originated	Juniper-ospf-new-lsa-originated	Juniper-ospf-new-lsa-originated	N	IProfileContainer (OSPF)	F	T	F	0	T	min	F	T	F
Juniper Entity table configuration changed	Juniper Entity table configuration changed	Juniper Entity table configuration changed	N	IManagedElement	F	F	T	0	F	info	F	T	F
Juniper OSPF lsdbs approaching overflow trap	Juniper ospf lsdbs approaching overflow trap	Juniper ospf lsdbs approaching overflow trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF lsdbs overflow trap	Juniper ospf lsdbs overflow trap	Juniper ospf lsdbs overflow trap	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper Warm start trap	Juniper warm start trap	Juniper warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
Juniper SNMP Link down	Juniper snmp link down	Juniper snmp link down	ip interface oper status, ce-efp-status-telnet, port-status, basetech-lldp-neighbors-snmp, basetech-cdp-neighbors-snmp	IPPhysicalLayer	F	T	T	0	T	maj	F	T	T
Juniper SNMP Link up	Juniper snmp link down	Juniper snmp link up	ip interface oper status, ce-efp-status-telnet, port-status, basetech-lldp-neighbors-snmp, basetech-cdp-neighbors-snmp	IPPhysicalLayer	F	F	F	0	F	clr	F	T	T

Juniper M-Series V1 Traps Registry Parameters

Table 10-41 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Juniper M-Series V1 traps shown in Table 10-14.

Table 10-41 Juniper M-Series V1 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper FR DLCI status change trap	Juniper fr dlci status change trap	Juniper fr dlci status change trap	N	IManagedElement	T	F	F	0	F	info	F	T	F
Juniper FR DLCI status up trap	Juniper fr dlci status change trap	Juniper fr dlci status up trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper OSPF virtual interface state changed to Down	Juniper ospf virtual if state down	Juniper ospf virtual if state down	N	IProfileContainer (OSPF)	F	T	T	0	F	min	F	T	T
Juniper OSPF neighbor state down	Juniper ospf neighbor state down	Juniper ospf neighbor state down	N	IIPInterface	T	T	T	0	F	maj	T	T	T
Juniper OSPF neighbor state up	Juniper ospf neighbor state down	Juniper ospf neighbor state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF virtual neighbor state down	Juniper ospf-virtual-neighbor-state-change-down	Juniper ospf-virtual-neighbor-state-down	N	IOspfEntry	T	T	T	0	F	min	T	T	T

Table 10-41 Juniper M-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF virtual neighbor state up	Juniper-ospf-virtual-neighbor-state-changed	Juniper-ospf-virtual-neighbor-state-up	N	IOspfEntry	F	F	F	0	F	clr	F	T	T
Juniper OSPF interface configuration error	Juniper-ospf-if-config-err	Juniper-ospf-if-config-err	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface configuration error	Juniper-ospf-virtual-if-config-err	Juniper-ospf-virtual-if-config-err	N	IProfileContainer (OSPF)	F	T	F	0	F	min	F	T	F
Juniper OSPF interface authentication failure	Juniper-ospf-if-authentic-fail	Juniper-ospf-if-authentic-fail	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface authentication failure	Juniper-ospf-virtual-if-authentic-fail	Juniper-ospf-virtual-if-authentic-fail	N	IProfileContainer (OSPF)	F	T	F	0	F	wrn	T	T	F
Juniper OSPF bad packet received	Juniper-ospf-if-bad-packet	Juniper-ospf-if-bad-packet	N	IIPInterface	F	T	F	0	T	min	F	T	F
Juniper OSPF bad packet received on virtual interface	Juniper-ospf-virtual-if-bad-packet	Juniper-ospf-virtual-if-bad-packet	N	IProfileContainer (OSPF)	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted	Juniper-ospf-if-packet-retransmit	Juniper-ospf-if-packet-retransmit	N	IProfileContainer (OSPF)	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted on virtual interface	Juniper-ospf-virtual-if-packet-retransmit	Juniper-ospf-virtual-if-packet-retransmit	N	IProfileContainer (OSPF)	F	T	F	0	T	min	F	T	F
Juniper OSPF new LSA originated	Juniper-ospf-new-lsa-originated	Juniper-ospf-new-lsa-originated	N	IProfileContainer (OSPF)	F	T	F	0	T	min	F	T	F

Table 10-41 Juniper M-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF LSA aged to MaxAge	Juniper-ospf-lsa-reached-maxage	Juniper-ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper OSPF interface state changed to Down	Juniper-ospf-if-state-down	Juniper-ospf-if-state-down	N	IIPInterface	F	T	T	0	F	info	F	T	T
Juniper OSPF interface state changed to Up	Juniper-ospf-if-state-down	Juniper-ospf-if-state-up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper BGP established trap	Juniper-bgp-trap	Juniper-bgp-established-trap	bgp-process-state, bgp-neighbours	IMpBgp	F	F	F	0	T	clr	F	T	T
Juniper BGP down trap	Juniper-bgp-trap	Juniper-bgp-down-trap	bgp-process-state, bgp-neighbours	IMpBgp	F	T	T	0	T	maj	F	T	T
Juniper new root trap	Juniper-new-root-trap	Juniper-new-root-trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Spanning Tree Topology Changed	Juniper-Spanning-Tree-Topology-Change-Trap	Juniper-Spanning-Tree-Topology-Change	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Entity table configuration changed	Juniper-Entity-table-configuration-changed	Juniper-Entity-table-configuration-changed	N	IManagedElement	F	F	T	0	F	info	F	T	F
juniper mpls Lsp Up trap	juniper-mpls-Lsp-Down	juniper-mpls-Lsp-Up	label switching table, mpls-ldp-peers	ILse	F	F	F	0	F	clr	F	T	F
juniper mpls Lsp Down trap	juniper-mpls-Lsp-Down	juniper-mpls-Lsp-Down	label switching table, mpls-ldp-peers	ILse	F	T	F	0	T	maj	F	T	F
juniper mpls Lsp Change trap	juniper-mpls-Lsp-Down	juniper-mpls-Lsp-Change	label switching table, mpls-ldp-peers	ILse	F	F	F	0	T	maj	F	T	F

Table 10-41 Juniper M-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper mpls lsp path down trap	juniper mpls lsp path down	juniper mpls lsp path down	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper mpls lsp path up trap	juniper mpls lsp path down	juniper mpls lsp path up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper aps event switch over trap	juniper aps event switch over	juniper aps event switch over	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper aps event mode mismatch trap	juniper aps event switch over	juniper aps event mode mismatch	N	IManagedElement	F	F	F	0	F	maj	F	T	F
juniper aps event channel mismatch trap	juniper aps event switch over	juniper aps event channel mismatch	N	IManagedElement	F	F	F	0	F	maj	F	T	F
juniper aps event psbf trap	juniper aps event switch over	juniper aps event psbf	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper aps event feplf trap	juniper aps event switch over	juniper aps event feplf	N	IManagedElement	F	F	F	0	T	maj	F	T	F
Juniper VPN Interface Up	juniper vpn if down	juniper vpn if up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
Juniper VPN Interface Down	juniper vpn if down	juniper vpn if down	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper vpn power up trap	juniper vpn if down	juniper vpn power up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper vpn power down trap	juniper vpn if down	juniper vpn power down	N	IManagedElement	F	F	F	0	F	info	F	T	F

Table 10-41 Juniper M-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper power supply failure Trap	juniper fru power off	juniper power supply failure	physical command	IModule	F	F	F	0	F	min	T	T	F
juniper fan failure Trap	juniper fru power off	juniper fan failure	physical command	IModule	F	F	F	0	F	info	T	T	F
juniper over temperature Trap	juniper fru power off	juniper over temperature	physical command	IModule	F	F	F	0	F	info	T	T	F
juniper redundancy switch over Trap	juniper fru power off	juniper redundancy switch over	physical command	IModule	F	F	F	0	F	info	T	T	F
Card Out trap	card out trap	card out trap	physical command	IModule	F	T	F	0	T	maj	F	T	T
juniper fru removal Trap	juniper fru power off	juniper fru removal	physical command	IModule	F	F	F	0	T	maj	F	T	F
Card In trap	card out trap	card in trap	physical command	IModule	F	F	F	0	F	clr	F	T	T
juniper fru insertion Trap	juniper fru power off	juniper fru insertion	physical command	IModule	F	F	F	0	F	clr	F	T	F
Card Down Trap	juniper fru power off	juniper fru power off	physical command	IModule	F	F	F	0	F	maj	T	T	F
Card Up Trap	juniper fru power off	juniper fru power on	physical command	IModule	F	F	F	0	F	clr	F	T	F
juniper fru failed Trap	juniper fru power off	juniper fru failed	physical command	IModule	F	F	F	0	F	maj	T	T	F

Table 10-41 Juniper M-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper fru offline Trap	juniper fru power off	juniper fru offline	physical command	IModule	F	F	F	0	T	maj	F	T	F
juniper fru online Trap	juniper fru power off	juniper fru online	physical command	IModule	F	F	F	0	F	clr	F	T	F
juniper fru check Trap	juniper fru power off	juniper fru check	physical command	IModule	F	F	F	0	T	min	F	T	F
juniper Sp svc set zone entered trap	juniper Sp svc set zone entered	juniper Sp svc set zone entered	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set zone exited trap	juniper Sp svc set zone entered	juniper Sp svc set zone exited	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set cpu exceeded trap	juniper Sp svc set zone entered	juniper Sp svc set cpu exceeded	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set cpu ok trap	juniper Sp svc set zone entered	juniper Sp svc set cpu ok	N	IManagedElement	F	F	F	0	F	clr	T	T	F
juniper dfc soft pps threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc soft pps threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft pps under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc soft pps under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-41 Juniper M-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper dfc hard pps threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc hard pps threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard pps under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc hard pps under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft mem threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc soft mem threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft mem under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc soft mem under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard mem threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc hard mem threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard mem under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc hard mem under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper power supply ok trap	juniper power supply ok	juniper power supply ok	physical command	IModule	F	T	F	0	F	info	F	T	F
juniper fan ok trap	juniper power supply ok	juniper fan ok	physical command	IModule	F	F	F	0	F	info	F	T	F
juniper temperature ok trap	juniper power supply ok	juniper temperature ok	physical command	IModule	F	F	F	0	F	info	F	T	F

Table 10-41 Juniper M-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper Rmon alarm get failure trap	juniper Rmon alarm get failure	juniper Rmon alarm get failure	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper Rmon get ok trap	juniper Rmon alarm get failure	juniper Rmon get ok	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper Ldp Lsp Up trap	juniper Ldp Lsp Down	juniper Ldp Lsp Up	label switching table, mpls-ldp-peers	ILse	F	F	F	0	F	clr	F	T	F
juniper Ldp Lsp Down trap	juniper Ldp Lsp Down	juniper Ldp Lsp Down	label switching table, mpls-ldp-peers	ILse	T	T	F	0	T	maj	F	T	F
juniper ldp session up trap	juniper ldp notification	juniper ldp session up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper ldp session down trap	juniper ldp notification	juniper ldp session down	N	IManagedElement	F	T	F	0	T	maj	F	T	F
juniper Cm cfg change trap	juniper Cm cfg change	juniper Cm cfg change	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper Cm rescue change trap	juniper Cm cfg change	juniper Cm rescue change	N	IManagedElement	F	F	F	0	F	info	F	T	F
juniper sonet alarm set trap	juniper sonet alarm set	juniper sonet alarm set	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper sonet alarm cleared trap	juniper sonet alarm set	juniper sonet alarm cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper PMon overload set trap	juniper PMon overload set	juniper PMon overload set	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-41 Juniper M-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper PMon overload cleared trap	juniper PMon overload set	juniper PMon overload cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll unavailable dest trap	juniper coll unavailable dest	juniper coll unavailable dest	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll unavailable dest cleared trap	juniper coll unavailable dest	juniper coll unavailable dest cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll unsuccessful transfer trap	juniper coll unavailable dest	juniper coll unsuccessful transfer	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll flow overload trap	juniper coll unavailable dest	juniper coll flow overload	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll flow overload cleared trap	juniper coll unavailable dest	juniper coll flow overload cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll memory unavailable trap	juniper coll unavailable dest	juniper coll memory unavailable	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll memory available trap	juniper coll unavailable dest	juniper coll memory available	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll ftp switch over trap	juniper coll unavailable dest	juniper coll ftp switch over	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-41 Juniper M-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper ping rtt std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper bgp M2 established trap	juniper bgp M2 established	juniper bgp M2 established	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper bgp M2 backward transition trap	juniper bgp M2 established	juniper bgp M2 backward transition	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-41 Juniper M-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper Cold start trap	Juniper cold start trap	Juniper cold start trap	N	IManagedElement	F	F	T	190000	F	info	T	T	F
Juniper Warm start trap	Juniper warm start trap	Juniper warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
Juniper Line down trap	Juniper line down trap	Juniper line down trap	ip interface oper status	IIPInterface	F	T	F	0	T	maj	F	T	T
Juniper Line up trap	Juniper line down trap	Juniper line up trap	ip interface oper status	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper SNMP authentication failure	Juniper snmp authentication failure	Juniper snmp authentication failure	N	IManagedElement	F	T	F	0	F	info	F	T	F

Juniper M-Series V2 Traps Registry Parameters

Table 10-42 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Juniper M-Series V2 traps shown in Table 10-15.

Table 10-42 Juniper M-Series V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper FR DLCI status change trap	Juniper fr dlci status change trap	Juniper fr dlci status change trap	N	IManagedElement	T	F	F	0	F	info	F	T	F
Juniper FR DLCI status up trap	Juniper fr dlci status change trap	Juniper fr dlci status up trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper OSPF interface state changed to Down	Juniper ospf virtual if state down	juniper ospf virtual if state down	N	IIPInterface	F	T	T	0	F	info	F	T	T
Juniper OSPF interface state changed to Up	Juniper ospf neighbor state down	juniper ospf neighbor state down	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF virtual neighbor state down	Juniper ospf virtual if state down	juniper ospf virtual if state down	N	IProfileContainer (OSPF)	F	T	T	0	F	min	F	T	T
Juniper OSPF neighbor state down	Juniper ospf neighbor state down	juniper ospf neighbor state down	N	IIPInterface	T	T	T	0	F	maj	T	T	T
Juniper OSPF neighbor state up	Juniper ospf neighbor state down	juniper ospf neighbor state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF virtual neighbor state down	Juniper-ospf-virtual-neighbor-state-changed	Juniper-ospf-virtual-neighbor-state-down	N	IOspfEntry	T	T	T	0	F	min	T	T	T

Table 10-42 Juniper M-Series V2 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF virtual neighbor state up	Juniper-ospf-virtual-neighbor-state-changed	Juniper-ospf-virtual-neighbor-state-up	N	IOspfEntry	F	F	F	0	F	clr	F	T	T
Juniper OSPF interface configuration error	Juniper-ospf-if-config-err	Juniper-ospf-if-config-err	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface configuration error	Juniper-ospf-virtual-if-config-err	Juniper-ospf-virtual-if-config-err	N	IProfileContainer (OSPF)	F	T	F	0	F	min	F	T	F
Juniper OSPF interface authentication failure	Juniper-ospf-if-authentic-fail	Juniper-ospf-if-authentic-fail	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface authentication failure	Juniper-ospf-virtual-if-authentic-fail	Juniper-ospf-virtual-if-authentic-fail	N	IProfileContainer (OSPF)	F	T	F	0	F	wrn	T	T	F
Juniper OSPF bad packet received	Juniper-ospf-if-bad-packet	Juniper-ospf-if-bad-packet	N	IIPInterface	F	T	F	0	T	min	F	T	F
Juniper OSPF bad packet received on virtual interface	Juniper-ospf-virtual-if-bad-packet	Juniper-ospf-virtual-if-bad-packet	N	IProfileContainer (OSPF)	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted	Juniper-ospf-if-packet-retransmit	Juniper-ospf-if-packet-retransmit	N	IProfileContainer (OSPF)	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted on virtual interface	Juniper-ospf-virtual-if-packet-retransmit	Juniper-ospf-virtual-if-packet-retransmit	N	IProfileContainer (OSPF)	F	T	F	0	T	min	F	T	F
Juniper OSPF new LSA originated	Juniper-ospf-new-lsa-originated	Juniper-ospf-new-lsa-originated	N	IProfileContainer (OSPF)	F	T	F	0	T	min	F	T	F

Table 10-42 Juniper M-Series V2 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF LSA aged to MaxAge	Juniper-ospf-lsa-reached-maxage	Juniper-ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper BGP established trap	Juniper bgp trap	Juniper bgp established trap	N	IBgpNeighborEntry	F	T	T	0	T	maj	F	T	T
Juniper BGP down trap	Juniper bgp trap	Juniper bgp down trap	N	IBgpNeighborEntry	F	F	F	0	T	clr	F	T	T
Juniper new root trap	Juniper new root trap	Juniper new root trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Spanning Tree Topology Changed	Juniper-Spanning-Tree-Topology-Change-Trap	Juniper-Spanning-Tree-Topology-Change	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Entity table configuration changed	Juniper Entity table configuration changed	Juniper Entity table configuration changed	N	IManagedElement	F	F	T	0	F	info	F	T	F
juniper mpls Lsp Up trap	juniper mpls Lsp Down	juniper mpls Lsp Up	label switching table, mpls-ldp-peers	ILse	F	F	F	0	F	clr	F	T	F
juniper mpls Lsp Down trap	juniper mpls Lsp Down	juniper mpls Lsp Down	label switching table, mpls-ldp-peers	ILse	F	T	F	0	T	maj	F	T	F
juniper mpls Lsp Change trap	juniper mpls Lsp Down	juniper mpls Lsp Change	label switching table, mpls-ldp-peers	ILse	F	F	F	0	T	maj	F	T	F
juniper mpls lsp path down trap	juniper mpls lsp path down	juniper mpls lsp path down	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper mpls lsp path up trap	juniper mpls lsp path down	juniper mpls lsp path up	N	IManagedElement	F	F	F	0	F	clr	F	T	F

Table 10-42 Juniper M-Series V2 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper aps event switch over trap	juniper aps event switch over	juniper aps event switch over	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper aps event mode mismatch trap	juniper aps event switch over	juniper aps event mode mismatch	N	IManagedElement	F	F	F	0	F	maj	F	T	F
juniper aps event channel mismatch trap	juniper aps event switch over	juniper aps event channel mismatch	N	IManagedElement	F	F	F	0	F	maj	F	T	F
juniper aps event psbf trap	juniper aps event switch over	juniper aps event psbf	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper aps event feplf trap	juniper aps event switch over	juniper aps event feplf	N	IManagedElement	F	F	F	0	T	maj	F	T	F
Juniper VPN Interface Up	juniper vpn if down	juniper vpn if up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
Juniper VPN Interface Down	juniper vpn if down	juniper vpn if down	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper vpn power up trap	juniper vpn if down	juniper vpn power up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper vpn power down trap	juniper vpn if down	juniper vpn power down	N	IManagedElement	F	F	F	0	F	info	F	T	F
juniper power supply failure Trap	juniper fru power off	juniper power supply failure	physical command	IModule	F	F	F	0	F	min	T	T	F
juniper fru offline Trap	juniper fru power off	juniper fru offline	physical command	IModule	F	F	F	0	T	maj	F	T	F

Table 10-42 Juniper M-Series V2 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper fru online Trap	juniper fru power off	juniper fru online	physical command	IModule	F	F	F	0	F	clr	F	T	F
juniper fru check Trap	juniper fru power off	juniper fru check	physical command	IModule	F	F	F	0	T	min	F	T	F
juniper fan failure Trap	juniper fru power off	juniper fan failure	physical command	IModule	F	F	F	0	F	info	T	T	F
juniper over temperature Trap	juniper fru power off	juniper over temperature	physical command	IModule	F	F	F	0	F	info	T	T	F
juniper redundancy switch over Trap	juniper fru power off	juniper redundancy switch over	physical command	IModule	F	F	F	0	F	info	T	T	F
juniper fru removal Trap	juniper fru power off	juniper fru removal	physical command	IModule	F	F	F	0	T	maj	F	T	F
juniper fru insertion Trap	juniper fru power off	juniper fru insertion	physical command	IModule	F	F	F	0	F	clr	F	T	F
Card Down Trap	juniper fru power off	juniper fru power off	physical command	IModule	F	F	F	0	F	maj	T	T	F
Card Up Trap	juniper fru power off	juniper fru power on	physical command	IModule	F	F	F	0	F	clr	F	T	F
juniper fru failed Trap	juniper fru power off	juniper fru failed	physical command	IModule	F	F	F	0	F	maj	T	T	F

Table 10-42 Juniper M-Series V2 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper Sp svc set zone entered trap	juniper Sp svc set zone entered	juniper Sp svc set zone entered	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set zone exited trap	juniper Sp svc set zone entered	juniper Sp svc set zone exited	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set cpu exceeded trap	juniper Sp svc set zone entered	juniper Sp svc set cpu exceeded	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set cpu ok trap	juniper Sp svc set zone entered	juniper Sp svc set cpu ok	N	IManagedElement	F	F	F	0	F	clr	T	T	F
juniper dfc soft pps threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc soft pps threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft pps under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc soft pps under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard pps threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc hard pps threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard pps under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc hard pps under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft mem threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc soft mem threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-42 Juniper M-Series V2 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper dfc soft mem under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc soft mem under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard mem threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc hard mem threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard mem under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc hard mem under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper power supply ok trap	juniper power supply ok	juniper power supply ok	physical command	IModule	F	T	F	0	F	info	F	T	F
juniper fan ok trap	juniper power supply ok	juniper fan ok	physical command	IModule	F	F	F	0	F	info	F	T	F
juniper temperature ok trap	juniper power supply ok	juniper temperature ok	physical command	IModule	F	F	F	0	F	info	F	T	F
juniper Rmon alarm get failure trap	juniper Rmon alarm get failure	juniper Rmon alarm get failure	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper Rmon get ok trap	juniper Rmon alarm get failure	juniper Rmon get ok	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper Ldp Lsp Up trap	juniper Ldp Lsp Down	juniper Ldp Lsp Up	label switching table, mpls-ldp-peers	ILse	F	F	F	0	F	clr	F	T	F
juniper Ldp Lsp Down trap	juniper Ldp Lsp Down	juniper Ldp Lsp Down	label switching table, mpls-ldp-peers	ILse	T	T	F	0	T	maj	F	T	F

Table 10-42 Juniper M-Series V2 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper ldp session up trap	juniper ldp notification	juniper ldp session up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper ldp session down trap	juniper ldp notification	juniper ldp session down	N	IManagedElement	F	T	F	0	T	maj	F	T	F
juniper Cm cfg change trap	juniper Cm cfg change	juniper Cm cfg change	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper Cm rescue change trap	juniper Cm cfg change	juniper Cm rescue change	N	IManagedElement	F	F	F	0	F	info	F	T	F
juniper sonet alarm set trap	juniper sonet alarm set	juniper sonet alarm set	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper sonet alarm cleared trap	juniper sonet alarm set	juniper sonet alarm cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper PMon overload set trap	juniper PMon overload set	juniper PMon overload set	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper PMon overload cleared trap	juniper PMon overload set	juniper PMon overload cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll unavailable dest trap	juniper coll unavailable dest	juniper coll unavailable dest	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll unavailable dest cleared trap	juniper coll unavailable dest	juniper coll unavailable dest cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll unsuccessful transfer trap	juniper coll unavailable dest	juniper coll unsuccessful transfer	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-42 Juniper M-Series V2 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper coll flow overload trap	juniper coll unavailable dest	juniper coll flow overload	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll flow overload cleared trap	juniper coll unavailable dest	juniper coll flow overload cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll memory unavailable trap	juniper coll unavailable dest	juniper coll memory unavailable	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll memory available trap	juniper coll unavailable dest	juniper coll memory available	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll ftp switch over trap	juniper coll unavailable dest	juniper coll ftp switch over	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-42 Juniper M-Series V2 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper ping egress jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper bgp M2 established trap	juniper bgp M2 established	juniper bgp M2 established	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper bgp M2 backward transition trap	juniper bgp M2 established	juniper bgp M2 backward transition	N	IManagedElement	F	F	F	0	T	maj	F	T	F
Juniper Cold start trap	Juniper cold start trap	Juniper cold start trap	N	IManagedElement	F	F	T	19000	F	info	T	T	F
Juniper Warm start trap	Juniper warm start trap	Juniper warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
Juniper Line down trap	Juniper line down trap	Juniper line down trap	ip interface oper status	IIPInterface	F	T	F	0	T	maj	F	T	T

Table 10-42 Juniper M-Series V2 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper Line up trap	Juniper line down trap	Juniper line up trap	ip interface oper status	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper SNMP authentication failure	Juniper snmp authentication failure	Juniper snmp authentication failure	N	IManagedElement	F	T	F	0	F	info	F	T	F

Juniper MX-Series V1 Traps Registry Parameters

Table 10-43 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Juniper MX-Series V1 traps shown in Table 10-16.

Table 10-43 Juniper MX-Series V1 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF virtual interface state changed to Down	juniper ospf virtual if state down	juniper ospf virtual if state down	N	IManagedElement	F	T	T	0	F	min	F	T	T
Juniper OSPF neighbor state down	juniper ospf neighbor state down	juniper ospf neighbor state down	N	IIPInterface	T	T	T	0	F	maj	F	T	T
Juniper OSPF neighbor state up	juniper ospf neighbor state down	juniper ospf neighbor state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF virtual neighbor state down	juniper-ospf-virtual-neighbor-state-changed	juniper-ospf-virtual-neighbor-state-changed	N	IOspfEntry	T	T	T	0	F	min	T	T	T
Juniper OSPF virtual neighbor state up	juniper-ospf-virtual-neighbor-state-changed	juniper-ospf-virtual-neighbor-state-up	N	IOspfEntry	F	F	F	0	F	clr	F	T	T
Juniper OSPF interface configuration error	Juniper-ospf-if-config-err	Juniper-ospf-if-config-err	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface configuration error	Juniper-ospf-virtual-if-config-err	Juniper-ospf-virtual-if-config-err	N	IManagedElement	F	T	F	0	F	min	F	T	F
Juniper OSPF interface authentication failure	Juniper-ospf-if-authentic-fail	Juniper-ospf-if-authentic-fail	N	IIPInterface	F	T	F	0	F	wrn	T	T	F

Table 10-43 Juniper MX-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF virtual interface authentication failure	Juniper-ospf-virtual-if-authentic-fail	Juniper-ospf-virtual-if-authentic-fail	N	IManagedElement	F	T	F	0	F	wrn	T	T	F
Juniper OSPF bad packet received	Juniper-ospf-if-bad-packet	Juniper-ospf-if-bad-packet	N	IIPInterface	F	T	F	0	T	min	F	T	F
Juniper OSPF bad packet received on virtual interface	Juniper-ospf-virtual-if-bad-packet	Juniper-ospf-virtual-if-bad-packet	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted	Juniper-ospf-if-packet-retransmit	Juniper-ospf-if-packet-retransmit	N	IIPInterface	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted on virtual interface	Juniper-ospf-virtual-if-packet-retransmit	Juniper-ospf-virtual-if-packet-retransmit	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF new LSA originated	Juniper-ospf-new-lsa-originated	Juniper-ospf-new-lsa-originated	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF LSA aged to MaxAge	Juniper-ospf-lsa-reached-maxage	Juniper-ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper OSPF interface state changed to Down	Juniper-ospf-if-state-down	Juniper-ospf-if-state-down	N	IIPInterface	F	T	T	0	F	info	F	T	T
Juniper OSPF interface state changed to Up	Juniper-ospf-if-state-up	Juniper-ospf-if-state-up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper BGP established trap	Juniper-bgp-trap	Juniper-bgp-established-trap	bgp-process-state, bgp-neighbours	IMpBgp	F	F	F	0	T	clr	F	T	T
Juniper BGP down trap	Juniper-bgp-trap	Juniper-bgp-down-trap	bgp-process-state, bgp-neighbours	IMpBgp	F	T	T	0	T	maj	F	T	T

Table 10-43 Juniper MX-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper new root trap	Juniper new root trap	Juniper new root trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Spanning Tree Topology Changed	Juniper-Spanning-Tree-Topology-Change-Trap	Juniper-Spanning-Tree-Topology-Change-Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Entity table configuration changed	Juniper Entity table configuration changed	Juniper Entity table configuration changed	N	IManagedElement	F	F	T	0	F	info	F	T	F
juniper mpls Lsp Up trap	juniper mpls Lsp Down	juniper mpls Lsp Up	label switching table, mpls-ldp-peers	ILse	F	F	F	0	F	clr	F	T	F
juniper mpls Lsp Down trap	juniper mpls Lsp Down	juniper mpls Lsp Down	label switching table, mpls-ldp-peers	ILse	F	T	F	0	T	maj	F	T	F
juniper mpls Lsp Change trap	juniper mpls Lsp Down	juniper mpls Lsp Change	label switching table, mpls-ldp-peers	ILse	F	F	F	0	T	maj	F	T	F
juniper mpls lsp path down trap	juniper mpls lsp path down	juniper mpls lsp path down	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper mpls lsp path up trap	juniper mpls lsp path down	juniper mpls lsp path up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper aps event switch over trap	juniper aps event switch over	juniper aps event switch over	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper aps event mode mismatch trap	juniper aps event switch over	juniper aps event mode mismatch	N	IManagedElement	F	F	F	0	F	maj	F	T	F

Table 10-43 Juniper MX-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper aps event channel mismatch trap	juniper aps event switch over	juniper aps event channel mismatch	N	IManagedElement	F	F	F	0	F	maj	F	T	F
juniper aps event psbf trap	juniper aps event switch over	juniper aps event psbf	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper aps event feplf trap	juniper aps event switch over	juniper aps event feplf	N	IManagedElement	F	F	F	0	T	maj	F	T	F
Juniper VPN Interface Up	juniper vpn if down	juniper vpn if up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
Juniper VPN Interface Down	juniper vpn if down	juniper vpn if down	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper vpn power up trap	juniper vpn if down	juniper vpn power up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper vpn power down trap	juniper vpn if down	juniper vpn power down	N	IManagedElement	F	F	F	0	F	info	F	T	F
juniper power supply failure Trap	juniper fru power off	juniper power supply failure	physical command	IModule	F	F	F	0	F	min	T	T	F
juniper fan failure Trap	juniper fru power off	juniper fan failure	physical command	IModule	F	F	F	0	F	info	T	T	F
juniper over temperature Trap	juniper fru power off	juniper over temperature	physical command	IModule	F	F	F	0	F	info	T	T	F
juniper redundancy switch over Trap	juniper fru power off	juniper redundancy switch over	physical command	IModule	F	F	F	0	F	info	T	T	F

Table 10-43 Juniper MX-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Card Out trap	card out trap	card out trap	physical command	IModule	F	T	F	0	T	maj	F	T	T
Card In trap	card out trap	card in trap	physical command	IModule	F	F	F	0	F	clr	F	T	T
Card Down Trap	juniper fru power off	juniper fru power off	physical command	IModule	F	F	F	0	F	maj	T	T	F
Card Up Trap	juniper fru power off	juniper fru power on	physical command	IModule	F	F	F	0	F	clr	F	T	F
juniper fru failed Trap	juniper fru power off	juniper fru failed	physical command	IModule	F	F	F	0	F	maj	T	T	F
juniper fru offline Trap	juniper fru power off	juniper fru offline	physical command	IModule	F	F	F	0	T	maj	F	T	F
juniper fru online Trap	juniper fru power off	juniper fru online	physical command	IModule	F	F	F	0	F	clr	F	T	F
juniper fru check Trap	juniper fru power off	juniper fru check	physical command	IModule	F	F	F	0	T	min	F	T	F
juniper Sp svc set zone entered trap	juniper Sp svc set zone entered	juniper Sp svc set zone entered	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set zone exited trap	juniper Sp svc set zone entered	juniper Sp svc set zone exited	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set cpu exceeded trap	juniper Sp svc set zone entered	juniper Sp svc set cpu exceeded	N	IManagedElement	F	F	F	0	F	maj	T	T	F

Table 10-43 Juniper MX-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper Sp svc set cpu ok trap	juniper Sp svc set zone entered	juniper Sp svc set cpu ok	N	IManagedElement	F	F	F	0	F	clr	T	T	F
juniper dfc soft pps threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc soft pps threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft pps under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc soft pps under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard pps threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc hard pps threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard pps under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc hard pps under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft mem threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc soft mem threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft mem under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc soft mem under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard mem threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc hard mem threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-43 Juniper MX-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper dfc hard mem under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc hard mem under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper power supply ok trap	juniper power supply ok	juniper power supply ok	physical command	IModule	F	T	F	0	F	info	F	T	F
juniper fan ok trap	juniper power supply ok	juniper fan ok	physical command	IModule	F	F	F	0	F	info	F	T	F
juniper temperature ok trap	juniper power supply ok	juniper temperature ok	physical command	IModule	F	F	F	0	F	info	F	T	F
juniper Rmon alarm get failure trap	juniper Rmon alarm get failure	juniper Rmon alarm get failure	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper Rmon get ok trap	juniper Rmon alarm get failure	juniper Rmon get ok	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper Ldp Lsp Up trap	juniper Ldp Lsp Down	juniper Ldp Lsp Up	label switching table, mpls-ldp-peers	ILse	F	F	F	0	F	clr	F	T	F
juniper Ldp Lsp Down trap	juniper Ldp Lsp Down	juniper Ldp Lsp Down	label switching table, mpls-ldp-peers	ILse	T	T	F	0	T	maj	F	T	F
juniper ldp session up trap	juniper ldp notification	juniper ldp session up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper ldp session down trap	juniper ldp notification	juniper ldp session down	N	IManagedElement	F	T	F	0	T	maj	F	T	F
juniper Cm cfg change trap	juniper Cm cfg change	juniper Cm cfg change	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-43 Juniper MX-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper Cm rescue change trap	juniper Cm cfg change	juniper Cm rescue change	N	IManagedElement	F	F	F	0	F	info	F	T	F
juniper sonet alarm set trap	juniper sonet alarm set	juniper sonet alarm set	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper sonet alarm cleared trap	juniper sonet alarm set	juniper sonet alarm cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper PMon overload set trap	juniper PMon overload set	juniper PMon overload set	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper PMon overload cleared trap	juniper PMon overload set	juniper PMon overload cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll unavailable dest trap	juniper coll unavailable dest	juniper coll unavailable dest	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll unavailable dest cleared trap	juniper coll unavailable dest	juniper coll unavailable dest cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll unsuccessful transfer trap	juniper coll unavailable dest	juniper coll unsuccessful transfer	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll flow overload trap	juniper coll unavailable dest	juniper coll flow overload	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll flow overload cleared trap	juniper coll unavailable dest	juniper coll flow overload cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll memory unavailable trap	juniper coll unavailable dest	juniper coll memory unavailable	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-43 Juniper MX-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper coll memory available trap	juniper coll unavailable dest	juniper coll memory available	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll ftp switch over trap	juniper coll unavailable dest	juniper coll ftp switch over	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-43 Juniper MX-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper ping ingress jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper bgp M2 established trap	juniper bgp M2 established	juniper bgp M2 established	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper bgp M2 backward transition trap	juniper bgp M2 established	juniper bgp M2 backward transition	N	IManagedElement	F	F	F	0	T	maj	F	T	F
Juniper Cold start trap	Juniper cold start trap	Juniper cold start trap	N	IManagedElement	F	F	T	190000	F	info	T	T	F
Juniper Warm start trap	Juniper warm start trap	Juniper warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
Juniper Line down trap	Juniper line down trap	Juniper line down trap	ip interface oper status	IIPInterface	F	T	F	0	T	maj	F	T	T
Juniper Line up trap	Juniper line down trap	Juniper line up trap	ip interface oper status	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper SNMP authentication failure	Juniper snmp authentication failure	Juniper snmp authentication failure	N	IManagedElement	F	T	F	0	F	info	F	T	F
juniper isis database overload trap	Juniperisisdatabaseoverload	Juniperisisdatabaseoverload		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis manual address drops trap	JuniperisisManualAddressDrops	JuniperisisManualAddressDrops		IManagedElement	F	F	F	0	F	min	T	T	F

Table 10-43 Juniper MX-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper isis corrupted lsp detected trap	JuniperisisCorruptedLSPDetected	JuniperisisCorruptedLSPDetected		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis attempt to exceed maxsequence trap	JuniperisisAttemptToExceedMaxSequence	JuniperisisAttemptToExceedMaxSequence		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis ID Len mismatch trap	JuniperisisIDLenMismatch	JuniperisisIDLenMismatch		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis max area addresses mismatch trap	JuniperisisMaxAreaAddressesMismatch	JuniperisisMaxAreaAddressesMismatch		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis own lsp purge trap	JuniperisisOwnLSPPurge	JuniperisisOwnLSPPurge		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis sequence number skip trap	JuniperisisSequenceNumberSkip	JuniperisisSequenceNumberSkip		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis authentication type failure	JuniperisisAuthenticationTypeFailure	JuniperisisAuthenticationTypeFailure		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis authentication failure	JuniperisisAuthenticationFailure	JuniperisisAuthenticationFailure		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis version skew	JuniperisisVersionSkew	JuniperisisVersionSkew		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis area mismatch	JuniperisisAreaMismatch	JuniperisisAreaMismatch		IManagedElement	F	F	F	0	F	min	T	T	F

Table 10-43 Juniper MX-Series V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper isis rejected adjacency	JuniperisisRejectedAdjacency	JuniperisisRejectedAdjacency		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis lsp too large	JuniperisisLSPTooLargeToPropagate	JuniperisisLSPTooLargeToPropagate		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis orig lsp buffer size mismatch	JuniperJ uniperisisOrigLSPBuffSizeMismatch	JuniperJuniperisisOrigLSPBuffSizeMismatch		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis protocols supported mismatch	JuniperisisProtocolsSupportedMismatch	JuniperisisProtocolsSupportedMismatch		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis adjacency change	JuniperisisAdjacencyChange	JuniperisisAdjacencyChange		IManagedElement	F	F	F	0	F	min	T	T	F
juniper isis lsp error detected	JuniperisisLSPErrorDetected	JuniperisisLSPErrorDetected		IManagedElement	F	F	F	0	F	min	T	T	F

Juniper MX-Series V2 Traps Registry Parameters

Table 10-44 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Juniper MX-Series V2 traps shown in Table 10-17.

Table 10-44 Juniper MX-Series V2 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF interface state changed to Down	Juniper ospf if state down	Juniper ospf if state down	N	IIPInterface	F	T	T	0	F	info	F	T	T
Juniper OSPF interface state changed to Up	Juniper ospf if state down	Juniper ospf if state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF virtual interface state changed to Down	juniper ospf virtual if state down	juniper ospf virtual if state down	N	IManagedElement	F	T	T	0	F	min	F	T	T
Juniper OSPF neighbor state down	juniper ospf neighbor state down	juniper ospf neighbor state down	N	IIPInterface	T	T	T	0	F	maj	F	T	T
Juniper OSPF neighbor state up	juniper ospf neighbor state down	juniper ospf neighbor state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF interface configuration error	juniper-ospf-virtual-neighbor-state-changed	juniper-ospf-virtual-neighbor-state-changed	N	IOspfEntry	T	T	T	0	F	min	T	T	T
Juniper OSPF virtual interface configuration error	juniper-ospf-virtual-neighbor-state-changed	juniper-ospf-virtual-neighbor-state-up	N	IOspfEntry	F	F	F	0	F	clr	F	T	T
Juniper OSPF interface configuration error	Juniper-ospf-if-config-err	Juniper-ospf-if-config-err	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface configuration error	Juniper-ospf-virtual-if-config-err	Juniper-ospf-virtual-if-config-err	N	IManagedElement	F	T	F	0	F	min	F	T	F

Table 10-44 Juniper MX-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF interface authentication failure	Juniper-ospf-if-authentic-fail	Juniper-ospf-if-authentic-fail	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface authentication failure	Juniper-ospf-virtual-if-authentic-fail	Juniper-ospf-virtual-if-authentic-fail	N	IManagedElement	F	T	F	0	F	wrn	T	T	F
Juniper OSPF bad packet received	Juniper-ospf-if-bad-packet	Juniper-ospf-if-bad-packet	N	IIPInterface	F	T	F	0	T	min	F	T	F
Juniper OSPF bad packet received on virtual interface	Juniper-ospf-virtual-if-bad-packet	Juniper-ospf-virtual-if-bad-packet	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted	Juniper-ospf-if-packet-retransmit	Juniper-ospf-if-packet-retransmit	N	IIPInterface	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted on virtual interface	Juniper-ospf-virtual-if-packet-retransmit	Juniper-ospf-virtual-if-packet-retransmit	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF new LSA originated	Juniper-ospf-new-lsa-originated	Juniper-ospf-new-lsa-originated	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF LSA aged to MaxAge	Juniper-ospf-lsa-reached-maxage	Juniper-ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper BGP established trap	Juniper bgp trap	Juniper bgp established trap	N	IBgpNeighborEntry	F	T	T	0	T	maj	F	T	T
Juniper BGP down trap	Juniper bgp trap	Juniper bgp down trap	N	IBgpNeighborEntry	F	F	F	0	T	clr	F	T	T
Juniper new root trap	Juniper new root trap	Juniper new root trap	N	IManagedElement	F	F	F	0	F	info	F	T	F

Table 10-44 Juniper MX-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper Spanning Tree Topology Changed	Juniper-Spanning-Tree-Topology-Change-Trap	Juniper-Spanning-Tree-Topology-Change-Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Entity table configuration changed	Juniper Entity table configuration changed	Juniper Entity table configuration changed	N	IManagedElement	F	F	T	0	F	info	F	T	F
juniper mpls Lsp Up trap	juniper mpls Lsp Down	juniper mpls Lsp Up	label switching table, mpls-ldp-peers	ILse	F	F	F	0	F	clr	F	T	F
juniper mpls Lsp Down trap	juniper mpls Lsp Down	juniper mpls Lsp Down	label switching table, mpls-ldp-peers	ILse	F	T	F	0	T	maj	F	T	F
juniper mpls Lsp Change trap	juniper mpls Lsp Down	juniper mpls Lsp Change	label switching table, mpls-ldp-peers	ILse	F	F	F	0	T	maj	F	T	F
juniper mpls Lsp path down trap	juniper mpls Lsp path down	juniper mpls Lsp path down	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper mpls Lsp path up trap	juniper mpls Lsp path down	juniper mpls Lsp path up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper aps event switch over trap	juniper aps event switch over	juniper aps event switch over	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper aps event mode mismatch trap	juniper aps event switch over	juniper aps event mode mismatch	N	IManagedElement	F	F	F	0	F	maj	F	T	F
juniper aps event channel mismatch trap	juniper aps event switch over	juniper aps event channel mismatch	N	IManagedElement	F	F	F	0	F	maj	F	T	F

Table 10-44 Juniper MX-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper aps event psbf trap	juniper aps event switch over	juniper aps event psbf	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper aps event feplf trap	juniper aps event switch over	juniper aps event feplf	N	IManagedElement	F	F	F	0	T	maj	F	T	F
Juniper VPN Interface Up	juniper vpn if down	juniper vpn if up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
Juniper VPN Interface Down	juniper vpn if down	juniper vpn if down	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper vpn power up trap	juniper vpn if down	juniper vpn power up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper vpn power down trap	juniper vpn if down	juniper vpn power down	N	IManagedElement	F	F	F	0	F	info	F	T	F
juniper power supply failure Trap	juniper fru power off	juniper power supply failure	physical command	IModule	F	F	F	0	F	min	T	T	F
juniper fru offline Trap	juniper fru power off	juniper fru offline	physical command	IModule	F	F	F	0	T	maj	F	T	F
juniper fru online Trap	juniper fru power off	juniper fru online	physical command	IModule	F	F	F	0	F	clr	F	T	F
juniper fru check Trap	juniper fru power off	juniper fru check	physical command	IModule	F	F	F	0	T	min	F	T	F
juniper fan failure Trap	juniper fru power off	juniper fan failure	physical command	IModule	F	F	F	0	F	info	T	T	F

Table 10-44 Juniper MX-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper over temperature Trap	juniper fru power off	juniper over temperature	physical command	IModule	F	F	F	0	F	info	T	T	F
juniper redundancy switch over Trap	juniper fru power off	juniper redundancy switch over	physical command	IModule	F	F	F	0	F	info	T	T	F
Card Out trap	juniper fru power off	juniper fan failure	physical command	IModule	F	F	F	0	T	info	T	T	F
Card In trap	juniper fru power off	juniper over temperature	physical command	IModule	F	F	F	0	F	info	T	T	F
Card Down Trap	juniper fru power off	juniper fru power off	physical command	IModule	F	F	F	0	F	maj	T	T	F
Card Up Trap	juniper fru power off	juniper fru power on	physical command	IModule	F	F	F	0	F	clr	F	T	F
juniper fru failed Trap	juniper fru power off	juniper fru failed	physical command	IModule	F	F	F	0	F	maj	T	T	F
juniper Sp svc set zone entered trap	juniper Sp svc set zone entered	juniper Sp svc set zone entered	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set zone exited trap	juniper Sp svc set zone entered	juniper Sp svc set zone exited	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set cpu exceeded trap	juniper Sp svc set zone entered	juniper Sp svc set cpu exceeded	N	IManagedElement	F	F	F	0	F	maj	T	T	F

Table 10-44 Juniper MX-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper Sp svc set cpu ok trap	juniper Sp svc set zone entered	juniper Sp svc set cpu ok	N	IManagedElement	F	F	F	0	F	clr	T	T	F
juniper dfc soft pps threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc soft pps threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft pps under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc soft pps under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard pps threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc hard pps threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard pps under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc hard pps under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft mem threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc soft mem threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft mem under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc soft mem under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard mem threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc hard mem threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-44 Juniper MX-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper dfc hard mem under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc hard mem under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper power supply ok trap	juniper power supply ok	juniper power supply ok	physical command	IModule	F	T	F	0	F	info	F	T	F
juniper fan ok trap	juniper power supply ok	juniper fan ok	physical command	IModule	F	F	F	0	F	info	F	T	F
juniper temperature ok trap	juniper power supply ok	juniper temperature ok	physical command	IModule	F	F	F	0	F	info	F	T	F
juniper Rmon alarm get failure trap	juniper Rmon alarm get failure	juniper Rmon alarm get failure	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper Rmon get ok trap	juniper Rmon alarm get failure	juniper Rmon get ok	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper Ldp Lsp Up trap	juniper Ldp Lsp Down	juniper Ldp Lsp Up	label switching table, mpls-ldp-peers	ILse	F	F	F	0	F	clr	F	T	F
juniper Ldp Lsp Down trap	juniper Ldp Lsp Down	juniper Ldp Lsp Down	label switching table, mpls-ldp-peers	ILse	T	T	F	0	T	maj	F	T	F
juniper ldp session up trap	juniper ldp notification	juniper ldp session up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper ldp session down trap	juniper ldp notification	juniper ldp session down	N	IManagedElement	F	T	F	0	T	maj	F	T	F
juniper Cm cfg change trap	juniper Cm cfg change	juniper Cm cfg change	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-44 Juniper MX-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper Cm rescue change trap	juniper Cm cfg change	juniper Cm rescue change	N	IManagedElement	F	F	F	0	F	info	F	T	F
juniper sonet alarm set trap	juniper sonet alarm set	juniper sonet alarm set	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper sonet alarm cleared trap	juniper sonet alarm set	juniper sonet alarm cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper PMon overload set trap	juniper PMon overload set	juniper PMon overload set	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper PMon overload cleared trap	juniper PMon overload set	juniper PMon overload cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll unavailable dest trap	juniper coll unavailable dest	juniper coll unavailable dest	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll unavailable dest cleared trap	juniper coll unavailable dest	juniper coll unavailable dest cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll unsuccessful transfer trap	juniper coll unavailable dest	juniper coll unsuccessful transfer	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll flow overload trap	juniper coll unavailable dest	juniper coll flow overload	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll flow overload cleared trap	juniper coll unavailable dest	juniper coll flow overload cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll memory unavailable trap	juniper coll unavailable dest	juniper coll memory unavailable	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-44 Juniper MX-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper coll memory available trap	juniper coll unavailable dest	juniper coll memory available	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll ftp switch over trap	juniper coll unavailable dest	juniper coll ftp switch over	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-44 Juniper MX-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper ping ingress jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper bgp M2 established trap	juniper bgp M2 established	juniper bgp M2 established	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper bgp M2 backward transition trap	juniper bgp M2 established	juniper bgp M2 backward transition	N	IManagedElement	F	F	F	0	T	maj	F	T	F
Juniper Cold start trap	Juniper cold start trap	Juniper cold start trap	N	IManagedElement	F	F	T	190000	F	info	T	T	F
Juniper Warm start trap	Juniper warm start trap	Juniper warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
Juniper Line down trap	Juniper line down trap	Juniper line down trap	ip interface oper status	IIPInterface	F	T	F	0	T	maj	F	T	T
Juniper Line up trap	Juniper line down trap	Juniper line up trap	ip interface oper status	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper SNMP authentication failure	Juniper snmp authentication failure	Juniper snmp authentication failure	N	IManagedElement	F	T	F	0	F	info	F	T	F
juniper isis database overload trap	Juniperisisdatabaseoverload	Juniperisisdatabaseoverload		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis manual address drops trap	JuniperisisManualAddressDrops	JuniperisisManualAddressDrops		IManagedElement	F	F	F	0	F	minor	T	T	F

Table 10-44 Juniper MX-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper isis corrupted lsp detected trap	JuniperisisCorruptedLSPDetected	JuniperisisCorruptedLSPDetected		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis attempt to exceed maxsequence trap	JuniperisisAttemptToExceedMaxSequence	JuniperisisAttemptToExceedMaxSequence		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis ID Len mismatch trap	JuniperisisIDLenMismatch	JuniperisisIDLenMismatch		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis max area addresses mismatch trap	JuniperisisMaxAreaAddressesMismatch	JuniperisisMaxAreaAddressesMismatch		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis own lsp purge trap	JuniperisisOwnLSPPurge	JuniperisisOwnLSPPurge		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis sequence number skip trap	JuniperisisSequenceNumberSkip	JuniperisisSequenceNumberSkip		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis authentication type failure	JuniperisisAuthenticationTypeFailure	JuniperisisAuthenticationTypeFailure		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis authentication failure	JuniperisisAuthenticationFailure	JuniperisisAuthenticationFailure		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis version skew	JuniperisisVersionSkew	JuniperisisVersionSkew		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis area mismatch	JuniperisisAreaMismatch	JuniperisisAreaMismatch		IManagedElement	F	F	F	0	F	minor	T	T	F

Table 10-44 Juniper MX-Series V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper isis rejected adjacency	JuniperisisRejectedAdjacency	JuniperisisRejectedAdjacency		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis lsp too large	JuniperisisLSPTooLargeToPropagate	JuniperisisLSPTooLargeToPropagate		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis orig lsp buffer size mismatch	JuniperisisOrigLSPBufferSizeMismatch	JuniperisisOrigLSPBufferSizeMismatch		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis protocols supported mismatch	JuniperisisProtocolsSupportedMismatch	JuniperisisProtocolsSupportedMismatch		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis adjacency change	JuniperisisAdjacencyChange	JuniperisisAdjacencyChange		IManagedElement	F	F	F	0	F	minor	T	T	F
juniper isis lsp error detected	JuniperisisLSPErrorDetected	JuniperisisLSPErrorDetected		IManagedElement	F	F	F	0	F	minor	T	T	F

Juniper Netscreen V1 Traps Registry Parameters

Table 10-45 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Juniper Netscreen V1 traps shown in Table 10-18.

Table 10-45 Juniper Netscreen V1 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
logfull	hardware-trap	hardware-trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
devicedead	hardware-trap	hardware-trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
genericHWfail	hardware-trap	hardware-trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
cpuhigh	hardware-trap	hardware-trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
lowmemory	hardware-trap	hardware-trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
highavailability	firewall-trap	firewall-trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
dstipsessionlimit	firewall-trap	firewall-trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
nsrp vsd master	nsrp-trap	nsrp-vs-d-master	N	IManagedElement	F	F	F	0	F	min	T	T	F
nsrp vsd backup	nsrp-trap	nsrp-vs-d-backup	N	IManagedElement	F	F	F	0	F	min	T	T	F
nsrp rto up	nsrp-trap	nsrp-rto-up	N	IManagedElement	F	F	F	0	F	min	T	T	F
nsrp rto down	nsrp-trap	nsrp-rto-down	N	IManagedElement	F	F	F	0	F	min	T	T	F
Juniper OSPF virtual interface state changed to Down	juniper ospf virtual if state down	juniper ospf virtual if state down	N	IManagedElement	F	T	T	0	F	min	F	T	T
Juniper OSPF neighbor state down	juniper ospf neighbor state down	juniper ospf neighbor state down	N	IIPInterface	T	T	T	0	F	maj	F	T	T

Table 10-45 Juniper Netscreen V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF neighbor state up	juniper ospf neighbor state down	juniper ospf neighbor state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF virtual neighbor state down	juniper ospf-virtual-neighbor-state-change-down	juniper ospf-virtual-neighbor-state-down	N	IOspfEntry	T	T	T	0	F	min	T	T	T
Juniper OSPF virtual neighbor state up	juniper ospf-virtual-neighbor-state-change-down	juniper ospf-virtual-neighbor-state-up	N	IOspfEntry	F	F	F	0	F	clr	F	T	T
Juniper OSPF interface configuration error	juniper ospf-if-config-err	juniper ospf-if-config-err	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface configuration error	juniper ospf-virtual-if-config-err	juniper ospf-virtual-if-config-err	N	IManagedElement	F	T	F	0	F	min	F	T	F
Juniper OSPF interface authentication failure	juniper ospf-if-authentic-fail	juniper ospf-if-authentic-fail	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface authentication failure	juniper ospf-virtual-if-authentic-fail	juniper ospf-virtual-if-authentic-fail	N	IManagedElement	F	T	F	0	F	wrn	T	T	F
Juniper OSPF bad packet received	juniper ospf-if-bad-packet	juniper ospf-if-bad-packet	N	IIPInterface	F	T	F	0	T	min	F	T	F
Juniper OSPF bad packet received on virtual interface	juniper ospf-virtual-if-bad-packet	juniper ospf-virtual-if-bad-packet	N	IManagedElement	F	T	F	0	T	min	F	T	F

Table 10-45 Juniper Netscreen V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF packet retransmitted	juniper ospf-if-packet-retransmit	juniper ospf-if-packet-retransmit	N	IIPInterface	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted on virtual interface	juniper ospf-virtual-if-packet-retransmit	juniper ospf-virtual-if-packet-retransmit	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF new LSA originated	juniper ospf-new-lsa-originated	juniper ospf-new-lsa-originated	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF LSA aged to MaxAge	juniper ospf-lsa-reached-maxage	juniper ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper OSPF interface state changed to Down	juniper ospf-if-state-down	juniper ospf-if-state-down	N	IIPInterface	F	T	T	0	F	info	F	T	T
Juniper OSPF interface state changed to Up	juniper ospf-if-state-up	juniper ospf-if-state-up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper BGP established trap	juniper bgp trap	juniper bgp established trap	bgp-process-state, bgp neighbours	IMpBgp	F	F	F	0	T	clr	F	T	T
Juniper BGP down trap	juniper bgp trap	juniper bgp down trap	bgp-process-state, bgp neighbours	IMpBgp	F	T	T	0	T	maj	F	T	T
Juniper new root trap	juniper new root trap	juniper new root trap	N	IManagedElement	F	F	F	0	F	info	F	T	F

Table 10-45 Juniper Netscreen V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper Spanning Tree Topology Changed	juniper-Spanning-Tree-Topology-Change-Trap	juniper-Spanning-Tree-Topology-Change	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Entity table configuration changed	juniper Entity table configuration changed	juniper Entity table configuration changed	N	IManagedElement	F	F	T	0	F	info	F	T	F

Juniper Netscreen V2 Traps Registry Parameters

Table 10-46 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Juniper Netscreen V2 traps shown in Table 10-19.

Table 10-46 Juniper Netscreen V2 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
logfull	hardware-trap	hardware-trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
devicedead	hardware-trap	hardware-trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
genericHWfail	hardware-trap	hardware-trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
cpuhigh	hardware-trap	hardware-trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
lowmemory	hardware-trap	hardware-trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
highavailability	firewall-trap	firewall-trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
dstipsessionlimit	firewall-trap	firewall-trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
nsrp vsd master	nsrp-trap	nsrp-vsd-master	N	IManagedElement	F	F	F	0	F	min	T	T	F
nsrp vsd backup	nsrp-trap	nsrp-vsd-backup	N	IManagedElement	F	F	F	0	F	min	T	T	F
nsrp rto up	nsrp-trap	nsrp-rto-up	N	IManagedElement	F	F	F	0	F	min	T	T	F
nsrp rto down	nsrp-trap	nsrp-rto-down	N	IManagedElement	F	F	F	0	F	min	T	T	F
Juniper OSPF interface state changed to Down	juniper ospf if state down	juniper ospf if state down	N	IIPInterface	F	T	T	0	F	info	F	T	T
Juniper OSPF interface state changed to Up	juniper ospf if state down	juniper ospf if state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF virtual interface state changed to Down	juniper ospf virtual if state down	juniper ospf virtual if state down	N	IManagedElement	F	T	T	0	F	min	F	T	T

Table 10-46 Juniper Netscreen V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF neighbor state down	juniper ospf neighbor state down	juniper ospf neighbor state down	N	IIPInterface	T	T	T	0	F	maj	F	T	T
Juniper OSPF neighbor state up	juniper ospf neighbor state down	juniper ospf neighbor state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF virtual neighbor state down	juniper-ospf-virtual-neighbor-state-changed	juniper-ospf-virtual-neighbor-state-down	N	IOspfEntry	T	T	T	0	F	min	T	T	T
Juniper OSPF virtual neighbor state up	juniper-ospf-virtual-neighbor-state-changed	juniper-ospf-virtual-neighbor-state-up	N	IOspfEntry	F	F	F	0	F	clr	F	T	T
Juniper OSPF interface configuration error	juniper-ospf-if-config-err	juniper-ospf-if-config-err	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface configuration error	juniper-ospf-virtual-if-config-err	juniper-ospf-virtual-if-config-err	N	IManagedElement	F	T	F	0	F	min	F	T	F
Juniper OSPF interface authentication failure	juniper-ospf-if-authentic-fail	juniper-ospf-if-authentic-fail	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface authentication failure	juniper-ospf-virtual-if-authentic-fail	juniper-ospf-virtual-if-authentic-fail	N	IManagedElement	F	T	F	0	F	wrn	T	T	F
Juniper OSPF bad packet received	juniper-ospf-if-bad-packet	juniper-ospf-if-bad-packet	N	IIPInterface	F	T	F	0	T	min	F	T	F

Table 10-46 Juniper Netscreen V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF bad packet received on virtual interface	juniper-ospf-virtual-if-bad-packet	juniper-ospf-virtual-if-bad-packet	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted	juniper-ospf-if-packet-retransmit	juniper-ospf-if-packet-retransmit	N	IInterface	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted on virtual interface	juniper-ospf-virtual-if-packet-retransmit	juniper-ospf-virtual-if-packet-retransmit	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF new LSA originated	juniper-ospf-new-lsa-originated	juniper-ospf-new-lsa-originated	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF LSA aged to MaxAge	juniper-ospf-lsa-reached-maxage	juniper-ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper BGP down trap	juniper bgp trap	juniper bgp down trap	N	IBgpNeighborEntry	F	T	T	0	T	maj	F	T	T
Juniper BGP established trap	juniper bgp trap	juniper bgp established trap	N	IBgpNeighborEntry	F	F	F	0	T	clr	F	T	T
Juniper new root trap	juniper new root trap	juniper new root trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Spanning Tree Topology Changed	juniper-Spanning-Tree-Topology-Change-Trap	juniper-Spanning-Tree-Topology-Change	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Entity table configuration changed	juniper Entity table configuration changed	juniper Entity table configuration changed	N	IManagedElement	F	F	T	0	F	info	F	T	F

Table 10-46 Juniper Netscreen V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper Cold start trap	juniper cold start trap	juniper cold start trap	N	IManagedElement	F	F	T	190000	F	info	T	T	F
Juniper Warm start trap	juniper warm start trap	juniper warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
Juniper Line down trap	juniper line down trap	juniper line down trap	ip interface oper status	IIPInterface	F	T	F	0	T	maj	F	T	T
Juniper Line up trap	juniper line down trap	juniper line up trap	ip interface oper status	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper SNMP authentication failure	juniper snmp authentication failure	juniper snmp authentication failure	N	IManagedElement	F	T	F	0	F	info	F	T	F

Juniper T-Series V1 Traps Registry Parameters

Juniper T-Series V1 traps registry parameters supported in Cisco ANA is the same as the Juniper M-Series V1 traps registry parameters. For more details on the Juniper M-Series V1 traps registry parameters see [Table 10-41](#).

Juniper T-Series V2 Traps Registry Parameters

Juniper T-Series V2 traps registry parameters supported in Cisco ANA is the same as the Juniper M-Series V2 traps registry parameters. For more details on the Juniper M-Series V2 traps registry parameters see [Table 10-42](#).

Juniper JCS-Series V1 Traps Registry Parameters

Table 10-49 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the JCS-series V1 traps shown in Table 10-20.

Table 10-47 JCS V1 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF virtual interface state changed to Down	Juniper ospf virtual if state down	Juniper ospf virtual if state down	N	IManagedElement	F	T	T	0	F	min	F	T	T
Juniper OSPF neighbor state down	Juniper ospf neighbor state down	Juniper ospf neighbor state down	N	IIPInterface	T	T	T	0	F	maj	F	T	T
Juniper OSPF neighbor state up	Juniper ospf neighbor state down	Juniper ospf neighbor state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF virtual neighbor state down	Juniper-ospf-virtual-neighbor-state-changed	Juniper-ospf-virtual-neighbor-state-down	N	IOspfEntry	T	T	T	0	F	min	T	T	T
Juniper OSPF virtual neighbor state up	Juniper-ospf-virtual-neighbor-state-changed	Juniper-ospf-virtual-neighbor-state-up	N	IOspfEntry	F	F	F	0	F	clr	F	T	T
Juniper OSPF interface configuration error	Juniper-ospf-if-config-err	Juniper-ospf-if-config-err	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface configuration error	Juniper-ospf-virtual-if-config-err	Juniper-ospf-virtual-if-config-err	N	IManagedElement	F	T	F	0	F	min	F	T	F

Table 10-47 JCS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF interface authentication failure	Juniper-ospf-if-authentic-fail	Juniper-ospf-if-authentic-fail	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface authentication failure	Juniper-ospf-if-authentic-fail	Juniper-ospf-if-authentic-fail	N	IManagedElement	F	T	F	0	F	wrn	T	T	F
Juniper OSPF bad packet received	Juniper-ospf-if-bad-packet	Juniper-ospf-if-bad-packet	N	IIPInterface	F	T	F	0	T	min	F	T	F
Juniper OSPF bad packet received on virtual interface	Juniper-ospf-if-bad-packet	Juniper-ospf-if-bad-packet	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted	Juniper-ospf-if-packet-retransmit	Juniper-ospf-if-packet-retransmit	N	IIPInterface	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted on virtual interface	Juniper-ospf-if-packet-retransmit	Juniper-ospf-if-packet-retransmit	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF new LSA originated	Juniper-ospf-new-lsa-originated	Juniper-ospf-new-lsa-originated	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF LSA aged to MaxAge	Juniper-ospf-lsa-reached-maxage	Juniper-ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper OSPF interface state changed to Down	Juniper-ospf-if-state-down	Juniper-ospf-if-state-down	N	IIPInterface	F	T	T	0	F	info	F	T	T
Juniper OSPF interface state changed to Up	Juniper-ospf-if-state-up	Juniper-ospf-if-state-up	N	IIPInterface	F	F	F	0	F	clr	F	T	T

Table 10-47 JCS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper BGP established trap	Juniper bgp trap	Juniper bgp established trap	bgp-process-state, bgp neighbours	IMpBgp	F	F	F	0	T	clr	F	T	T
Juniper BGP down trap	Juniper bgp trap	Juniper bgp down trap	bgp-process-state, bgp neighbours	IMpBgp	F	T	T	0	T	maj	F	T	T
Juniper new root trap	Juniper new root trap	Juniper new root trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Spanning Tree Topology Changed	Juniper-Spanning-Tree-Topology-Change-Trap	Juniper-Spanning-Tree-Topology-Change	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Entity table configuration changed	Juniper Entity table configuration changed	Juniper Entity table configuration changed	N	IManagedElement	F	F	T	0	F	info	F	T	F
juniper mpls Lsp Up trap	juniper mpls Lsp Down	juniper mpls Lsp Up	label switching table, mpls-ldp-peers	ILse	F	F	F	0	F	clr	F	T	F
juniper mpls Lsp Down trap	juniper mpls Lsp Down	juniper mpls Lsp Down	label switching table, mpls-ldp-peers	ILse	F	T	F	0	T	maj	F	T	F
juniper mpls Lsp Change trap	juniper mpls Lsp Down	juniper mpls Lsp Change	label switching table, mpls-ldp-peers	ILse	F	F	F	0	T	maj	F	T	F
juniper mpls lsp path down trap	juniper mpls lsp path down	juniper mpls lsp path down	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper mpls lsp path up trap	juniper mpls lsp path down	juniper mpls lsp path up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper aps event switch over trap	juniper aps event switch over	juniper aps event switch over	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-47 JCS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper aps event mode mismatch trap	juniper aps event switch over	juniper aps event mode mismatch	N	IManagedElement	F	F	F	0	F	maj	F	T	F
juniper aps event channel mismatch trap	juniper aps event switch over	juniper aps event channel mismatch	N	IManagedElement	F	F	F	0	F	maj	F	T	F
juniper aps event psbf trap	juniper aps event switch over	juniper aps event psbf	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper aps event feplf trap	juniper aps event switch over	juniper aps event feplf	N	IManagedElement	F	F	F	0	T	maj	F	T	F
Juniper VPN Interface Up	juniper vpn if down	juniper vpn if up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
Juniper VPN Interface Down	juniper vpn if down	juniper vpn if down	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper vpn power up trap	juniper vpn if down	juniper vpn power up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper vpn power down trap	juniper vpn if down	juniper vpn power down	N	IManagedElement	F	F	F	0	F	info	F	T	F
juniper power supply failure Trap	juniper fru power off	juniper power supply failure	physical command	IModule	F	F	F	0	F	min	T	T	F
juniper fan failure Trap	juniper fru power off	juniper fan failure	physical command	IModule	F	F	F	0	F	info	T	T	F
juniper over temperature Trap	juniper fru power off	juniper over temperature	physical command	IModule	F	F	F	0	F	info	T	T	F

Table 10-47 JCS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper redundancy switch over Trap	juniper fru power off	juniper redundancy switch over	physical command	IModule	F	F	F	0	F	info	T	T	F
Card Out trap	card out trap	card out trap	physical command	IModule	F	T	F	0	T	maj	F	T	T
Card In trap	card out trap	card in trap	physical command	IModule	F	F	F	0	F	clr	F	T	T
Card Down Trap	juniper fru power off	juniper fru power off	physical command	IModule	F	F	F	0	F	maj	T	T	F
Card Up Trap	juniper fru power off	juniper fru power on	physical command	IModule	F	F	F	0	F	clr	F	T	F
juniper fru failed Trap	juniper fru power off	juniper fru failed	physical command	IModule	F	F	F	0	F	maj	T	T	F
juniper fru offline Trap	juniper fru power off	juniper fru offline	physical command	IModule	F	F	F	0	T	maj	F	T	F
juniper fru online Trap	juniper fru power off	juniper fru online	physical command	IModule	F	F	F	0	F	clr	F	T	F
juniper fru check Trap	juniper fru power off	juniper fru check	physical command	IModule	F	F	F	0	T	min	F	T	F
juniper Sp svc set zone entered trap	juniper Sp svc set zone entered	juniper Sp svc set zone entered	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set zone exited trap	juniper Sp svc set zone entered	juniper Sp svc set zone exited	N	IManagedElement	F	F	F	0	F	maj	T	T	F

Table 10-47 JCS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper Sp svc set cpu exceeded trap	juniper Sp svc set zone entered	juniper Sp svc set cpu exceeded	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set cpu ok trap	juniper Sp svc set zone entered	juniper Sp svc set cpu ok	N	IManagedElement	F	F	F	0	F	clr	T	T	F
juniper dfc soft pps threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc soft pps threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft pps under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc soft pps under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard pps threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc hard pps threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard pps under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc hard pps under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft mem threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc soft mem threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft mem under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc soft mem under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-47 JCS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper dfc hard mem threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc hard mem threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard mem under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc hard mem under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper power supply ok trap	juniper power supply ok	juniper power supply ok	physical command	IModule	F	T	F	0	F	info	F	T	F
juniper fan ok trap	juniper power supply ok	juniper fan ok	physical command	IModule	F	F	F	0	F	info	F	T	F
juniper temperature ok trap	juniper power supply ok	juniper temperature ok	physical command	IModule	F	F	F	0	F	info	F	T	F
juniper Rmon alarm get failure trap	juniper Rmon alarm get failure	juniper Rmon alarm get failure	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper Rmon get ok trap	juniper Rmon alarm get failure	juniper Rmon get ok	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper Ldp Lsp Up trap	juniper Ldp Lsp Down	juniper Ldp Lsp Up	label switching table, mpls-ldp-peers	ILse	F	F	F	0	F	clr	F	T	F
juniper Ldp Lsp Down trap	juniper Ldp Lsp Down	juniper Ldp Lsp Down	label switching table, mpls-ldp-peers	ILse	T	T	F	0	T	maj	F	T	F
juniper ldp session up trap	juniper ldp notificati on	juniper ldp session up	N	IManagedElement	F	F	F	0	F	clr	F	T	F

Table 10-47 JCS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper ldp session down trap	juniper ldp notification	juniper ldp session down	N	IManagedElement	F	T	F	0	T	maj	F	T	F
juniper Cm cfg change trap	juniper Cm cfg change	juniper Cm cfg change	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper Cm rescue change trap	juniper Cm cfg change	juniper Cm rescue change	N	IManagedElement	F	F	F	0	F	info	F	T	F
juniper sonet alarm set trap	juniper sonet alarm set	juniper sonet alarm set	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper sonet alarm cleared trap	juniper sonet alarm set	juniper sonet alarm cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper PMon overload set trap	juniper PMon overload set	juniper PMon overload set	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper PMon overload cleared trap	juniper PMon overload set	juniper PMon overload cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll unavailable dest trap	juniper coll unavailable dest	juniper coll unavailable dest	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll unavailable dest cleared trap	juniper coll unavailable dest	juniper coll unavailable dest cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll unsuccessful transfer trap	juniper coll unavailable dest	juniper coll unsuccessful transfer	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll flow overload trap	juniper coll unavailable dest	juniper coll flow overload	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-47 JCS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper coll flow overload cleared trap	juniper coll unavailable dest	juniper coll flow overload cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll memory unavailable trap	juniper coll unavailable dest	juniper coll memory unavailable	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll memory available trap	juniper coll unavailable dest	juniper coll memory available	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll ftp switch over trap	juniper coll unavailable dest	juniper coll ftp switch over	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-47 JCS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper ping ingress threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper bgp M2 established trap	juniper bgp M2 established	juniper bgp M2 established	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper bgp M2 backward transition trap	juniper bgp M2 established	juniper bgp M2 backward transition	N	IManagedElement	F	F	F	0	T	maj	F	T	F
Juniper Cold start trap	Juniper cold start trap	Juniper cold start trap	N	IManagedElement	F	F	T	190000	F	info	T	T	F
Juniper Warm start trap	Juniper warm start trap	Juniper warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
Juniper Line down trap	Juniper line down trap	Juniper line down trap	ip interface oper status	IIPInterface	F	T	F	0	T	maj	F	T	T
Juniper Line up trap	Juniper line down trap	Juniper line up trap	ip interface oper status	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper SNMP authentication failure	Juniper snmp authentication failure	Juniper snmp authentication failure	N	IManagedElement	F	T	F	0	F	info	F	T	F

Table 10-47 JCS V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF Isdb approaching overflow trap	Juniper Ospf Isdb trap	Juniper Ospf Isdb trap	N	IManagedElement	F	T	F	0	F	min	F	T	F
Juniper OSPF Isdb approaching overflow trap	Juniper Ospf Isdb trap	Juniper Ospf Isdb trap	N	IManagedElement	F	T	F	0	F	min	F	T	F
Juniper TCP connection table trap	Juniper tcp connection table trap	Juniper tcp connection table trap	N	IManagedElement	F	T	F	0	F	info	F	T	F

Juniper JCS-Series V2 Traps Registry Parameters

Table 10-48 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the JCS-series V1 traps shown in Table 10-21.

Table 10-48 JCS V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF interface state changed to Down	Juniper ospf if state down	Juniper ospf if state down	N	IIPInterface	F	T	T	0	F	info	F	T	T
Juniper OSPF interface state changed to Up	Juniper ospf if state down	Juniper ospf if state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF virtual interface state changed to Down	Juniper ospf virtual if state down	Juniper ospf virtual if state down	N	IManagedElement	F	T	T	0	F	min	F	T	T

Table 10-48 JCS V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF neighbor state down	Juniper ospf neighbor state down	Juniper ospf neighbor state down	N	IIPInterface	T	T	T	0	F	maj	F	T	T
Juniper OSPF neighbor state up	Juniper ospf neighbor state down	Juniper ospf neighbor state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF virtual neighbor state down	Juniper-ospf-virtual-neighbor-state-changed	Juniper-ospf-virtual-neighbor-state-down	N	IOspfEntry	T	T	T	0	F	min	T	T	T
Juniper OSPF virtual neighbor state up	Juniper-ospf-virtual-neighbor-state-changed	Juniper-ospf-virtual-neighbor-state-up	N	IOspfEntry	F	F	F	0	F	clr	F	T	T
Juniper OSPF interface configuration error	Juniper-ospf-if-config-err	Juniper-ospf-if-config-err	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface configuration error	Juniper-ospf-virtual-if-config-err	Juniper-ospf-virtual-if-config-err	N	IManagedElement	F	T	F	0	F	min	F	T	F
Juniper OSPF interface authentication failure	Juniper-ospf-if-authentic-fail	Juniper-ospf-if-authentic-fail	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
Juniper OSPF virtual interface authentication failure	Juniper-ospf-virtual-if-authentic-fail	Juniper-ospf-virtual-if-authentic-fail	N	IManagedElement	F	T	F	0	F	wrn	T	T	F
Juniper OSPF bad packet received	Juniper-ospf-if-bad-packet	Juniper-ospf-if-bad-packet	N	IIPInterface	F	T	F	0	T	min	F	T	F

Table 10-48 JCS V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF bad packet received on virtual interface	Juniper-ospf-virtual-if-bad-packet	Juniper-ospf-virtual-if-bad-packet	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted	Juniper-ospf-if-packet-retransmit	Juniper-ospf-if-packet-retransmit	N	IInterface	F	T	F	0	T	min	F	T	F
Juniper OSPF packet retransmitted on virtual interface	Juniper-ospf-virtual-if-packet-retransmit	Juniper-ospf-virtual-if-packet-retransmit	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF new LSA originated	Juniper-ospf-new-lsa-originated	Juniper-ospf-new-lsa-originated	N	IManagedElement	F	T	F	0	T	min	F	T	F
Juniper OSPF LSA aged to MaxAge	Juniper-ospf-lsa-reached-maxage	Juniper-ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper BGP established trap	Juniper bgp trap	Juniper bgp established trap	N	IBgpNeighborEntry	F	T	T	0	T	maj	F	T	T
Juniper BGP down trap	Juniper bgp trap	Juniper bgp down trap	N	IBgpNeighborEntry	F	F	F	0	T	clr	F	T	T
Juniper new root trap	Juniper new root trap	Juniper new root trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Spanning Tree Topology Changed	Juniper-Spanning-Tree-Topology-Change-Trap	Juniper-Spanning-Tree-Topology-Change	N	IManagedElement	F	F	F	0	F	info	F	T	F
Juniper Entity table configuration changed	Juniper Entity table configuration changed	Juniper Entity table configuration changed	N	IManagedElement	F	F	T	0	F	info	F	T	F

Table 10-48 JCS V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper mpls Lsp Up trap	juniper mpls Lsp Down	juniper mpls Lsp Up	label switching table, mpls-ldp-peers	ILse	F	F	F	0	F	clr	F	T	F
juniper mpls Lsp Down trap	juniper mpls Lsp Down	juniper mpls Lsp Down	label switching table, mpls-ldp-peers	ILse	F	T	F	0	T	maj	F	T	F
juniper mpls Lsp Change trap	juniper mpls Lsp Down	juniper mpls Lsp Change	label switching table, mpls-ldp-peers	ILse	F	F	F	0	T	maj	F	T	F
juniper mpls lsp path down trap	juniper mpls lsp path down	juniper mpls lsp path down	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper mpls lsp path up trap	juniper mpls lsp path down	juniper mpls lsp path up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper aps event switch over trap	juniper aps event switch over	juniper aps event switch over	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper aps event mode mismatch trap	juniper aps event switch over	juniper aps event mode mismatch	N	IManagedElement	F	F	F	0	F	maj	F	T	F
juniper aps event channel mismatch trap	juniper aps event switch over	juniper aps event channel mismatch	N	IManagedElement	F	F	F	0	F	maj	F	T	F
juniper aps event psbf trap	juniper aps event switch over	juniper aps event psbf	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper aps event feplf trap	juniper aps event switch over	juniper aps event feplf	N	IManagedElement	F	F	F	0	T	maj	F	T	F
Juniper VPN Interface Up	juniper vpn if down	juniper vpn if up	N	IManagedElement	F	F	F	0	F	clr	F	T	F

Table 10-48 JCS V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper VPN Interface Down	juniper vpn if down	juniper vpn if down	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper vpn power up trap	juniper vpn if down	juniper vpn power up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper vpn power down trap	juniper vpn if down	juniper vpn power down	N	IManagedElement	F	F	F	0	F	info	F	T	F
juniper power supply failure Trap	juniper fru power off	juniper power supply failure	physical command	IModule	F	F	F	0	F	min	T	T	F
juniper fru offline Trap	juniper fru power off	juniper fru offline	physical command	IModule	F	F	F	0	T	maj	F	T	F
juniper fru online Trap	juniper fru power off	juniper fru online	physical command	IModule	F	F	F	0	F	clr	F	T	F
juniper fru check Trap	juniper fru power off	juniper fru check	physical command	IModule	F	F	F	0	T	min	F	T	F
juniper fan failure Trap	juniper fru power off	juniper fan failure	physical command	IModule	F	F	F	0	F	info	T	T	F
juniper over temperature Trap	juniper fru power off	juniper over temperature	physical command	IModule	F	F	F	0	F	info	T	T	F
juniper redundancy switch over Trap	juniper fru power off	juniper redundancy switch over	physical command	IModule	F	F	F	0	F	info	T	T	F
juniper fru removal Trap	juniper fru power off	juniper fru removal	physical command	IModule	F	F	F	0	T	maj	F	T	F

Table 10-48 JCS V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper fru insertion Trap	juniper fru power off	juniper fru insertion	physical command	IModule	F	F	F	0	F	clr	F	T	F
Card Down Trap	juniper fru power off	juniper fru power off	physical command	IModule	F	F	F	0	F	maj	T	T	F
Card Up Trap	juniper fru power off	juniper fru power on	physical command	IModule	F	F	F	0	F	clr	F	T	F
juniper fru failed Trap	juniper fru power off	juniper fru failed	physical command	IModule	F	F	F	0	F	maj	T	T	F
juniper Sp svc set zone entered trap	juniper Sp svc set zone entered	juniper Sp svc set zone entered	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set zone exited trap	juniper Sp svc set zone entered	juniper Sp svc set zone exited	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set cpu exceeded trap	juniper Sp svc set zone entered	juniper Sp svc set cpu exceeded	N	IManagedElement	F	F	F	0	F	maj	T	T	F
juniper Sp svc set cpu ok trap	juniper Sp svc set zone entered	juniper Sp svc set cpu ok	N	IManagedElement	F	F	F	0	F	clr	T	T	F
juniper dfc soft pps threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc soft pps threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft pps under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc soft pps under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-48 JCS V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper dfc hard pps threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc hard pps threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard pps under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc hard pps under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft mem threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc soft mem threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc soft mem under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc soft mem under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard mem threshold exceeded trap	juniper dfc soft pps threshold exceeded	juniper dfc hard mem threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper dfc hard mem under threshold trap	juniper dfc soft pps threshold exceeded	juniper dfc hard mem under threshold	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper power supply ok trap	juniper power supply ok	juniper power supply ok	physical command	IModule	F	T	F	0	F	info	F	T	F
juniper fan ok trap	juniper power supply ok	juniper fan ok	physical command	IModule	F	F	F	0	F	info	F	T	F
juniper temperature ok trap	juniper power supply ok	juniper temperature ok	physical command	IModule	F	F	F	0	F	info	F	T	F

Table 10-48 JCS V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper Rmon alarm get failure trap	juniper Rmon alarm get failure	juniper Rmon alarm get failure	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper Rmon get ok trap	juniper Rmon alarm get failure	juniper Rmon get ok	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper Ldp Lsp Up trap	juniper Ldp Lsp Down	juniper Ldp Lsp Up	label switching table, mpls-ldp-peers	ILse	F	F	F	0	F	clr	F	T	F
juniper Ldp Lsp Down trap	juniper Ldp Lsp Down	juniper Ldp Lsp Down	label switching table, mpls-ldp-peers	ILse	T	T	F	0	T	maj	F	T	F
juniper ldp session up trap	juniper ldp notification	juniper ldp session up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper ldp session down trap	juniper ldp notification	juniper ldp session down	N	IManagedElement	F	T	F	0	T	maj	F	T	F
juniper Cm cfg change trap	juniper Cm cfg change	juniper Cm cfg change	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper Cm rescue change trap	juniper Cm cfg change	juniper Cm rescue change	N	IManagedElement	F	F	F	0	F	info	F	T	F
juniper sonet alarm set trap	juniper sonet alarm set	juniper sonet alarm set	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper sonet alarm cleared trap	juniper sonet alarm set	juniper sonet alarm cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper PMon overload set trap	juniper PMon overload set	juniper PMon overload set	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-48 JCS V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper PMon overload cleared trap	juniper PMon overload set	juniper PMon overload cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll unavailable dest trap	juniper coll unavailable dest	juniper coll unavailable dest	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll unavailable dest cleared trap	juniper coll unavailable dest	juniper coll unavailable dest cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll unsuccessful transfer trap	juniper coll unavailable dest	juniper coll unsuccessful transfer	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll flow overload trap	juniper coll unavailable dest	juniper coll flow overload	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll flow overload cleared trap	juniper coll unavailable dest	juniper coll flow overload cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll memory unavailable trap	juniper coll unavailable dest	juniper coll memory unavailable	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper coll memory available trap	juniper coll unavailable dest	juniper coll memory available	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper coll ftp switch over trap	juniper coll unavailable dest	juniper coll ftp switch over	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-48 JCS V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
juniper ping rtt std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping rtt jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping rtt jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping egress jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping egress jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress std dev threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress std dev threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper ping ingress jitter threshold exceeded trap	juniper ping rtt threshold exceeded	juniper ping ingress jitter threshold exceeded	N	IManagedElement	F	F	F	0	T	maj	F	T	F
juniper bgp M2 established trap	juniper bgp M2 established	juniper bgp M2 established	N	IManagedElement	F	F	F	0	F	clr	F	T	F
juniper bgp M2 backward transition trap	juniper bgp M2 established	juniper bgp M2 backward transition	N	IManagedElement	F	F	F	0	T	maj	F	T	F

Table 10-48 JCS V2 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper Cold start trap	Juniper cold start trap	Juniper cold start trap	N	IManagedElement	F	F	T	190000	F	info	T	T	F
Juniper Warm start trap	Juniper warm start trap	Juniper warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F
Juniper Line down trap	Juniper line down trap	Juniper line down trap	ip interface oper status	IIPInterface	F	T	F	0	T	maj	F	T	T
Juniper Line up trap	Juniper line down trap	Juniper line up trap	ip interface oper status	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper SNMP authentication failure	Juniper snmp authentication failure	Juniper snmp authentication failure	N	IManagedElement	F	T	F	0	F	info	F	T	F
Juniper OSPF lsdb approaching overflow trap	Juniper Ospf lsdb trap	Juniper Ospf lsdb trap	N	IManagedElement	F	T	F	0	F	min	F	T	F
Juniper OSPF lsdb approaching overflow trap	Juniper Ospf lsdb trap	Juniper Ospf lsdb trap	N	IManagedElement	F	T	F	0	F	min	F	T	F
Juniper TCP connection table trap	Juniper tcp connection table trap	Juniper tcp connection table trap	N	IManagedElement	F	T	F	0	F	info	F	T	F

RAD ACE V1 Traps Registry Parameters

Table 10-49 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the RAD ACE V1 traps shown in Table 10-22.

Table 10-49 RAD ACE V1 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
rad Cold start trap	rad cold start trap	rad cold start trap	N	IManagedElement	F	F	T	2E+05	F	info	T	T	F
rad link down trap	rad-link-down-v1	rad-link-down-v1	N	IPhysicalLayer	F	T	T	0	F	maj	T	T	T
rad link up trap	rad-link-down-v1	rad-link-up-v1	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	T
Agent status normal	agent-Status-ChangeTrap	agent-Status-ChangeTrap-Cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
Agent status change trap minor	agent-Status-ChangeTrap	agent-Status-ChangeTrap-Minor	N	IManagedElement	F	F	F	0	F	min	T	T	F
Agent status change trap major	agent-Status-ChangeTrap	agent-Status-ChangeTrap-Major	N	IManagedElement	F	F	F	0	F	maj	T	T	F
tftp Status Change Trap	tftp-Status-ChangeTrap	tftp-Status-ChangeTrap	N	IManagedElement	F	F	F	0	F	info	T	T	F
rad authentication failure v1	rad-authentication-failure-v1	rad-authentication-failure-v1	N	IManagedElement	F	F	F	0	F	min	T	T	F
agent Fan Failure Trap On	agent FanFailure Trap	agent FanFailure Trap failure	N	IModule	F	F	F	0	F	maj	T	T	F
agent Fan Failure Trap Off	agent FanFailure Trap	agent FanFailure Trap recovery	N	IModule	F	F	F	0	F	clr	F	T	F
license update trap	license update trap	license update trap	N	IManagedElement	F	F	F	0	F	info	T	T	F

Table 10-49 RAD ACE V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
agent clksrc state change trap	agent ClkSrcStateChangeTrap	agent ClkSrcStateChangeTrap	N	IManagedElement	F	F	F	0	F	info	T	T	F
agent ClkSrc Frequency AlarmTrap On	agent-ClkSrc-Frequency-AlarmTrap	agent-ClkSrc-Frequency-AlarmTrap-On	N	IManagedElement	F	F	F	0	F	maj	T	T	F
agent ClkSrc Frequency AlarmTrap Off	agent-ClkSrc-Frequency-AlarmTrap	agent-ClkSrc-Frequency-AlarmTrap-Off	N	IManagedElement	F	F	F	0	F	clr	F	T	F
agent upload data trap	agent upload data trap	agent upload data trap	N	IManagedElement	F	F	F	0	F	info	T	T	F
agent self test result failed	agent-SelfTest-Result-ChangeTrap	SelfTest-Result-Failed	N	IManagedElement	F	F	F	0	F	maj	T	T	F
agent self test result passed	agent-SelfTest-Result-ChangeTrap	agent-SelfTest-Result-Passed	N	IManagedElement	F	F	F	0	F	clr	F	T	F
prt Status Un-plugged	prt-StatusChange-Trap	prt-StatusChange-Un-plugged	N	IPhysicalLayer	F	F	F	0	F	info	T	T	F
This trap is sent whenever the state of a ethernet port changed to Plugged.	prt-StatusChange-Trap	prt-StatusChange-plugged	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm LOS On	atm-AceAlarm-LOS	atm-AceAlarm-LOS-On	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
atm AceAlarm LOS Off	atm-AceAlarm-LOS	atm-AceAlarm-LOS-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F

Table 10-49 RAD ACE V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
atm AceAlarm LOF On	atm-Ace Alarm-L OF	atm-AceAlarm -LOF-On	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
atm AceAlarm LOF Off	atm-Ace Alarm-L OF	atm-AceAlarm -LOF-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm LCD On	atm-Ace Alarm-L CD	atm-AceAlarm -LCD-On	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
atm AceAlarm LCD Off	atm-Ace Alarm-L CD	atm-AceAlarm -LCD-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm LineAIS On	atm-Ace Alarm-LineAIS	atm-AceAlarm -LineAIS-On	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
atm AceAlarm LineAIS Off	atm-Ace Alarm-LineAIS	atm-AceAlarm -LineAIS-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm LineRDI On	atm-Ace Alarm-LineRDI	atm-AceAlarm -LineRDI-On	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
atm AceAlarm LineRDI Off	atm-Ace Alarm-LineRDI	atm-AceAlarm -LineRDI-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm LineFEBE On	atm-Ace Alarm-LineFEBE	atm-AceAlarm -LineFEBE-On	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
atm AceAlarm LineFEBE Off	atm-Ace Alarm-LineFEBE	atm-AceAlarm -LineFEBE-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm VpAISReception On	atm-Ace Alarm-VpAIS-Reception	atm-AceAlarm -VpAIS-Reception-On	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
atm AceAlarm VpAISReception Off	atm-Ace Alarm-VpAIS-Reception	atm-AceAlarm -VpAIS-Reception-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F

Table 10-49 RAD ACE V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
atm AceAlarm VcAISReception On	atm-AceAlarm-VcAIS-Reception	atm-AceAlarm-VcAIS-Reception-On	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
atm AceAlarm VcAISReception Off	atm-AceAlarm-VcAIS-Reception	atm-AceAlarm-VcAIS-Reception-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm VcAISReception On	atm-AceAlarm-VpRDI-Reception	atm-AceAlarm-VpRDI-Reception-On	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
atm AceAlarm VcAISReception Off	atm-AceAlarm-VpRDI-Reception	atm-AceAlarm-VpRDI-Reception-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm VcRDIReception On	atm-AceAlarm-VcRDI-Reception	atm-AceAlarm-VcRDI-Reception-On	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
atm AceAlarm VcRDIReception Off	atm-AceAlarm-VcRDI-Reception	atm-AceAlarm-VcRDI-Reception-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm VpContinuity Loss On	atm-AceAlarm-VpContinuity-Loss	atm-AceAlarm-VpContinuity-Loss-On	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
atm AceAlarm VpContinuity Loss Off	atm-AceAlarm-VpContinuity-Loss	atm-AceAlarm-VpContinuity-Loss-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm VcContinuity Loss On	atm-AceAlarm-VcContinuity-Loss	atm-AceAlarm-VcContinuity-Loss-On	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
atm AceAlarm VcContinuity Loss Off	atm-AceAlarm-VcContinuity-Loss	atm-AceAlarm-VcContinuity-Loss-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F

Table 10-49 RAD ACE V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
atm AceAlarm VpLoopback On	atm-AceAlarm-VpLoopback	atm-AceAlarm-VpLoopback-On	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
atm AceAlarm VpLoopback Off	atm-AceAlarm-VpLoopback	atm-AceAlarm-VpLoopback-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm VcLoopback On	atm-AceAlarm-VcLoopback	atm-AceAlarm-VcLoopback-On	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
atm AceAlarm VcLoopback Off	atm-AceAlarm-VcLoopback	atm-AceAlarm-VcLoopback-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atmIma GroupStatus ChangeTrap	atmIma-GroupStatus-ChangeTrap	atmIma-GroupStatus-ChangeTrap	N	ILogicalLayer	F	F	F	0	F	min	T	T	F
agent Power Failure	agentPowerFailureTrap	agent-Power-Failure	N	IModule	F	F	F	0	F	maj	T	T	F
agent Power Failure recovery	agentPowerFailureTrap	agent-Power-Failure-recovery	N	IModule	F	F	F	0	F	clr	F	T	F
rad MPLS LDP session up Trap	rad-mpls-LdpSession-Down	rad-mpls-LdpSession-up	N	ILogicalLayer	F	T	F	0	T	clr	F	T	T
rad MPLS LDP session down Trap	rad-mpls-LdpSession-Down	rad-mpls-LdpSession-Down	N	ILogicalLayer	F	T	T	0	T	min	F	T	T
bfd Session Up	bfd-Sess-Down	bfd-Sess-Up	N	IManagedElement	F	F	F	0	F	clr	F	T	F
bfd Session Down	bfd-Sess-Down	bfd-Sess-Down	N	IManagedElement	F	F	F	0	F	min	T	T	F

Table 10-49 RAD ACE V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Pseudo wire tunnel up	pw-Up	pw-Up	N	ILogicalLayer	F	F	F	0	F	clr	F	T	T
Pseudo wire tunnel down	pw-Down	pw-Down	N	ILogicalLayer	F	T	F	0	F	min	T	T	T
adslAturRateChange Trap	adslAtur-RateChange-Trap	adslAtur-RateChange-Trap	N	IPhysicalLayer	F	F	F	0	F	info	T	T	F
atm AceAlarm SLM Off	atm-AceAlarm-SLM	atm-AceAlarm-SLM-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm SLM On	atm-AceAlarm-SLM	atm-AceAlarm-SLM-On	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
atm AceAlarm LOP Off	atm-AceAlarm-LOP	atm-AceAlarm-LOP-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm LOP On	atm-AceAlarm-LOP	atm-AceAlarm-LOP-On	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
atm AceAlarm PathAIS Off	atm-AceAlarm-PathAIS	atm-AceAlarm-PathAIS-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm PathAIS On	atm-AceAlarm-PathAIS	atm-AceAlarm-PathAIS-On	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
atm AceAlarm PathRDI Off	atm-AceAlarm-PathRDI	atm-AceAlarm-PathRDI-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm PathRDI On	atm-AceAlarm-PathRDI	atm-AceAlarm-PathRDI-On	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
atm AceAlarm SectionBIP Off	atm-AceAlarm-SectionBIP	atm-AceAlarm-SectionBIP-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm SectionBIP On	atm-AceAlarm-SectionBIP	atm-AceAlarm-SectionBIP-On	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F

Table 10-49 RAD ACE V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
atm AceAlarm LineBIP Off	atm-AceAlarm-LineBIP	atm-AceAlarm-LineBIP-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm LineBIP On	atm-AceAlarm-LineBIP	atm-AceAlarm-LineBIP-On	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
atm AceAlarm PathBIP Off	atm-AceAlarm-PathBIP	atm-AceAlarm-PathBIP-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm PathBIP On	atm-AceAlarm-PathBIP	atm-AceAlarm-PathBIP-On	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
atm AceAlarm PathFEBE Off	atm-AceAlarm-PathFEBE	atm-AceAlarm-PathFEBE-Off	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
atm AceAlarm PathFEBE On	atm-AceAlarm-PathFEBE	atm-AceAlarm-PathFEBE-On	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
agent Station Clock Failure	agent-StationClk-FailureTrap	agent-StationClk-Failure	N	IManagedElement	F	F	F	0	F	maj	T	T	F
agent Station Clock Failure recovery	agent-StationClk-Failure-recovery	agent-StationClk-Failure-recovery	N	IManagedElement	F	F	F	0	F	clr	F	T	F
agent Current Clock State Change Trap	agent-CurrClkState-ChangeTrap	agent-CurrClkState-ChangeTrap	N	IManagedElement	F	F	F	0	F	info	F	T	F
dot3Oam Oper Status Change Trap	dot3Oam-OperStatusChange-Trap	dot3Oam-OperStatusChange-Trap	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
dot3Oam Peer Event Trap	dot3Oam-PeerEvent-Trap	dot3Oam-PeerEvent-Trap	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
hard Sync Start	hard-Sync-Start	hard-Sync-Start	N	IManagedElement	F	F	F	0	F	info	T	T	F
hard Sync End	hard-Sync-End	hard-Sync-End	N	IManagedElement	F	F	F	0	F	info	F	T	F

RAD ETX 204A V1 Traps Registry Parameters

Table 10-50 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the RAD ETX 204AV1 traps shown in Table 10-24.

Table 10-50 RAD ETX 204A V1 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
rad Cold start trap	rad Cold start trap	rad Cold start trap	N	IManagedElement	F	F	T	190000	F	info	T	T	F
rad link down trap	rad-link-down-v1	rad-link-down-v1	N	IPhysicalLayer	F	T	T	0	F	maj	T	T	T
rad link up trap	rad-link-down-v1	rad-link-up-v1	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	T
Agent status normal	agent-Status-ChangeTrap	agent-Status-ChangeTrap-Cleared	N	IManagedElement	F	F	F	0	F	info	T	T	F
Agent status change trap minor	agent-Status-ChangeTrap	agent-Status-ChangeTrap-Minor	N	IManagedElement	F	F	F	0	F	min	T	T	F
Agent status change trap major	agent-Status-ChangeTrap	agent-Status-ChangeTrap-Major	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
tftp Status Change Trap	tftp-Status-ChangeTrap	tftp-Status-ChangeTrap	N	IManagedElement	F	F	F	0	F	info	T	T	F
rad authentication failure v1	rad-authentication-failure-v1	rad-authentication-failure-v1	N	IManagedElement	F	F	F	0	F	min	T	T	F
prt Status Un-plugged	prt-StatusChange-Trap	prt-StatusChange-Un-plugged	N	IPhysicalLayer	F	F	F	0	F	info	T	T	F
prt Status plugged	prt-StatusChange-Trap	prt-StatusChange-plugged	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F
agent upload data trap	agent upload data trap	agent upload data trap	N	IManagedElement	F	F	F	0	F	info	T	T	F

Table 10-50 RAD ETX 204A V1 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
agent Fan Failure Trap On	agent FanFailure Trap	agent FanFailure Trap failure	N	IModule	F	F	F	0	F	maj	T	T	F
agent Fan Failure Trap Off	agent FanFailure Trap	agent FanFailure Trap recovery	N	IModule	F	F	F	0	F	clr	F	T	F
agent Power Failure	agent PowerFailure Trap	agent-Power-Failure	N	IModule	F	F	F	0	F	maj	T	T	F
agent Power Failure recovery	agent PowerFailure Trap	agent-Power-Failure-recovery	N	IModule	F	F	F	0	F	clr	F	T	F
rad rising Alarm Trap	rad-rising-Alarm-Trap	rad-rising-Alarm-Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
rad falling Alarm Trap	rad-falling-Alarm-Trap	rad-falling-Alarm-Trap	N	IManagedElement	F	F	F	0	F	war	F	T	F
agent Dying Gasp Trap	agn-Dying-Gasp-Trap	agn Dying Gasp Trap	N	IManagedElement	F	F	F	0	F	maj	T	T	F
dot3Oam Oper Status Change Trap	dot3Oam-OperStatusChange-Trap	dot3Oam-OperStatusChange-Trap	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
dot3Oam Peer Event Trap	dot3Oam-PeerEvent-Trap	dot3Oam-PeerEvent-Trap	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
agn Temp Threshold Trap	agn-Temp-Threshold-Trap	agn Temp Threshold Trap	N	IManagedElement	F	F	F	0	F	info	T	T	F
csm Domain State Change Trap	csm-DomainStateChange-Trap	csm-DomainStateChange-Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F

Table 10-50 RAD ETX 204A V1 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
csn Domain Station State Change Trap locked	csn-DomainStationStateChange-Trap	csn-DomainStationStateChange-Trap-locked	N	IManagedElement	F	F	F	0	F	info	T	T	F
csn Domain Station State Change Trap unlocked	csn-DomainStationStateChange-Trap	csn-DomainStationStateChange-Trap-unlocked	N	IManagedElement	F	F	F	0	F	info	F	T	F
csn Source Status Change Trap	csn-SourceStatusChange-Trap	csn-SourceStatusChange-Trap	N	IManagedElement	F	F	F	0	F	info	T	T	F
eth OamCfm Defect Condition Trap	eth-OamCfm-Defect-Condition-Trap	eth OamCfm Defect Condition Trap	N	IPhysicalLayer	F	F	F	0	F	info	T	T	F
successful Login Trap	successful-Login-Trap	successful Login Trap	N	IManagedElement	F	F	F	0	F	info	T	T	F
failed Login Trap	failed-Login-Trap	failed Login Trap	N	IManagedElement	F	F	F	0	F	info	T	T	F

RAD IPmux-4L V1 Traps Registry Parameters

Table 10-51 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the RAD IPmux-4L V1 traps shown in Table 10-24.

Table 10-51 RAD IPmux-4L V1 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
rad Cold start trap	rad Cold start trap	rad Cold start trap	N	IManagedElement	F	F	T	190000	F	info	T	T	F
rad link down trap	rad-link-down-v1	rad-link-down-v1	N	IPhysicalLayer	F	T	T	0	F	maj	T	T	T
rad link up trap	rad-link-down-v1	rad-link-up-v1	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	T
tftp Status Change Trap	tftp-Status-ChangeTrap	tftp-Status-ChangeTrap	N	IManagedElement	F	F	F	0	F	info	T	T	F
rad authentication failure v1	rad-authentication-failure-v1	rad-authentication-failure-v1	N	IManagedElement	F	F	F	0	F	min	T	T	F
rad warm start v1	rad-warm-start-v1	rad-warm-start-v1	N	IPhysicalLayer	F	F	F	0	F	min	T	T	F
dacs Mux Alarms Trap	dacs-Mux-Alarms-Trap	dacs-Mux-Alarms-Trap	N	IManagedElement	F	F	F	0	F	maj	T	T	F
bundle Connection Status Down	bundle-Connection-Status-Down-Trap	bundle-Connection-Status-Down	N	IPhysicalLayer	F	F	F	0	F	maj	T	T	F
bundle Connection Status Up	bundle-Connection-Status-Up-Trap	bundle-Connection-Status-Up	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	F

RAD LA-210 V1 Traps Registry Parameters

Table 10-52 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the RAD LA-210 V1 traps shown in Table 10-25.

Table 10-52 RAD LA-210 V1 Traps Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
rad Cold start trap	rad Cold start trap	rad Cold start trap	N	IManagedElement	F	F	T	190000	F	info	T	T	F
rad link down trap	rad-link-down-v1	rad-link-down-v1	N	IPhysicalLayer	F	T	T	0	F	maj	T	T	T
rad link up trap	rad-link-down-v1	rad-link-up-v1	N	IPhysicalLayer	F	F	F	0	F	clr	F	T	T
Agent status normal	agent-Status-ChangeTrap	agent-Status-ChangeTrap-Cleared	N	IManagedElement	F	F	F	0	F	clr	F	T	F
Agent status change trap minor	agent-Status-ChangeTrap	agent-Status-ChangeTrap-Minor	N	IManagedElement	F	F	F	0	F	min	T	T	F
Agent status change trap major	agent-Status-ChangeTrap	agent-Status-ChangeTrap-Major	N	IManagedElement	F	F	F	0	F	maj	T	T	F
tftp Status Change Trap	tftp-Status-ChangeTrap	tftp-Status-ChangeTrap	N	IManagedElement	F	F	F	0	F	info	T	T	F
rad authentication failure v1	rad-authentication-failure-v1	rad-authentication-failure-v1	N	IManagedElement	F	F	F	0	F	min	T	T	F
agent Power Failure	agent PowerFailure Trap	agent-Power-Failure	N	IModule	F	F	F	0	F	maj	T	T	F
agent Power Failure recovery	agent PowerFailure Trap	agent-Power-Failure-recovery	N	IModule	F	F	F	0	F	clr	F	T	F

Table 10-52 RAD LA-210 V1 Traps Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
agent upload data trap	agent upload data trap	agent upload data trap	N	IManagedElement	F	F	F	0	F	info	T	T	F
rad rising Alarm Trap	rad-rising-Alarm-Trap	rad-rising-Alarm-Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
rad falling Alarm Trap	rad-falling-Alarm-Trap	rad-falling-Alarm-Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
rad hds12Shdsl Loop Atten Crossing Trap	hds12Shdsl-Loop-Atten-Crossing-Trap	hds12Shdsl-Loop-Atten-Crossing-Trap	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F
rad hds12Shdsl SNR Margin Crossing Trap	hds12Shdsl-SNR-Margin-Crossing-Trap	hds12Shdsl-SNR-Margin-Crossing-Trap	N	IPhysicalLayer	F	F	F	0	F	cri	T	T	F
enrollment Trap	enrollment-Trap	enrollment-Trap	N	IManagedElement	F	F	F	0	F	info	T	T	F
eth OamCfm Defect Condition Trap	eth-OamCfm-DefectCondition-Trap	eth OamCfm Defect Condition Trap	N	IManagedElement	F	F	F	0	F	info	T	T	F

Tellabs V1 Traps Registry Parameters

Table 10-53 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Tellabs V1 traps shown in Table 10-26.

Table 10-53 Tellabs V1 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tellabs OSPF virtual interface state changed to Down	tellabs ospf virtual if state down	tellabs ospf virtual if state down	N	IManagedElement	F	T	T	0	F	min	F	T	T
tellabs OSPF neighbor state down	tellabs ospf neighbor state down	tellabs ospf neighbor state down	N	IIPInterface	T	T	T	0	F	maj	F	T	T
tellabs OSPF neighbor state up	tellabs ospf neighbor state down	tellabs ospf neighbor state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
tellabs OSPF virtual neighbor state down	tellabs ospf-virtual-neighbor-state-change-down	tellabs ospf-virtual-neighbor-state-down	N	IOspfEntry	T	T	T	0	F	min	T	T	T
tellabs OSPF virtual neighbor state up	tellabs ospf-virtual-neighbor-state-change-down	tellabs ospf-virtual-neighbor-state-up	N	IOspfEntry	F	F	F	0	F	clr	F	T	T
tellabs OSPF interface configuration error	tellabs ospf-if-config-err	tellabs ospf-if-config-err	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
tellabs OSPF virtual interface configuration error	tellabs ospf-virtual-if-config-err	tellabs ospf-virtual-if-config-err	N	IManagedElement	F	T	F	0	F	min	F	T	F
tellabs OSPF interface authentication failure	tellabs ospf-if-authentic-fail	tellabs ospf-if-authentic-fail	N	IIPInterface	F	T	F	0	F	wrn	T	T	F

Table 10-53 Tellabs V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tellabs OSPF virtual interface authentication failure	tellabs ospf-virtual-if-authentic-fail	tellabs ospf-virtual-if-authentic-fail	N	IManagedElement	F	T	F	0	F	wrn	T	T	F
tellabs OSPF bad packet received	tellabs ospf-if-bad-packet	tellabs ospf-if-bad-packet	N	IIPInterface	F	T	F	0	T	min	F	T	F
tellabs OSPF bad packet received on virtual interface	tellabs ospf-virtual-if-bad-packet	tellabs ospf-virtual-if-bad-packet	N	IManagedElement	F	T	F	0	T	min	F	T	F
tellabs OSPF packet retransmitted	tellabs ospf-if-packet-retransmit	tellabs ospf-if-packet-retransmit	N	IIPInterface	F	T	F	0	T	min	F	T	F
tellabs OSPF packet retransmitted on virtual interface	tellabs ospf-virtual-if-packet-retransmit	tellabs ospf-virtual-if-packet-retransmit	N	IManagedElement	F	T	F	0	T	min	F	T	F
tellabs OSPF new LSA originated	tellabs ospf-new-lsa-originated	tellabs ospf-new-lsa-originated	N	IManagedElement	F	T	F	0	T	min	F	T	F
tellabs OSPF LSA aged to MaxAge	tellabs ospf-lsa-reached-maxage	tellabs ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs OSPF interface state changed to Down	tellabs ospf if state down	tellabs ospf if state down	N	IIPInterface	F	T	T	0	F	info	F	T	T
tellabs OSPF interface state changed to Up	tellabs ospf if state down	tellabs ospf if state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
tellabs BGP established trap	tellabs bgp trap	tellabs bgp established trap	bgp-process-state, bgp neighbours	IMpBgp	F	F	F	0	T	clr	F	T	T

Table 10-53 Tellabs V1 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tellabs BGP down trap	tellabs bgp trap	tellabs bgp down trap	bgp-process-state, bgp neighbours	IMpBgp	F	T	T	0	T	maj	F	T	T
tellabs new root trap	tellabs new root trap	tellabs new root trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs Spanning Tree Topology Changed	tellabs Spanning-Tree-Topology-Change-Trap	tellabs Spanning-Tree-Topology-Change	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs Entity table configuration changed	tellabs Entity table configuration changed	tellabs Entity table configuration changed	N	IManagedElement	F	F	T	0	F	info	F	T	F

Tellabs V2 Traps Registry Parameters

Table 10-54 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Tellabs V2 traps shown in Table 10-27.

Table 10-54 Tellabs V2 Trap Registry Parameters

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
switchover DbChange Trap	switchover DbChange Trap	switchover DbChange Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
node Sw Ver Switch DbChange Trap	nodeSwVerSwitchDbChange Trap	nodeSwVerSwitchDbChange Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
node Switch FabDegrade trap	nodeSwitchFabDegrade Trap	nodeSwitchFabDegrade Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
node Upgrade End Db Change Trap	nodeUpgradeEndDbChange Trap	nodeUpgradeEndDbChange Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
node Upgrade End DbChange trap	actSysClkChange Trap	actSysClkChange Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
sysClk Failed Trap	sysClk Failed Trap	sysClk Failed Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
temp Exceeded Trap	temp Exceeded Trap	temp Exceeded Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
i2c Failure Trap	i2c Failure Trap	i2c Failure Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
mgmtIp Up Trap	mgmtIp Up Trap	mgmtIp Up Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
ntpAdminChangeDbChange Trap	ntpAdminChangeDbChange Trap	ntpAdminChangeDbChange Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
panel Unplugged Trap	panel Unplugged Trap	panel Unplugged Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
fan Fail Trap	fan Fail Trap	fan Fail Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
fan Unplug Trap	fan Unplug Trap	fan Unplug Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
power Outage Trap	power Outage Trap	power Outage Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
power Failure Trap	power Failure Trap	power Failure Trap	N	IManagedElement	F	F	F	0	F	critical	F	T	F
card inserted trap	card inserted trap	card inserted trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
card Removed Trap	card Removed Trap	card Removed Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
card AdminStChanged Trap	card AdminStChanged Trap	card AdminStChanged Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
card Mismatched Trap	card Mismatched Trap	card Mismatched Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
card online trap	card online trap	card online trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
card Failed Trap	card Failed Trap	card Failed Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
card SwVer Mismatched Trap	card SwVer Mismatched Trap	card SwVer Mismatched Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
enabled Card Removed Trap	enabled Card Removed Trap	enabled Card Removed Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
card OffLine Trap	card OffLine Trap	card OffLine Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
card TxClk Fail Trap	card TxClk Fail Trap	card TxClk Fail Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
sCard RefClkFail Trap	sCard RefClkFail Trap	sCard RefClkFail Trap	N	IManagedElement	F	F	F	0	F	critical	F	T	F
sCard RefClk Dif Trap	sCard RefClk Dif Trap	sCard RefClk Dif Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
enabled Card Reset Trap	enabled Card Reset Trap	enabled Card Reset Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
card Temp Exceeded Trap	card Temp Exceeded Trap	card Temp Exceeded Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
card Invalid Boot Order Trap	card Invalid Boot Order Trap	card Invalid Boot Order Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
enabled Card Shutdown Trap	enabled Card Shutdown Trap	enabled Card Shutdown Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
card Degraded Trap	card Degraded Trap	card Degraded Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
sCard RefClk No Tog Trap	sCard RefClk No Tog Trap	sCard RefClk No Tog Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
cardFpga Upgrade Trap	cardFpga Upgrade Trap	cardFpga Upgrade Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
card Power Failure Trap	card Power Failure Trap	card Power Failure Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
pcm Module Offline Trap	pcm Module Offline Trap	pcm Module Offline Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
pcm Module Online Trap	pcm Module Online Trap	pcm Module Online Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
pcm Module Failed Trap	pcm Module Failed Trap	pcm Module Failed Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcm Module Mismatch Trap	pcm Module Mismatch Trap	pcm Module Mismatch Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcmModuleAdminChg Trap	pcmModuleAdminChg Trap	pcmModuleAdminChg Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
pcmEnabledModule Removed Trap	pcmEnabledModule Removed Trap	pcmEnabledModule Removed Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
module Temp Exceeded Trap	module Temp Exceeded Trap	module Temp Exceeded Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
pcmEnabledModuleRestarted Trap	pcmEnabledModuleRestarted Trap	pcmEnabledModuleRestarted Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcmEnabledModule Shutdown Trap	pcmEnabledModule Shutdown Trap	pcmEnabledModule Shutdown Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcmEnabledModuleFpgaUpgrade Trap	pcmEnabledModuleFpgaUpgrade Trap	pcmEnabledModuleFpgaUpgrade Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcm Port Admin Change Trap	pcmPortAdminChg Trap	pcmPortAdminChg Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
pcm Port Offline Trap	pcm Port Offline Trap	pcm Port Offline Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
pcm Port Online Trap	pcm Port Offline Trap	pcm Port Online Trap	N	IManagedElement	F	F	F	0	F		F	T	F
pcm port failed trap	pcm Port Failed Trap	pcm Port Failed/Recovery	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcm Port LOS Alarm On	pcm Port LOS Trap	pcm Port LOS Alarm off/on	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcm Port NBET Alarm On	pcm Port NBET Alarm Trap	pcm Port NBET Alarm Off/On	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Port FBET Alarm On	pcm Port FBET Alarm Trap	pcm Port FBET Alarm Off/On	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm port loopback added	pcm Port Lpbk Trap	pcm port loopback added/removed	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm port loopback removed trap	pcm Port Lpbk Trap	pcm Port Lpbk Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcmPortXcon Alm Trap	pcm Port Xcon AlmTrap	pcmPortXcon Alm On	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Port SfpRmvd Trap	pcm Port SfpRmvd Trap	pcm Port SfpRmvd Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm Port SfpDetd Trap	pcm Port SfpDetd Trap	pcm Port SfpDetd Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
pcm Port EnSfpRmvd Trap	pcm Port EnSfpRmvd Trap	pcm Port EnSfpRmvd Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
if AdminChg Trap	if AdminChg Trap	if AdminChg Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
if AdminChg Trap	if AdminChg Trap	if AdminChg Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
if AdminChg Trap	if AdminChg Trap	if AdminChg Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
if CacOvSub Trap	if CacOvSub Trap	if CacOvSub Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
If Offline Trap	If Offline Trap	If Offline Trap	N	IIPInterface	F	F	F	0	F	info	F	T	F
If Online Trap	If Offline Trap	If Online Trap	N	IIPInterface	F	F	F	0	F		F	T	F
eva Event Clear Trap	eva Event Clear Trap	eva Event Clear Trap	N	IManagedElement	F	F	F	0	F		F	T	F
eva Excess Minor Trap	eva Excess Minor Trap	eva Excess Minor Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
eva Excess Major Trap	eva Excess Major Trap	eva Excess Major Trap	N	IManagedElement	F	F	F	0	F	critical	F	T	F
ospfGlblClr Process Trap	ospfGlblClr Process Trap	ospfGlblClr Process Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
ospf Inst Oper Up Trap	ospf Inst Oper Down Trap	ospf Inst Oper Up	N	IManagedElement	F	F	F	0	F	info	F	T	F
ospf Inst Oper Down Trap	ospf Inst Oper Down Trap	ospf Inst Oper Down	N	IManagedElement	F	F	F	0	F	info	F	T	F
ospf Ext Lsa High Thresh Trap	ospfExtLsaHighThresh Trap	ospfExtLsaHighThresh Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
ospf Ext Lsa Low Thresh Trap	ospfExtLsaLowThresh Trap	ospfExtLsaLowThresh Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
ospf Ex Max Lsa Exceeded Trap	ospfExMaxLsaExceeded Trap	ospfExMaxLsaExceeded Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
ospf Ext Redis Route High Thresh Trap	ospfExtRedisRouteHighThresh Trap	ospfExtRedisRouteHighThresh Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
ospf Ext If State Change Trap	ospfExtIfStateChg Trap	ospfExtIfStateChg Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
ospf Ext Nbr State Change Trap	ospfExtNbrStateChg Trap	ospfExtNbrStateChg Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
mplsLsp Admin Change Trap	mplsLsp Admin Change Trap	mplsLsp Admin Change Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
mplsLsp Up Trap	mplsLsp Down Trap	mplsLsp Up	N	IManagedElement	F	F	F	0	F		F	T	F
mplsLsp Down Trap	mplsLsp Down Trap	mplsLsp Down	N	IManagedElement	F	F	F	0	F	info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
mplsLsp Active Trap	mplsLsp Active Trap	mplsLsp Active Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
mpls Tunnel Up Trap	mpls Tunnel Down Trap	mpls Tunnel Up	N	IManagedElement	F	F	F	0	F		F	T	F
mpls Tunnel Down Trap	mpls Tunnel Down Trap	mpls Tunnel Down	N	IManagedElement	F	F	F	0	F	info	F	T	F
snmp Link Down Trap	snmp Link Down Trap	snmp Link Down	N	IManagedElement	F	F	F	0	F	maj	F	T	F
snmp Link Up Trap	snmp Link Down Trap	snmp Link Up	N	IManagedElement	F	F	F	0	F		F	T	F
mplsLdp Session Up Trap	mplsLdp Session Down Trap	mplsLdp Session Up	N	IManagedElement	F	F	F	0	F		F	T	F
mplsLdp Session Down Trap	mplsLdp Session Down Trap	mplsLdp Session Down	N	IManagedElement	F	F	F	0	F	info	F	T	F
mplsLdp Interface Online Trap	mplsLdp Interface Offline Trap	mplsLdp Interface Online	N	IManagedElement	F	F	F	0	F		F	T	F
mplsLdp Interface Offline Trap	mplsLdp Interface Offline Trap	mplsLdp Interface Offline	N	IManagedElement	F	F	F	0	F	info	F	T	F
temAreaAdminChange Trap	temAreaAdminChange Trap	temAreaAdminChange Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
temOspf If Online Trap	temOspf If Offline Trap	temOspf If Online	N	IManagedElement	F	F	F	0	F		F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
temOspf If Offline Trap	temOspf If Offline Trap	temOspf If Offline	N	IManagedElement	F	F	F	0	F	info	F	T	F
mpls Admin State Trap	mpls Admin State Trap	mpls Admin State Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
mplsRsvpIntf Admin State Trap	mplsRsvpIntf Admin State Trap	mplsRsvpIntf Admin State Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
mplsRsvpIntf Online Trap	mplsRsvpIntf Offline Trap	mplsRsvpIntf Online	N	IManagedElement	F	F	F	0	F		F	T	F
mplsRsvpIntf Offline Trap	mplsRsvpIntf Offline Trap	mplsRsvpIntf Offline	N	IManagedElement	F	F	F	0	F	info	F	T	F
bfd Session Up Trap	bfd Session Down Trap	bfd Session Up	N	IManagedElement	F	F	F	0	F		F	T	F
bfd Session Down Trap	bfd Session Down Trap	bfd Session Down	N	IManagedElement	F	F	F	0	F	info	F	T	F
Non Redundant trap	Non Redundant trap	Non Redundant trap	N	IManagedElement	F	F	F	0	F	critical	F	T	F
tellabs ospf if state down	tellabs ospf if state down	tellabs ospf if state down	N	IIPInterface	F	T	T	0	F	info	F	T	T
tellabs ospf if state up	tellabs ospf if state up	tellabs ospf if state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tellabs ospf virtual if state down	tellabs ospf virtual if state down	tellabs ospf virtual if state down	N	IManagedElement	F	T	T	0	F	min	F	T	T
tellabs ospf neighbor state down	tellabs ospf neighbor state down	tellabs ospf neighbor state down	N	IIPInterface	T	T	T	0	F	maj	F	T	T
tellabs ospf neighbor state up	tellabs ospf neighbor state up	tellabs ospf neighbor state up	N	IIPInterface	F	F	F	0	F	clr	F	T	T
tellabs ospf-virtual-neighbor-state-down	tellabs ospf-virtual-neighbor-state-down	tellabs ospf-virtual-neighbor-state-down	N	IOspfEntry	T	T	T	0	F	min	T	T	T
tellabs ospf-virtual-neighbor-state-up	tellabs ospf-virtual-neighbor-state-up	tellabs ospf-virtual-neighbor-state-up	N	IOspfEntry	F	F	F	0	F	clr	F	T	T
tellabs ospf-if-config-error	tellabs ospf-if-config-err	tellabs ospf-if-config-err	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
tellabs ospf-virtual-if-config-err	tellabs ospf-virtual-if-config-err	tellabs ospf-virtual-if-config-err	N	IManagedElement	F	T	F	0	F	min	F	T	F
tellabs ospf-if-authentic-fail	tellabs ospf-if-authentic-fail	tellabs ospf-if-authentic-fail	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
tellabs ospf-virtual-if-authentic-fail	tellabs ospf-virtual-if-authentic-fail	tellabs ospf-virtual-if-authentic-fail	N	IManagedElement	F	T	F	0	F	wrn	T	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tellabs ospf-if-bad-packet	tellabs ospf-if-bad-packet	tellabs ospf-if-bad-packet	N	IIPInterface	F	T	F	0	T	min	F	T	F
tellabs ospf-virtual-if-bad-packet	tellabs ospf-virtual-if-bad-packet	tellabs ospf-virtual-if-bad-packet	N	IManagedElement	F	T	F	0	T	min	F	T	F
tellabs ospf-if-packet-retransmit	tellabs ospf-if-packet-retransmit	tellabs ospf-if-packet-retransmit	N	IIPInterface	F	T	F	0	T	min	F	T	F
tellabs ospf-virtual-if-packet-retransmit	tellabs ospf-virtual-if-packet-retransmit	tellabs ospf-virtual-if-packet-retransmit	N	IManagedElement	F	T	F	0	T	min	F	T	F
tellabs ospf-new-lsa-originated	tellabs ospf-new-lsa-originated	tellabs ospf-new-lsa-originated	N	IManagedElement	F	T	F	0	T	min	F	T	F
tellabs ospf-lsa-reached-maxage	tellabs ospf-lsa-reached-maxage	tellabs ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs bgp down trap	tellabs ospf if state down	tellabs ospf if state down	N	IBgpNeighborEntry	F	T	T	0	T	maj	F	T	T
tellabs bgp established trap	tellabs ospf if state up	tellabs ospf if state up	N	IBgpNeighborEntry	F	F	F	0	T	clr	F	T	T
tellabs new root trap	tellabs ospf virtual if state down	tellabs ospf virtual if state down	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs Spanning Tree Topology Changed	tellabs ospf neighbor state down	tellabs ospf neighbor state down	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tellabs Entity table configuration changed	tellabs ospf neighbor state up	tellabs ospf neighbor state up	N	IManagedElement	F	F	T	0	F	info	F	T	F
tellabs acctngFileFull trap	tellabs ospf-virtual-neighbor-state-down	tellabs ospf-virtual-neighbor-state-down	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs acctngFileNearbyFull trap	tellabs ospf-virtual-neighbor-state-up	tellabs ospf-virtual-neighbor-state-up	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs dsx1 line status change	tellabs ospf-if-config-err	tellabs ospf-if-config-err	N	IIPInterface	F	F	F	0	F	maj	F	T	F
tellabs dsx3 line status change	tellabs ospf-virtual-if-config-err	tellabs ospf-virtual-if-config-err	N	IIPInterface	F	F	F	0	F	maj	F	T	F
tellabs fr dlci status invalid trap	tellabs ospf-if-authentic-fail	tellabs ospf-if-authentic-fail	N	IIPInterface	F	F	F	0	F	maj	F	T	F
tellabs ipv6-if-state-changed	tellabs ospf-virtual-if-authentic-fail	tellabs ospf-virtual-if-authentic-fail	N	IManagedElement	F	F	F	0	F	min	F	T	F
tellabs mfrMibTrapBundleLinkMismatch trap	tellabs ospf-if-bad-packet	tellabs ospf-if-bad-packet	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs mplsLdplnitSeshresholdExceeded trap	tellabs ospf-virtual-if-bad-packet	tellabs ospf-virtual-if-bad-packet	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs mplsLdpPathVectorLimitMismatch trap	tellabs ospf-if-packet-retransmit	tellabs ospf-if-packet-retransmit	N	IManagedElement	F	F	F	0	F	info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tellabs mplsLdpSession Down trap	tellabs ospf-virtual-if-packet-retransmit	tellabs ospf-virtual-if-packet-retransmit	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs mplsLdpSession Up trap	tellabs ospf-new-lsa-originated	tellabs ospf-new-lsa-originated	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs mpls te tunnel down trap	tellabs ospf-lsa-reached-maxage	tellabs ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	maj	F	T	F
tellabs mpls te tunnel reoptimized trap	tellabs ospf if state down	tellabs ospf if state down	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs mpls te tunnel rerouted trap	tellabs ospf if state up	tellabs ospf if state up	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs mpls te tunnel up trap	tellabs ospf virtual if state down	tellabs ospf virtual if state down	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs pingProbeFailed trap	tellabs ospf neighbor state down	tellabs ospf neighbor state down	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs pingTestCompleted trap	tellabs ospf neighbor state up	tellabs ospf neighbor state up	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs pingTestFailed trap	tellabs ospf-virtual-neighbor-state-down	tellabs ospf-virtual-neighbor-state-down	N	IManagedElement	F	F	F	0	F	info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tellabs RMON_Falling_Alarm trap	tellabs ospf-virtual-neighbor-state-up	tellabs ospf-virtual-neighbor-state-up	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs RMON_Packet_Match trap	tellabs ospf-if-config-err	tellabs ospf-if-config-err	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs RMON_Rise_Alarm trap	tellabs ospf-virtual-if-config-err	tellabs ospf-virtual-if-config-err	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs rprtrGroupChange trap	tellabs ospf-if-authentic-fail	tellabs ospf-if-authentic-fail	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs rprtrHealth trap	tellabs ospf-virtual-if-authentic-fail	tellabs ospf-virtual-if-authentic-fail	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs rprtrResetEvent trap	tellabs ospf-if-bad-packet	tellabs ospf-if-bad-packet	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
tellabs traceRoutePathChange trap	tellabs ospf-virtual-if-bad-packet	tellabs ospf-virtual-if-bad-packet	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs traceRouteTestCompleted trap	tellabs ospf-if-packet-retransmit	tellabs ospf-if-packet-retransmit	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs traceRouteTestFailed trap	tellabs ospf-virtual-if-packet-retransmit	tellabs ospf-virtual-if-packet-retransmit	N	IManagedElement	F	F	F	0	F	info	F	T	F
tellabs vrrp trap auth failure trap	tellabs ospf-new-lsa-originated	tellabs ospf-new-lsa-originated	N	IManagedElement	F	F	F	0	F	info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tellabs vrrp trap new master trap	tellabs ospf-lsa-reached-maxage	tellabs ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	F	min	F	T	F
ip Route Added Trap	ip Route Added Trap	ip Route Added Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ip Route Deleted Trap	ip Route Deleted Trap	ip Route Deleted Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ip Route Cost Added Trap	ip Route Cost Added Trap	ip Route Cost Added Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ip Route Cost Deleted Trap	ip Route Cost Deleted Trap	ip Route Cost Deleted Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ip Route Cost Attr Change Trap	ip Route Cost Attr Change Trap	ip Route Cost Attr Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ip Route Path Added Trap	ip Route Path Added Trap	ip Route Path Added Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ip Route Path Deleted Trap	ip Route Path Deleted Trap	ip Route Path Deleted Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ip Route Path Active Trap	ip Route Path Active Trap	ip Route Path Active Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
ip Route Path Inactive Trap	ip Route Path Inactive Trap	ip Route Path Inactive Trap	N	IManagedElement	F	F	F	F	F	min	F	T	F
ip Route Active Trap	ip Route Active Trap	ip Route Active Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
ip Route Inactive Trap	ip Route Inactive Trap	ip Route Inactive Trap	N	IManagedElement	F	F	F	F	F	min	F	T	F
ip Route Attr Change Trap	ip Route Attr Change Trap	ip Route Attr Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ip Route Bulk Change Trap	ip Route Bulk Change Trap	ip Route Bulk Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Syn Rate Thr Trap	Syn Rate Thr Trap	Syn Rate Thr Trap	N	IManagedElement	F	F	F	F	F	maj	F	T	F
Hlf Open Thr Trap	Hlf Open Thr Trap	Hlf Open Thr Trap	N	IManagedElement	F	F	F	F	F	maj	F	T	F
Path Chg Trap	Path Chg Trap	Path Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Established Trap	bgp Established Trap	bgp Established Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
bgp MaxPfx MaxThreshold Trap	bgp MaxPfx MaxThreshold Trap	bgp MaxPfx MaxThreshold Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp MaxPfx ExceedAction Trap	bgp MaxPfx ExceedAction Trap	bgp MaxPfx ExceedAction Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Glbl Admin Chg Trap	bgp Glbl Admin Chg Trap	bgp Glbl Admin Chg Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
bgp Glbl Admin Chg Trap	bgp Glbl Admin Chg Trap	bgp Glbl Admin Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Glbl Admin Chg Trap	bgp Glbl Admin Chg Trap	bgp Glbl Admin Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
bgp Glbl Attr ChgDb Change Trap	bgp Glbl Attr ChgDb Change Trap	bgp Glbl Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Peer Add Trap	bgp Peer Add Trap	bgp Peer Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Peer Del Trap	bgp Peer Del Trap	bgp Peer Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Peer Attr ChgDb Change Trap	bgp Peer Attr ChgDb Change Trap	bgp Peer Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp PeerGp Add Trap	bgp PeerGp Add Trap	bgp PeerGp Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp PeerGp Del Trap	bgp PeerGp Del Trap	bgp PeerGp Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp PeerGp Attr ChgDb Change Trap	bgp PeerGp Attr ChgDb Change Trap	bgp PeerGp Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Netwk Add Trap	bgp Netwk Add Trap	bgp Netwk Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Netwk Del Trap	bgp Netwk Del Trap	bgp Netwk Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Netwk Attr ChgDb Change Trap	bgp Netwk Attr ChgDb Change Trap	bgp Netwk Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Aggr Add Trap	bgp Aggr Add Trap	bgp Aggr Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
bgp Aggr Del Trap	bgp Aggr Del Trap	bgp Aggr Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Aggr Attr ChgDb Change Trap	bgp Aggr Attr ChgDb Change Trap	bgp Aggr Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Redist Add Trap	bgp Redist Add Trap	bgp Redist Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Redist Del Trap	bgp Redist Del Trap	bgp Redist Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Redist Attr ChgDb Change Trap	bgp Redist Attr ChgDb Change Trap	bgp Redist Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp ASpath List Add Trap	bgp ASpath List Add Trap	bgp ASpath List Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp ASpath List Del Trap	bgp ASpath List Del Trap	bgp ASpath List Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp ASpath List Attr ChgDb Change Trap	bgp ASpath List Attr ChgDb Change Trap	bgp ASpath List Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Comm List Add Trap	bgp Comm List Add Trap	bgp Comm List Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Comm List Del Trap	bgp Comm List Del Trap	bgp Comm List Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
bgp Comm List Attr ChgDb Change Trap	bgp Comm List Attr ChgDb Change Trap	bgp Comm List Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Max Pfx Min Threshold Trap	bgp Max Pfx Min Threshold Trap	bgp Max Pfx Min Threshold Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
bgp Max Pfx Exceed Clear Trap	bgp Max Pfx Exceed Clear Trap	bgp Max Pfx Exceed Clear Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
bgp ExtCL Add Trap	bgp ExtCL Add Trap	bgp ExtCL Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp ExtCL Del Trap	bgp ExtCL Del Trap	bgp ExtCL Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp ExtCL Attr ChgDb Change Trap	bgp ExtCL Attr ChgDb Change Trap	bgp ExtCL Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Inst Oper Up Trap	bgp Inst Oper Up Trap	bgp Inst Oper Up Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
bgp Inst Oper Down Trap	bgp Inst Oper Down Trap	bgp Inst Oper Down Trap	N	IManagedElement	F	F	F	F	F	min	F	T	F
bgp Inst RtrId Chg Trap	bgp Inst RtrId Chg Trap	bgp Inst RtrId Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Peer Admin Chg Trap	bgp Peer Admin Chg Trap	bgp Peer Admin Chg Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
bgp Peer Admin Chg Trap	bgp Peer Admin Chg Trap	bgp Peer Admin Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Peer Admin Chg Trap	bgp Peer Admin Chg Trap	bgp Peer Admin Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Peer Gp Admin Chg Trap	bgp Peer Gp Admin Chg Trap	bgp Peer Gp Admin Chg Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
bgp Peer Gp Admin Chg Trap	bgp Peer Gp Admin Chg Trap	bgp Peer Gp Admin Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Peer Gp Admin Chg Trap	bgp Peer Gp Admin Chg Trap	bgp Peer Gp Admin Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Peer Estab Trap	bgp Peer Estab Trap	bgp Peer Estab Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
bgp Peer Down Trap	bgp Peer Down Trap	bgp Peer Down Trap	N	IManagedElement	F	F	F	F	F	min	F	T	F
bgp Proc Attr Chg Trap	bgp Proc Attr Chg Trap	bgp Proc Attr Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp ProcGRSt Chg Trap	bgp ProcGRSt Chg Trap	bgp ProcGRSt Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Peer InRestart Trap	bgp Peer InRestart Trap	bgp Peer InRestart Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
bgp Peer OutOfRestart Trap	bgp Peer OutOfRestart Trap	bgp Peer OutOfRestart Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
ospf If State Chg Trap	ospf If State Chg Trap	ospf If State Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
ospf Vlf State Chg Trap	ospf Vlf State Chg Trap	ospf Vlf State Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Nbr State Chg Trap	ospf Nbr State Chg Trap	ospf Nbr State Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf VNbr State Chg Trap	ospf VNbr State Chg Trap	ospf VNbr State Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf If Conf Err Trap	ospf If Conf Err Trap	ospf If Conf Err Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Vlf Conf Err Trap	ospf Vlf Conf Err Trap	ospf Vlf Conf Err Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf If Auth Fail Trap	ospf If Auth Fail Trap	ospf If Auth Fail Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Vlf Auth Fail Trap	ospf Vlf Auth Fail Trap	ospf Vlf Auth Fail Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Orig Lsa Trap	ospf Orig Lsa Trap	ospf Orig Lsa Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Max Age Lsa Trap	ospf Max Age Lsa Trap	ospf Max Age Lsa Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Glbl Attr Change Trap	ospf Glbl Attr Change Trap	ospf Glbl Attr Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Glbl Clr Counters Trap	ospf Glbl Clr Counters Trap	ospf Glbl Clr Counters Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Area Attr Change Trap	ospf Area Attr Change Trap	ospf Area Attr Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
ospf Area Add Trap	ospf Area Add Trap	ospf Area Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Area Del Trap	ospf Area Del Trap	ospf Area Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf If Attr Change Trap	ospf If Attr Change Trap	ospf If Attr Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Redist Add Trap	ospf Redist Add Trap	ospf Redist Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Redist Del Trap	ospf Redist Del Trap	ospf Redist Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Nwk Add Trap	ospf Nwk Add Trap	ospf Nwk Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Nwk Del Trap	ospf Nwk Del Trap	ospf Nwk Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Vlf Add Trap	ospf Vlf Add Trap	ospf Vlf Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Vlf Del Trap	ospf Vlf Del Trap	ospf Vlf Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Vlf Attr Change Trap	ospf Vlf Attr Change Trap	ospf Vlf Attr Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Glbl Admin Chg Trap	ospf Glbl Admin Chg Trap	ospf Glbl Admin Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Over load State Chg Trap	ospf Over load State Chg Trap	ospf Over load State Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
ospf Ext Area Nssa Tr Role Chg Trap	ospf Ext Area Nssa Tr Role Chg Trap	ospf Ext Area Nssa Tr Role Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Ext Area Nssa Tr State ChgTrap	ospf Ext Area Nssa Tr State ChgTrap	ospf Ext Area Nssa Tr State ChgTrap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Ext Area Aggr Add Trap	ospf Ext Area Aggr Add Trap	ospf Ext Area Aggr Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Ext Area Aggr Del Trap	ospf Ext Area Aggr Del Trap	ospf Ext Area Aggr Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Ext Area Aggr Attr Chg Trap	ospf Ext Area Aggr Attr Chg Trap	ospf Ext Area Aggr Attr Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Ex Max Lsa Cleared Trap	ospf Ex Max Lsa Cleared Trap	ospf Ex Max Lsa Cleared Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
ospf Ext Redis Route High Thresh Trap	ospf Ext Redis Route High Thresh Trap	ospf Ext Redis Route High Thresh Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
ospf Ex Max Redis Route Exceeded Trap	ospf Ex Max Redis Route Exceeded Trap	ospf Ex Max Redis Route Exceeded Trap	N	IManagedElement	F	F	F	F	F	min	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
ospf Ex Max Redis Route Cleared Trap	ospf Ex Max Redis Route Cleared Trap	ospf Ex Max Redis Route Cleared Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
ospf Ext Vif State Chg Trap	ospf Ext Vif State Chg Trap	ospf Ext Vif State Chg Trap	N	IManagedElement	F	F	F	F	F	min	F	T	F
ospf Ext VNbr State Chg Trap	ospf Ext VNbr State Chg Trap	ospf Ext VNbr State Chg Trap	N	IManagedElement	F	F	F	F	F	min	F	T	F
ospf Ext If Conf Err Trap	ospf Ext If Conf Err Trap	ospf Ext If Conf Err Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Ext Vif Conf Err Trap	ospf Ext Vif Conf Err Trap	ospf Ext Vif Conf Err Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Ext If Auth Fail Trap	ospf Ext If Auth Fail Trap	ospf Ext If Auth Fail Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Ext Vif Auth Fail Trap	ospf Ext Vif Auth Fail Trap	ospf Ext Vif Auth Fail Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Ext Nbr Dn Reason Trap	ospf Ext Nbr Dn Reason Trap	ospf Ext Nbr Dn Reason Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Os ExNbr GrR Trap	Os ExNbr GrR Trap	Os ExNbr GrR Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Os ExNbr GrD Trap	Os ExNbr GrD Trap	Os ExNbr GrD Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Os ExVNbr GrR Trap	Os ExVNbr GrR Trap	Os ExVNbr GrR Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Os ExVNB GrD Trap	Os ExVNB GrD Trap	Os ExVNB GrD Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ospf Area Dup Rtr Id Trap	ospf Area Dup Rtr Id Trap	ospf Area Dup Rtr Id Trap	N	IManagedElement	F	F	F	F	F	maj	F	T	F
mpls Ldp Intf Add Trap	mpls Ldp Intf Add Trap	mpls Ldp Intf Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
mpls Ldp Intf Del Trap	mpls Ldp Intf Del Trap	mpls Ldp Intf Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
mpls Ldp Intf Admn State Trap	mpls Ldp Intf Admn State Trap	mpls Ldp Intf Admn State Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
mpls Ldp Intf Attr Chg Trap	mpls Ldp Intf Attr Chg Trap	mpls Ldp Intf Attr Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
mpls Ldp Glbl Attr Chg Trap	mpls Ldp Glbl Attr Chg Trap	mpls Ldp Glbl Attr Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
mpls Ldp Auth Del Trap	mpls Ldp Auth Del Trap	mpls Ldp Auth Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
mpls Ldp Auth Change Trap	mpls Ldp Auth Change Trap	mpls Ldp Auth Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
mpls Ldp Auth Add Trap	mpls Ldp Auth Add Trap	mpls Ldp Auth Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
mpls Ldp Peer Attr Change Trap	mpls Ldp Peer Attr Change Trap	mpls Ldp Peer Attr Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Ldp FB Add Trap	Ldp FB Add Trap	Ldp FB Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Ldp FB Att Ch Trap	Ldp FB Att Ch Trap	Ldp FB Att Ch Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Ldp FB Adm Ch Trap	Ldp FB Adm Ch Trap	Ldp FB Adm Ch Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Ldp FB Del Trap	Ldp FB Del Trap	Ldp FB Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
atm Admin State Trap	atm Admin State Trap	atm Admin State Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
atm Admin State Trap	atm Admin State Trap	atm Admin State Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
atm Admin State Trap	atm Admin State Trap	atm Admin State Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
atm Global Changed Db Change Trap	atm Global Changed Db Change Trap	atm Global Changed Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pnni Admin State Trap	pnni Admin State Trap	pnni Admin State Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
pnni Admin State Trap	pnni Admin State Trap	pnni Admin State Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pnni Admin State Trap	pnni Admin State Trap	pnni Admin State Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pnni Global Changed Db Change Trap	pnni Global Changed Db Change Trap	pnni Global Changed Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
atm Pnni Node Add Trap	atm Pnni Node Add Trap	atm Pnni Node Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
atm Pnni Node Del Trap	atm Pnni Node Del Trap	atm Pnni Node Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
atm Pnni Node Admin Change Trap	atm Pnni Node Admin Change Trap	atm Pnni Node Admin Change Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
atm Pnni Node Admin Change Trap	atm Pnni Node Admin Change Trap	atm Pnni Node Admin Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
atm Pnni Node Admin Change Trap	atm Pnni Node Admin Change Trap	atm Pnni Node Admin Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
atm Pnni Node Pgl Attr Change Db Change Trap	atm Pnni Node Pgl Attr Change Db Change Trap	atm Pnni Node Pgl Attr Change Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
atm Pnni Node Timer Attr Change Db Change Trap	atm Pnni Node Timer Attr Change Db Change Trap	atm Pnni Node Timer Attr Change Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
atm Pnni Node Svcc Attr Change Db Change Trap	atm Pnni Node Svcc Attr Change Db Change Trap	atm Pnni Node Svcc Attr Change Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pnni Intf Online Trap	pnni Intf Online Trap	pnni Intf Online Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
pnni Intf Offline Trap	pnni Intf Offline Trap	pnni Intf Offline Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pnni Intf Admin State Trap	pnni Intf Admin State Trap	pnni Intf Admin State Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
pnni Intf Admin State Trap	pnni Intf Admin State Trap	pnni Intf Admin State Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pnni Intf Admin State Trap	pnni Intf Admin State Trap	pnni Intf Admin State Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pnni Intf Attr ChgDb Change Trap	pnni Intf Attr ChgDb Change Trap	pnni Intf Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pnni Ilmi Intf Online Trap	pnni Ilmi Intf Online Trap	pnni Ilmi Intf Online Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
pnni Ilmi Intf Offline Trap	pnni Ilmi Intf Offline Trap	pnni Ilmi Intf Offline Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pnni Ilmi Intf Admin State Trap	pnni Ilmi Intf Admin State Trap	pnni Ilmi Intf Admin State Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
pnni Ilmi Intf Admin State Trap	pnni Ilmi Intf Admin State Trap	pnni Ilmi Intf Admin State Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pnni Ilmi Intf Admin State Trap	pnni Ilmi Intf Admin State Trap	pnni Ilmi Intf Admin State Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pnni Ilmi Intf Attr ChgDb Change Trap	pnni Ilmi Intf Attr ChgDb Change Trap	pnni Ilmi Intf Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pnni SigIntf Online Trap	pnni SigIntf Online Trap	pnni SigIntf Online Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
pnni SigIntf Offline Trap	pnni SigIntf Offline Trap	pnni SigIntf Offline Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pnni SigIntf Admin State Trap	pnni SigIntf Admin State Trap	pnni SigIntf Admin State Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
pnni SigIntf Admin State Trap	pnni SigIntf Admin State Trap	pnni SigIntf Admin State Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pnni SigIntf Admin State Trap	pnni SigIntf Admin State Trap	pnni SigIntf Admin State Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pnni SigIntf Attr ChgDb Change Trap	pnni SigIntf Attr ChgDb Change Trap	pnni SigIntf Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
atm IfSoft Pvc Addr Add Trap	atm IfSoft Pvc Addr Add Trap	atm IfSoft Pvc Addr Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
atm IfSoft Pvc Addr Del Trap	atm IfSoft Pvc Addr Del Trap	atm IfSoft Pvc Addr Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
atm Net Prefix Add Trap	atm Net Prefix Add Trap	atm Net Prefix Add Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
atm Net Prefix Del Trap	atm Net Prefix Del Trap	atm Net Prefix Del Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
atm Svcc Rcc Down Trap	atm Svcc Rcc Down Trap	atm Svcc Rcc Down Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Conn Trc Trap	Conn Trc Trap	Conn Trc Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Conn Trc1 Trap	Conn Trc1 Trap	Conn Trc1 Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Conn Trc2 Trap	Conn Trc2 Trap	Conn Trc2 Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Module Added Trap	pcm Module Added Trap	pcm Module Added Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm Module Deleted Trap	pcm Module Deleted Trap	pcm Module Deleted Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Module Removed Trap	pcm Module Removed Trap	pcm Module Removed Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Module Inserted Trap	pcm Module Inserted Trap	pcm Module Inserted Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Module Restarted Trap	pcm Module Restarted Trap	pcm Module Restarted Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Module Shutdown Trap	pcm Module Shutdown Trap	pcm Module Shutdown Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Module Attr Chg Trap	pcm Module Attr Chg Trap	pcm Module Attr Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Module Fpga Upgrade Trap	pcm Module Fpga Upgrade Trap	pcm Module Fpga Upgrade Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Mod Fpga FI Trap	Mod Fpga FI Trap	Mod Fpga FI Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Port Attr ChgDb Change Trap	pcm Port Attr ChgDb Change Trap	pcm Port Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Port LOF Trap	pcm Port LOF Trap	pcm Port LOF Trap	N	IManagedElement	F	F	F	F	F	maj	F	T	F
pcm Port AIS Trap	pcm Port AIS Trap	pcm Port AIS Trap	N	IManagedElement	F	F	F	F	F	maj	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm Port RDI Trap	pcm Port RDI Trap	pcm Port RDI Trap	N	IManagedElement	F	F	F	F	F	min	F	T	F
pcm FeSts Chg Trap	pcm FeSts Chg Trap	pcm FeSts Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Port SfpTx Fault Sts Chg Trap	pcm Port SfpTx Fault Sts Chg Trap	pcm Port SfpTx Fault Sts Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Port Plgable Tx Rmvd Trap	pcm Port Plgable Tx Rmvd Trap	pcm Port Plgable Tx Rmvd Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Port Plgable Tx Detd Trap	pcm Port Plgable Tx Detd Trap	pcm Port Plgable Tx Detd Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Port EnPlgable Tx Rmvd Trap	pcm Port EnPlgable Tx Rmvd Trap	pcm Port EnPlgable Tx Rmvd Trap	N	IManagedElement	F	F	F	F	F	min	F	T	F
pcm Port Plgable TxTx Fault Sts Chg Trap	pcm Port Plgable TxTx Fault Sts Chg Trap	pcm Port Plgable TxTx Fault Sts Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Port EnPlgable Tx Mismatch Trap	pcm Port EnPlgable Tx Mismatch Trap	pcm Port EnPlgable Tx Mismatch Trap	N	IManagedElement	F	F	F	F	F	min	F	T	F
pcm Port Copper Gige AnDisabled Trap	pcm Port Copper Gige AnDisabled Trap	pcm Port Copper Gige AnDisabled Trap	N	IManagedElement	F	F	F	F	F	min	F	T	F
SFB Trap	SFB Trap	SFB Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
TX Laser DG Trap	TX Laser DG Trap	TX Laser DG Trap	N	IManagedElement	F	F	F	F	F	min	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Lp Detect Trap	Lp Detect Trap	Lp Detect Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Lp Clear Trap	Lp Clear Trap	Lp Clear Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
card Added Trap	card Added Trap	card Added Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
card Deleted Trap	card Deleted Trap	card Deleted Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
card Sw Dnld Done Trap	card Sw Dnld Done Trap	card Sw Dnld Done Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
card Attr Change Db Change Trap	card Attr Change Db Change Trap	card Attr Change Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
card Sw Dnld Init Trap	card Sw Dnld Init Trap	card Sw Dnld Init Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
card Sw Dnld Fail Trap	card Sw Dnld Fail Trap	card Sw Dnld Fail Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
card Sw Slt Ver Change Trap	card Sw Slt Ver Change Trap	card Sw Slt Ver Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
card Test Trap	card Test Trap	card Test Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
card Sw Dnld Abort Trap	card Sw Dnld Abort Trap	card Sw Dnld Abort Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
card Shutdown Trap	card Shutdown Trap	card Shutdown Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
card Fast Boot Failed Trap	card Fast Boot Failed Trap	card Fast Boot Failed Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
card Format Cmplt Trap	card Format Cmplt Trap	card Format Cmplt Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
card Small Cam DbChange Trap	card Small Cam DbChange Trap	card Small Cam DbChange Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
NpTm Rsrc Ex Trap	NpTm Rsrc Ex Trap	NpTm Rsrc Ex Trap	N	IManagedElement	F	F	F	F	F	min	F	T	F
Card AsReit Trap	Card AsReit Trap	Card AsReit Trap	N	IManagedElement	F	F	F	F	F	maj	F	T	F
node Attr ChangeDb Change Trap	node Attr ChangeDb Change Trap	node Attr ChangeDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
node Ready Trap	node Ready Trap	node Ready Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Bits clock change trap	Bits clock change trap	Bits clock change trap	N	IManagedElement	F	F	F	F	F	min	F	T	F
node SwDnld Done Db Change Trap	node SwDnld Done Db Change Trap	node SwDnld Done Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
node SwDnld Init Db Change Trap	node SwDnld Init Db Change Trap	node SwDnld Init Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
fully Redundant Db Change Trap	fully Redundant Db Change Trap	fully Redundant Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
oper Non Redundant Db Change Trap	oper Non Redundant Db Change Trap	oper Non Redundant Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
node SwDnld Abort Db Change Trap	node SwDnld Abort Db Change Trap	node SwDnld Abort Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
node Restart InProg DbChange Trap	node Restart InProg DbChange Trap	node Restart InProg DbChange Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
node Upgrade Begin Db Change Trap	node Upgrade Begin Db Change Trap	node Upgrade Begin Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
node Enter Config Restricted Db Change Trap	node Enter Config Restricted Db Change Trap	node Enter Config Restricted Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
node Exit Config Restricted Db Change Trap	node Exit Config Restricted Db Change Trap	node Exit Config Restricted Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
node Enter Isolation Db Change Trap	node Enter Isolation Db Change Trap	node Enter Isolation Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
node Exit Isolation Db Change Trap	node Exit Isolation Db Change Trap	node Exit Isolation Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
node Enter HwProg Db Change Trap	node Enter HwProg Db Change Trap	node Enter HwProg Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
node Exit HwProg Db Change Trap	node Exit HwProg Db Change Trap	node Exit HwProg Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
node Slit Upgd Change Db Change Trap	node Slit Upgd Change Db Change Trap	node Slit Upgd Change Db Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Node Usr Abt Trap	Node Usr Abt Trap	Node Usr Abt Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Ont Fiv PmVo Trap	Ont Fiv PmVo Trap	Ont Fiv PmVo Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Tca Events Trap	Tca Events Trap	Tca Events Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Olt Fiv PmDa Trap	Olt Fiv PmDa Trap	Olt Fiv PmDa Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
code Serv Attr Change Trap	code Serv Attr Change Trap	code Serv Attr Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
mgmt Ip Attr Change Trap	mgmt Ip Attr Change Trap	mgmt Ip Attr Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
sys Clk Attr Change Trap	sys Clk Attr Change Trap	sys Clk Attr Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
aco Button On Trap	aco Button On Trap	aco Button On Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
invalid Mgmt IpAddress Trap	invalid Mgmt IpAddress Trap	invalid Mgmt IpAddress Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
db Serv Attr Change Trap	db Serv Attr Change Trap	db Serv Attr Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
power LedMask Chg Trap	power LedMask Chg Trap	power LedMask Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
trans Power Chg Trap	trans Power Chg Trap	trans Power Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
mgmt Ip Down Trap	mgmt Ip Down Trap	mgmt Ip Down Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ntp Host Add DbChange Trap	ntp Host Add DbChange Trap	ntp Host Add DbChange Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ntp Host Mod DbChange Trap	ntp Host Mod DbChange Trap	ntp Host Mod DbChange Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
ntp Host Del DbChange Trap	ntp Host Del DbChange Trap	ntp Host Del DbChange Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
ntp Auth KeyDel DbChange Trap	ntp Auth KeyDel DbChange Trap	ntp Auth KeyDel DbChange Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
msg Drop DbChange Trap	msg Drop DbChange Trap	msg Drop DbChange Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
glob Mgmt Redir Attr ChgDb Change Trap	glob Mgmt Redir Attr ChgDb Change Trap	glob Mgmt Redir Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
slHost Add DbChange Trap	slHost Add DbChange Trap	slHost Add DbChange Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
slHost Mod DbChange Trap	slHost Mod DbChange Trap	slHost Mod DbChange Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
slHost Del DbChange Trap	slHost Del DbChange Trap	slHost Del DbChange Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
slFile Add DbChange Trap	slFile Add DbChange Trap	slFile Add DbChange Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
slFile Mod DbChange Trap	slFile Mod DbChange Trap	slFile Mod DbChange Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
slFile Del DbChange Trap	slFile Del DbChange Trap	slFile Del DbChange Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
panel Unplugged Trap	panel Unplugged Trap	panel Unplugged Trap	N	IManagedElement	F	F	F	F	F	maj	F	T	F
glob Access ModeChg Trap	glob Access ModeChg Trap	glob Access ModeChg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
glob User Attr Chg Trap	glob User Attr Chg Trap	glob User Attr Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
glob Login Attr Chg Trap	glob Login Attr Chg Trap	glob Login Attr Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
File OpSucc Trap	File OpSucc Trap	File OpSucc Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
File OpFail Trap	File OpFail Trap	File OpFail Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Ntp Auth Trap	Ntp Auth Trap	Ntp Auth Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Bits Alm Chg Trap	Bits Alm Chg Trap	Bits Alm Chg Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Bits ClkUp Trap	Bits ClkUp Trap	Bits ClkUp Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Bits ClkDn Trap	Bits ClkDn Trap	Bits ClkDn Trap	N	IManagedElement	F	F	F	F	F	maj	F	T	F
pcm Aps Grp Added Trap	pcm Aps Grp Added Trap	pcm Aps Grp Added Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm Aps Grp Deleted Trap	pcm Aps Grp Deleted Trap	pcm Aps Grp Deleted Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Aps Grp Attr ChgDb Change Trap	pcm Aps Grp Attr ChgDb Change Trap	pcm Aps Grp Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Aps Grp Online Trap	pcm Aps Grp Online Trap	pcm Aps Grp Online Trap	N	IManagedElement	F	F	F	F	F	info	F	T	F
pcm Aps Grp Offline Trap	pcm Aps Grp Offline Trap	pcm Aps Grp Offline Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Aps Mode Mismatch Trap	pcm Aps Mode Mismatch Trap	pcm Aps Mode Mismatch Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Aps Chan Mismatch Trap	pcm Aps Chan Mismatch Trap	pcm Aps Chan Mismatch Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Aps PSBF Trap	pcm Aps PSBF Trap	pcm Aps PSBF Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Aps FEPLF Trap	pcm Aps FEPLF Trap	pcm Aps FEPLF Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Aps Chn Added Trap	pcm Aps Chn Added Trap	pcm Aps Chn Added Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Aps Chn Deleted Trap	pcm Aps Chn Deleted Trap	pcm Aps Chn Deleted Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm Aps Chn Attr ChgDb Change Trap	pcm Aps Chn Attr ChgDb Change Trap	pcm Aps Chn Attr ChgDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
pcm Aps Chn SwoDb Change Trap	pcm Aps Chn SwoDb Change Trap	pcm Aps Chn SwoDb Change Trap	N	IManagedElement	F	F	F	F	F	min	F	T	F
shelf Attr ChangeDb Change Trap	shelf Attr ChangeDb Change Trap	shelf Attr ChangeDb Change Trap	N	IManagedElement	F	F	F	F	F	wrn	F	T	F
Fan Shut Dn Trap	Fan Shut Dn Trap	Fan Shut Dn Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
env1 Trap	env1 Trap	env1 Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
env2 Trap	env2 Trap	env2 Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
env3 Trap	env3 Trap	env3 Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
env4 Trap	env4 Trap	env4 Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Tm Fuse Open Trap	Tm Fuse Open Trap	Tm Fuse Open Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Fire Cond Trap	Fire Cond Trap	Fire Cond Trap	N	IManagedElement	F	F	F	0	F	critical	F	T	F
pcm Vt Attr Chg Db Change Trap	pcm Vt Attr Chg Db Change Trap	pcm Vt Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Vt Admin Chg Trap	pcm Vt Admin Chg Trap	pcm Vt Admin Chg Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
pcm Vt Admin Chg Trap	pcm Vt Admin Chg Trap	pcm Vt Admin Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm Vt Admin Chg Trap	pcm Vt Admin Chg Trap	pcm Vt Admin Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Vt Online Trap	pcm Vt Online Trap	pcm Vt Online Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Vt AIS Trap	pcm Vt AIS Trap	pcm Vt AIS Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Vt LOP Trap	pcm Vt LOP Trap	pcm Vt LOP Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Vt UNEQ Trap	pcm Vt UNEQ Trap	pcm Vt UNEQ Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Vt PLM Trap	pcm Vt PLM Trap	pcm Vt PLM Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Vt RDI Trap	pcm Vt RDI Trap	pcm Vt RDI Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Vt UAS Trap	pcm Vt UAS Trap	pcm Vt UAS Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Vt ERDI Trap	pcm Vt ERDI Trap	pcm Vt ERDI Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Vt Fe UAS Trap	pcm Vt Fe UAS Trap	pcm Vt Fe UAS Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Vtg Attr Chg Db Change Trap	pcm Vtg Attr Chg Db Change Trap	pcm Vtg Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Ds3 Chn Attr Chg Db Change Trap	pcm Ds3 Chn Attr Chg Db Change Trap	pcm Ds3 Chn Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm Ds3 Chn Chnzn Chg Db Change Trap	pcm Ds3 Chn Chnzn Chg Db Change Trap	pcm Ds3 Chn Chnzn Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Ds3 Chn LOS Trap	pcm Ds3 Chn LOS Trap	pcm Ds3 Chn LOS Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcm Ds3 Chn LOF Trap	pcm Ds3 Chn LOF Trap	pcm Ds3 Chn LOF Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcm Ds3 Chn AIS Trap	pcm Ds3 Chn AIS Trap	pcm Ds3 Chn AIS Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcm Ds3 Chn RAI Trap	pcm Ds3 Chn RAI Trap	pcm Ds3 Chn RAI Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcm Ds3 Chn Lpbk Trap	pcm Ds3 Chn Lpbk Trap	pcm Ds3 Chn Lpbk Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Ds3 Chn Bert Trap	pcm Ds3 Chn Bert Trap	pcm Ds3 Chn Bert Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Ds3 Chn UAS Trap	pcm Ds3 Chn UAS Trap	pcm Ds3 Chn UAS Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Ds3 Chn LCD Trap	pcm Ds3 Chn LCD Trap	pcm Ds3 Chn LCD Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Ds3 Chn Admin Chg Trap	pcm Ds3 Chn Admin Chg Trap	pcm Ds3 Chn Admin Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Ds3 Chn Online Trap	pcm Ds3 Chn Online Trap	pcm Ds3 Chn Online Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm Ds1 Attr Chg Db Change Trap	pcm Ds1 Attr Chg Db Change Trap	pcm Ds1 Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Ds1 Admin Chg Trap	pcm Ds1 Admin Chg Trap	pcm Ds1 Admin Chg Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
pcm Ds1 Admin Chg Trap	pcm Ds1 Admin Chg Trap	pcm Ds1 Admin Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Ds1 Admin Chg Trap	pcm Ds1 Admin Chg Trap	pcm Ds1 Admin Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Ds1 Online Trap	pcm Ds1 Online Trap	pcm Ds1 Online Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
pcm Ds1 LOF Trap	pcm Ds1 LOF Trap	pcm Ds1 LOF Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcm Ds1 AIS Trap	pcm Ds1 AIS Trap	pcm Ds1 AIS Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcm Ds1 RAI Trap	pcm Ds1 RAI Trap	pcm Ds1 RAI Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcm Ds1 Lpbk Trap	pcm Ds1 Lpbk Trap	pcm Ds1 Lpbk Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Ds1 Bert Trap	pcm Ds1 Bert Trap	pcm Ds1 Bert Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Ds1 UAS Trap	pcm Ds1 UAS Trap	pcm Ds1 UAS Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Ds1 LCD Trap	pcm Ds1 LCD Trap	pcm Ds1 LCD Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
Ds1 LOS Trap	Ds1 LOS Trap	Ds1 LOS Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
Ds1 CRC Trap	Ds1 CRC Trap	Ds1 CRC Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Ds1 LOOP Trap	Ds1 LOOP Trap	Ds1 LOOP Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
Ch Brt Start Trap	Ch Brt Start Trap	Ch Brt Start Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ch Brt Stop Trap	Ch Brt Stop Trap	Ch Brt Stop Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Bert Berr Trap	Bert Berr Trap	Bert Berr Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Bndl Added Trap	pcm Bndl Added Trap	pcm Bndl Added Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Bndl Deleted Trap	pcm Bndl Deleted Trap	pcm Bndl Deleted Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Bndl Attr Chg Db Change Trap	pcm Bndl Attr Chg Db Change Trap	pcm Bndl Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Bndl Admin Chg Trap	pcm Bndl Admin Chg Trap	pcm Bndl Admin Chg Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
pcm Bndl Admin Chg Trap	pcm Bndl Admin Chg Trap	pcm Bndl Admin Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Bndl Admin Chg Trap	pcm Bndl Admin Chg Trap	pcm Bndl Admin Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Bndl Online Trap	pcm Bndl Online Trap	pcm Bndl Online Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm Bndl Bert Trap	pcm Bndl Bert Trap	pcm Bndl Bert Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Bert Start Trap	pcm Bert Start Trap	pcm Bert Start Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
pcm Bert Stop Trap	pcm Bert Stop Trap	pcm Bert Stop Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Bndl No Mem Trap	Bndl No Mem Trap	Bndl No Mem Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
Bndl Lops Trap	Bndl Lops Trap	Bndl Lops Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Bndl Init Trap	Bndl Init Trap	Bndl Init Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Bndl Term Trap	Bndl Term Trap	Bndl Term Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Bndl Lpbk Trap	Bndl Lpbk Trap	Bndl Lpbk Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Channel Added Trap	pcm Channel Added Trap	pcm Channel Added Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Channel Deleted Trap	pcm Channel Deleted Trap	pcm Channel Deleted Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Channel Attr Chg Db Change Trap	pcm Channel Attr Chg Db Change Trap	pcm Channel Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Channel Admin Chg Trap	pcm Channel Admin Chg Trap	pcm Channel Admin Chg Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm Channel Admin Chg Trap	pcm Channel Admin Chg Trap	pcm Channel Admin Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Channel Admin Chg Trap	pcm Channel Admin Chg Trap	pcm Channel Admin Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Channel Offline Trap	pcm Channel Offline Trap	pcm Channel Offline Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Channel Online Trap	pcm Channel Online Trap	pcm Channel Online Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
pcm Channel Failed Trap	pcm Channel Failed Trap	pcm Channel Failed Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path AIS Trap	pcm Path AIS Trap	pcm Path AIS Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path RDI Trap	pcm Path RDI Trap	pcm Path RDI Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path ERDI Trap	pcm Path ERDI Trap	pcm Path ERDI Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path LOP Trap	pcm Path LOP Trap	pcm Path LOP Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path UNEQ Trap	pcm Path UNEQ Trap	pcm Path UNEQ Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path PLM Trap	pcm Path PLM Trap	pcm Path PLM Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path DS3 OOF Trap	pcm Path DS3 OOF Trap	pcm Path DS3 OOF Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm Path DS3 AIS Trap	pcm Path DS3 AIS Trap	pcm Path DS3 AIS Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path DS3 YEL Trap	pcm Path DS3 YEL Trap	pcm Path DS3 YEL Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path PLCPLOF Trap	pcm Path PLCPLOF Trap	pcm Path PLCPLOF Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path PLCPYEL Trap	pcm Path PLCPYEL Trap	pcm Path PLCPYEL Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path NBET Trap	pcm Path NBET Trap	pcm Path NBET Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path FBET Trap	pcm Path FBET Trap	pcm Path FBET Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path Lpbk Trap	pcm Path Lpbk Trap	pcm Path Lpbk Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path TIM Trap	pcm Path TIM Trap	pcm Path TIM Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Path Xcon Alm Trap	pcm Path Xcon Alm Trap	pcm Path Xcon Alm Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm Channel Mapping Chg Db Change Trap	pcm Channel Mapping Chg Db Change Trap	pcm Channel Mapping Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Lag Add Db Change Trap	pcm Lag Add Db Change Trap	pcm Lag Add Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm Lag Attr Chg Db Change Trap	pcm Lag Attr Chg Db Change Trap	pcm Lag Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Lag Del Db Change Trap	pcm Lag Del Db Change Trap	pcm Lag Del Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Lag Admin Chg Db Change Trap	pcm Lag Admin Chg Db Change Trap	pcm Lag Admin Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
pcm Lag Admin Chg Db Change Trap	pcm Lag Admin Chg Db Change Trap	pcm Lag Admin Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Lag Admin Chg Db Change Trap	pcm Lag Admin Chg Db Change Trap	pcm Lag Admin Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Lag OffLine Db Change Trap	pcm Lag OffLine Db Change Trap	pcm Lag OffLine Db Change Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcm Lag OnLine Db Change Trap	pcm Lag OnLine Db Change Trap	pcm Lag OnLine Db Change Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
pcm Lag Mbr Add Db Change Trap	pcm Lag Mbr Add Db Change Trap	pcm Lag Mbr Add Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm Lag Mbr Del Db Change Trap	pcm Lag Mbr Del Db Change Trap	pcm Lag Mbr Del Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Lag Mbr Add Done Db Change Trap	pcm Lag Mbr Add Done Db Change Trap	pcm Lag Mbr Add Done Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm Lag Mbr Del Done Db Change Trap	pcm Lag Mbr Del Done Db Change Trap	pcm Lag Mbr Del Done Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Lacp Churn Trap	Lacp Churn Trap	Lacp Churn Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Lacp Mbr Up Trap	Lacp Mbr Up Trap	Lacp Mbr Up Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Lacp Mbr Dn Trap	Lacp Mbr Dn Trap	Lacp Mbr Dn Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
if Add Trap	if Add Trap	if Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
if Del Trap	if Del Trap	if Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
if Attr Chg Db Change Trap	if Attr Chg Db Change Trap	if Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
if Cac Failed Trap	if Cac Failed Trap	if Cac Failed Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
if Cac Un Sub Trap	if Cac Un Sub Trap	if Cac Un Sub Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
if Set Usr Bw Exc Phy Bw Trap	if Set Usr Bw Exc Phy Bw Trap	if Set Usr Bw Exc Phy Bw Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
if Clr Usr Bw Exc Phy Bw Trap	if Clr Usr Bw Exc Phy Bw Trap	if Clr Usr Bw Exc Phy Bw Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
br If Max Mac Reached Trap	br If Max Mac Reached Trap	br If Max Mac Reached Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
br If Max Mac Relearn Trap	br If Max Mac Relearn Trap	br If Max Mac Relearn Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
br If Max Mac High Thresh Trap	br If Max Mac High Thresh Trap	br If Max Mac High Thresh Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br If Max Mac Low Thresh Trap	br If Max Mac Low Thresh Trap	br If Max Mac Low Thresh Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
if Acl Chg Trap	if Acl Chg Trap	if Acl Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
if QoS Chg Trap	if QoS Chg Trap	if QoS Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br If St Mac Add Trap	br If St Mac Add Trap	br If St Mac Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br If St Mac Del Trap	br If St Mac Del Trap	br If St Mac Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
ip If Add Done Trap	ip If Add Done Trap	ip If Add Done Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
gre If Add Done Trap	gre If Add Done Trap	gre If Add Done Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
gre If Del Done Trap	gre If Del Done Trap	gre If Del Done Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
If Mrr Adm Trap	If Mrr Adm Trap	If Mrr Adm Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Irb Bulk Chg Trap	Irb Bulk Chg Trap	Irb Bulk Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
if Arp Fl Chg Trap	if Arp Fl Chg Trap	if Arp Fl Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
If Atm Ntt Ch Trap	If Atm Ntt Ch Trap	If Atm Ntt Ch Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
ckt OnLine Trap	ckt OnLine Trap	ckt OnLine Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
ckt OffLine Trap	ckt OffLine Trap	ckt OffLine Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
ckt Bulk Change Trap	ckt Bulk Change Trap	ckt Bulk Change Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
ckt Global Changed Trap	ckt Global Changed Trap	ckt Global Changed Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ckt Mir TBCh	Ckt Mir TBCh	Ckt Mir TBCh	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ckt Mir SBCh	Ckt Mir SBCh	Ckt Mir SBCh	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
ckt Bndl OnLine Trap	ckt Bndl OnLine Trap	ckt Bndl OnLine Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
ckt Bndl OffLine Trap	ckt Bndl OffLine Trap	ckt Bndl OffLine Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
ckt Bndl Add Mbr Trap	ckt Bndl Add Mbr Trap	ckt Bndl Add Mbr Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
ckt Bndl Del Mbr Trap	ckt Bndl Del Mbr Trap	ckt Bndl Del Mbr Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
ckt Bndl Bulk Change Trap	ckt Bndl Bulk Change Trap	ckt Bndl Bulk Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
ckt Bndl Global Changed Trap	ckt Bndl Global Changed Trap	ckt Bndl Global Changed Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
CB Mir Bulk Trap	CB Mir Bulk Trap	CB Mir Bulk Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
eva Event Ack Trap	eva Event Ack Trap	eva Event Ack Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
eva Bulk Ack Trap	eva Bulk Ack Trap	eva Bulk Ack Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
eva Unack Minor Trap	eva Unack Minor Trap	eva Unack Minor Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
eva Unack Major Trap	eva Unack Major Trap	eva Unack Major Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
eva Event Param Change Trap	eva Event Param Change Trap	eva Event Param Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
eva Hist Wrap Trap	eva Hist Wrap Trap	eva Hist Wrap Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
eva Restart Trap	eva Restart Trap	eva Restart Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
eva Seq Wrap Trap	eva Seq Wrap Trap	eva Seq Wrap Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
eva Conf Trap	eva Conf Trap	eva Conf Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
eva Un resolved Trap	eva Un resolved Trap	eva Un resolved Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
Env Alm Cfg Trap	Env Alm Cfg Trap	Env Alm Cfg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Evt Clr Alm Trap	Evt Clr Alm Trap	Evt Clr Alm Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Lsp Added Trap	mpls Lsp Added Trap	mpls Lsp Added Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Lsp Deleted Trap	mpls Lsp Deleted Trap	mpls Lsp Deleted Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Lsp Attr Change Db Change Trap	mpls Lsp Attr Change Db Change Trap	mpls Lsp Attr Change Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Lsp Standby Trap	mpls Lsp Standby Trap	mpls Lsp Standby Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Lsp Force Path Trap	mpls Lsp Force Path Trap	mpls Lsp Force Path Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Lsp Cfg Update Trap	mpls Lsp Cfg Update Trap	mpls Lsp Cfg Update Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Lsp Updated Trap	mpls Lsp Updated Trap	mpls Lsp Updated Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Lsp Optimized Db Change Trap	mpls Lsp Optimized Db Change Trap	mpls Lsp Optimized Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
mpls Lsp Remote Dt Chg Db Change Trap	mpls Lsp Remote Dt Chg Db Change Trap	mpls Lsp Remote Dt Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Lsp B Attr Ch Trap	Lsp B Attr Ch Trap	Lsp B Attr Ch Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Lsp B Adm Ch Trap	Lsp B Adm Ch Trap	Lsp B Adm Ch Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
dhcp Relay Ip Fwd Prot Udp Port Add Trap	dhcp Relay Ip Fwd Prot Udp Port Add Trap	dhcp Relay Ip Fwd Prot Udp Port Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
dhcp Relay Ip Fwd Prot Udp Port Del Trap	dhcp Relay Ip Fwd Prot Udp Port Del Trap	dhcp Relay Ip Fwd Prot Udp Port Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
dhcp Relay Inst Attr Chg Trap	dhcp Relay Inst Attr Chg Trap	dhcp Relay Inst Attr Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
dhcp Relay Ip Helper Addr Add Trap	dhcp Relay Ip Helper Addr Add Trap	dhcp Relay Ip Helper Addr Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
dhcp Relay Ip Helper Addr Del Trap	dhcp Relay Ip Helper Addr Del Trap	dhcp Relay Ip Helper Addr Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
dhcp Relay Intf Attr Chg Trap	dhcp Relay Intf Attr Chg Trap	dhcp Relay Intf Attr Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
dhcp Relay Intf Admin State Chg Trap	dhcp Relay Intf Admin State Chg Trap	dhcp Relay Intf Admin State Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
dhcp Relay Intf Online Trap	dhcp Relay Intf Online Trap	dhcp Relay Intf Online Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
dhcp Relay Intf Offline Trap	dhcp Relay Intf Offline Trap	dhcp Relay Intf Offline Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Pl Adr Thr Trap	Pl Adr Thr Trap	Pl Adr Thr Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Srv Adr Thr Trap	Srv Adr Thr Trap	Srv Adr Thr Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Bup Trap	db Bup Trap	db Bup Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Res Trap	db Res Trap	db Res Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Copy Trap	db Copy Trap	db Copy Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Abt Trap	db Abt Trap	db Abt Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Inv Trap	db Inv Trap	db Inv Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Con Del Trap	db Con Del Trap	db Con Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Con Chg Trap	db Con Chg Trap	db Con Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Val Trap	db Val Trap	db Val Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Bak End Trap	db Bak End Trap	db Bak End Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Res End Trap	db Res End Trap	db Res End Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
db Copy End Trap	db Copy End Trap	db Copy End Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Validate End Trap	db Validate End Trap	db Validate End Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Set Config End Trap	db Set Config End Trap	db Set Config End Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Config Desc Chg Trap	db Config Desc Chg Trap	db Config Desc Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Checksum Trap	db Checksum Trap	db Checksum Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db No Marker Cfg Trap	db No Marker Cfg Trap	db No Marker Cfg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
db Not Up To Date Cfg Trap	db Not Up To Date Cfg Trap	db Not Up To Date Cfg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
tellabs snmp Cold Start Trap	tellabs snmp Cold Start Trap	tellabs snmp Cold Start Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
tellabs snmp Warm Start Trap	tellabs snmp Warm Start Trap	tellabs snmp Warm Start Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
tellabs snmp Link Down Trap	tellabs snmp Link Down Trap	tellabs snmp Link Down Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
tellabs snmp Auth Fail Trap	tellabs snmp Auth Fail Trap	tellabs snmp Auth Fail Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
snmp Community Add Trap	snmp Community Add Trap	snmp Community Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp Community Del Trap	snmp Community Del Trap	snmp Community Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp Attr Change Db Change Trap	snmp Attr Change Db Change Trap	snmp Attr Change Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
trap Client Add Trap	trap Client Add Trap	trap Client Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
trap Client Del Trap	trap Client Del Trap	trap Client Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
trap Attr Change Db Change Trap	trap Attr Change Db Change Trap	trap Attr Change Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp Targ Addr Add Trap	snmp Targ Addr Add Trap	snmp Targ Addr Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp Targ Addr Del Trap	snmp Targ Addr Del Trap	snmp Targ Addr Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp Access Deny Trap	snmp Access Deny Trap	snmp Access Deny Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp V3 Engine Id Attr Change Trap	snmp V3 Engine Id Attr Change Trap	snmp V3 Engine Id Attr Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
snmp V3 Context Add Trap	snmp V3 Context Add Trap	snmp V3 Context Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp v3 Context Del Trap	snmp v3 Context Del Trap	snmp v3 Context Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp V3 Security Add Trap	snmp V3 Security Add Trap	snmp V3 Security Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp V3 Security Del Trap	snmp V3 Security Del Trap	snmp V3 Security Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp V3 Security Attr Change Db Change Trap	snmp V3 Security Attr Change Db Change Trap	snmp V3 Security Attr Change Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp V3 Access Add Trap	snmp V3 Access Add Trap	snmp V3 Access Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp V3 Access Del Trap	snmp V3 Access Del Trap	snmp V3 Access Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp V3 Access Attr Change Db Change Trap	snmp V3 Access Attr Change Db Change Trap	snmp V3 Access Attr Change Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp V3 User Add Trap	snmp V3 User Add Trap	snmp V3 User Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp V3 User Del Trap	snmp V3 User Del Trap	snmp V3 User Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
snmp V3 User Attr Change Db Change Trap	snmp V3 User Attr Change Db Change Trap	snmp V3 User Attr Change Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp V3 Targ Params Add Trap	snmp V3 Targ Params Add Trap	snmp V3 Targ Params Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp V3 Targ Params Del Trap	snmp V3 Targ Params Del Trap	snmp V3 Targ Params Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
snmp V3 Targ Params Attr Change Db Change Trap	snmp V3 Targ Params Attr Change Db Change Trap	snmp V3 Targ Params Attr Change Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ctl Attr Chg Trap	Ctl Attr Chg Trap	Ctl Attr Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
cli Login Failure Trap	cli Login Failure Trap	cli Login Failure Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
cLI Login Trap	cLI Login Trap	cLI Login Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
cLI Logout Trap	cLI Logout Trap	cLI Logout Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
cLI Pwd Exp Trap	cLI Pwd Exp Trap	cLI Pwd Exp Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
cLI Pwd Warn Trap	cLI Pwd Warn Trap	cLI Pwd Warn Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
cLI Lock Out Trap	cLI Lock Out Trap	cLI Lock Out Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Un Lock Trap	Un Lock Trap	Un Lock Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
Ses In Thres Trap	Ses In Thres Trap	Ses In Thres Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
tem Glbl Attr Change Change Trap	tem Glbl Attr Change Change Trap	tem Glbl Attr Change Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
tem CSPF Clr Counters Trap	tem CSPF Clr Counters Trap	tem CSPF Clr Counters Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
tem If Attr Change Db Change Trap	tem If Attr Change Db Change Trap	tem If Attr Change Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
tem Level Admin Change Trap	tem Level Admin Change Trap	tem Level Admin Change Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
tem Level Admin Change Trap	tem Level Admin Change Trap	tem Level Admin Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
tem Level Admin Change Trap	tem Level Admin Change Trap	tem Level Admin Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
tem Isis If L1 Online Trap	tem Isis If L1 Online Trap	tem Isis If L1 Online Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
tem Isis If L1 Offline Trap	tem Isis If L1 Offline Trap	tem Isis If L1 Offline Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
tem Isis If L2 Online Trap	tem Isis If L2 Online Trap	tem Isis If L2 Online Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
tem Isis If L2 Offline Trap	tem Isis If L2 Offline Trap	tem Isis If L2 Offline Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Circ Admin State Chg Db Change Trap	isis Circ Admin State Chg Db Change Trap	isis Circ Admin State Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
isis Circ Admin State Chg Db Change Trap	isis Circ Admin State Chg Db Change Trap	isis Circ Admin State Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Circ Admin State Chg Db Change Trap	isis Circ Admin State Chg Db Change Trap	isis Circ Admin State Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Circ Attr Chg Db Change Trap	isis Circ Attr Chg Db Change Trap	isis Circ Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Circ Level Attr Chg Db Change Trap	isis Circ Level Attr Chg Db Change Trap	isis Circ Level Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
isis Circ Clear Action Trap	isis Circ Clear Action Trap	isis Circ Clear Action Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Glbl Admin State Chg Db Change Trap	isis Glbl Admin State Chg Db Change Trap	isis Glbl Admin State Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
isis Glbl Admin State Chg Db Change Trap	isis Glbl Admin State Chg Db Change Trap	isis Glbl Admin State Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Glbl Admin State Chg Db Change Trap	isis Glbl Admin State Chg Db Change Trap	isis Glbl Admin State Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Glbl Attr Chg Db Change Trap	isis Glbl Attr Chg Db Change Trap	isis Glbl Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Glbl Level Attr Chg Db Change Trap	isis Glbl Level Attr Chg Db Change Trap	isis Glbl Level Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Glbl Clear Action Trap	isis Glbl Clear Action Trap	isis Glbl Clear Action Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Area Add Trap	isis Area Add Trap	isis Area Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Area Del Trap	isis Area Del Trap	isis Area Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
isis Redist Add Trap	isis Redist Add Trap	isis Redist Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Redist Attr Chg Trap	isis Redist Attr Chg Trap	isis Redist Attr Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Redist Del Trap	isis Redist Del Trap	isis Redist Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Summ Add Trap	isis Summ Add Trap	isis Summ Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Summ Attr Chg Db Change Trap	isis Summ Attr Chg Db Change Trap	isis Summ Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Summ Del Trap	isis Summ Del Trap	isis Summ Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Circ Online Trap	isis Circ Online Trap	isis Circ Online Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
isis Circ Offline Trap	isis Circ Offline Trap	isis Circ Offline Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Glbl Online Trap	isis Glbl Online Trap	isis Glbl Online Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
isis Glbl Offline Trap	isis Glbl Offline Trap	isis Glbl Offline Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Hello Auth Fail Trap	isis Hello Auth Fail Trap	isis Hello Auth Fail Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Adj Rejected Trap	isis Adj Rejected Trap	isis Adj Rejected Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
isis Id Len Mismatches Trap	isis Id Len Mismatches Trap	isis Id Len Mismatches Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis L1 Dis Chg Trap	isis L1 Dis Chg Trap	isis L1 Dis Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis L2 Dis Chg Trap	isis L2 Dis Chg Trap	isis L2 Dis Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Nbr State Chg Trap	isis Nbr State Chg Trap	isis Nbr State Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Glbl Auth Fail Trap	isis Glbl Auth Fail Trap	isis Glbl Auth Fail Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Area Mismatch Trap	isis Area Mismatch Trap	isis Area Mismatch Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Attach State Chg Trap	isis Attach State Chg Trap	isis Attach State Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Max Area Addr Mismatch Trap	isis Max Area Addr Mismatch Trap	isis Max Area Addr Mismatch Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis L1 Db Overload State Chg Trap	isis L1 Db Overload State Chg Trap	isis L1 Db Overload State Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis L2 Db Overload State Chg Trap	isis L2 Db Overload State Chg Trap	isis L2 Db Overload State Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
isis Man Area Drop From Area Trap	isis Man Area Drop From Area Trap	isis Man Area Drop From Area Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Corr Lsp Detected Trap	isis Corr Lsp Detected Trap	isis Corr Lsp Detected Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Att To Exc Max Seq Number Trap	isis Att To Exc Max Seq Number Trap	isis Att To Exc Max Seq Number Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Seq Num Skip Trap	isis Seq Num Skip Trap	isis Seq Num Skip Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
isis Own Lsp Purge Trap	isis Own Lsp Purge Trap	isis Own Lsp Purge Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Path Add Trap	mpls Path Add Trap	mpls Path Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Path Del Trap	mpls Path Del Trap	mpls Path Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Path Ch Trap	mpls Path Ch Trap	mpls Path Ch Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Hop Add Trap	mpls Hop Add Trap	mpls Hop Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Hop Syn Trap	mpls Hop Syn Trap	mpls Hop Syn Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Hop Chg Trap	mpls Hop Chg Trap	mpls Hop Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
mpls Lsr Id Changed Trap	mpls Lsr Id Changed Trap	mpls Lsr Id Changed Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Attri Changed Trap	mpls Attri Changed Trap	mpls Attri Changed Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Global Changed Trap	mpls Global Changed Trap	mpls Global Changed Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Lsp Glbl Attr Chg Trap	mpls Lsp Glbl Attr Chg Trap	mpls Lsp Glbl Attr Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Rsvp Intf Add Trap	mpls Rsvp Intf Add Trap	mpls Rsvp Intf Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Rsvp Intf Del Trap	mpls Rsvp Intf Del Trap	mpls Rsvp Intf Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Rsvp Intf Attr Chg Trap	mpls Rsvp Intf Attr Chg Trap	mpls Rsvp Intf Attr Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
mpls Rsvp Glbl Attr Chg Trap	mpls Rsvp Glbl Attr Chg Trap	mpls Rsvp Glbl Attr Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
rt In Max Rt Max Threshold Trap	rt In Max Rt Max Threshold Trap	rt In Max Rt Max Threshold Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
rt In Max Rt Min Threshold Trap	rt In Max Rt Min Threshold Trap	rt In Max Rt Min Threshold Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
rt In Max Rt Exceed Action Trap	rt In Max Rt Exceed Action Trap	rt In Max Rt Exceed Action Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
rt In Max Rt Exceed Clear Trap	rt In Max Rt Exceed Clear Trap	rt In Max Rt Exceed Clear Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
rt In Add Trap	rt In Add Trap	rt In Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
rt In Del Trap	rt In Del Trap	rt In Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
rt In Attr Chg Db Change Trap	rt In Attr Chg Db Change Trap	rt In Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
rt In Admin Chg Trap	rt In Admin Chg Trap	rt In Admin Chg Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
rt In Admin Chg Trap	rt In Admin Chg Trap	rt In Admin Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
rt In Admin Chg Trap	rt In Admin Chg Trap	rt In Admin Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
rt In Oper Up Trap	rt In Oper Up Trap	rt In Oper Up Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
rt In Oper Down Trap	rt In Oper Down Trap	rt In Oper Down Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br In Add Trap	br In Add Trap	br In Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br In Del Trap	br In Del Trap	br In Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br In Attr Chg Db Change Trap	br In Attr Chg Db Change Trap	br In Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br In Admin Chg Trap	br In Admin Chg Trap	br In Admin Chg Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
br In Admin Chg Trap	br In Admin Chg Trap	br In Admin Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br In Admin Chg Trap	br In Admin Chg Trap	br In Admin Chg Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br In Oper Up Trap	br In Oper Up Trap	br In Oper Up Trap	N	IManagedElement	F	F	F	0	F	Info	F	T	F
br In Oper Down Trap	br In Oper Down Trap	br In Oper Down Trap	N	IManagedElement	F	F	F	0	F	critical	F	T	F
br In PE Add Trap	br In PE Add Trap	br In PE Add Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br In PE Del Trap	br In PE Del Trap	br In PE Del Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
	br In PE Attr Chg Db Change Trap	br In PE Attr Chg Db Change Trap	N	IManagedElement	F	F	F	0	F		F	T	F
br-In-PE-Admin-Chg-V2Trap	br-In-PE-Admin-Chg-V2Trap	br-In-PE-Admin-Chg-V2Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
br-In-PE-Admin-Chg-V2Trap	br-In-PE-Admin-Chg-V2Trap	br-In-PE-Admin-Chg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br-In-PE-Admin-Chg-V2Trap	br-In-PE-Admin-Chg-V2Trap	br-In-PE-Admin-Chg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br-In-PE-Oper-Up-V2Trap	br-In-PE-Oper-Up-V2Trap	br-In-PE-Oper-Up-V2Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
br-In-PE-Oper-Down-V2Trap	br-In-PE-Oper-Down-V2Trap	br-In-PE-Oper-Down-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br-In-PE-St-Mac-Add-V2Trap	br-In-PE-St-Mac-Add-V2Trap	br-In-PE-St-Mac-Add-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br-In-PE-St-Mac-Del-V2Trap	br-In-PE-St-Mac-Del-V2Trap	br-In-PE-St-Mac-Del-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br-In-St-Mac-Add-V2Trap	br-In-St-Mac-Add-V2Trap	br-In-St-Mac-Add-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br-In-St-Mac-Del-V2Trap	br-In-St-Mac-Del-V2Trap	br-In-St-Mac-Del-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
eth-Oam-New-Remote-Mep-V2Trap	eth-Oam-New-Remote-Mep-V2Trap	eth-Oam-New-Remote-Mep-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
eth-Oam-Remote-Mep-LossOfCC-V2Trap	eth-Oam-Remote-Mep-LossOfCC-V2Trap	eth-Oam-Remote-Mep-LossOfCC-V2Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
eth-Oam-Remote-Mep-CCRestored-V2Trap	eth-Oam-Remote-Mep-CCRestored-V2Trap	eth-Oam-Remote-Mep-CCRestored-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br-In-Map-Stp-V2Trap	br-In-Map-Stp-V2Trap	br-In-Map-Stp-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br-In-Unmap-Stp-V2Trap	br-In-Unmap-Stp-V2Trap	br-In-Unmap-Stp-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Brg-High-Th-V2 Trap	Brg-High-Th-V2 Trap	Brg-High-Th-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Brg-Low-Th-V2Trap	Brg-Low-Th-V2Trap	Brg-Low-Th-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Brg-Rlrm-Th-V2Trap	Brg-Rlrm-Th-V2Trap	Brg-Rlrm-Th-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Brg-Mx-Mac-Th-V2Trap	Brg-Mx-Mac-Th-V2Trap	Brg-Mx-Mac-Th-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Br-In-Dup-Mac-V2Trap	Br-In-Dup-Mac-V2Trap	Br-In-Dup-Mac-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
stp-In-Add-V2Trap	stp-In-Add-V2Trap	stp-In-Add-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
stp-In-Del-V2Trap	stp-In-Del-V2Trap	stp-In-Del-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
stp-In-Attr-Chg-V2Trap	stp-In-Attr-Chg-V2Trap	stp-In-Attr-Chg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
stp-In-Admin-Chg-V2Trap	stp-In-Admin-Chg-V2Trap	stp-In-Admin-Chg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
stp-Mst-Add-V2Trap	stp-Mst-Add-V2Trap	stp-Mst-Add-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
stp-Mst-Del-V2Trap	stp-Mst-Del-V2Trap	stp-Mst-Del-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
stp-Mst-Attr-Chg-V2Trap	stp-Mst-Attr-Chg-V2Trap	stp-Mst-Attr-Chg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
stp-Port-Attr-Chg-V2Trap	stp-Port-Attr-Chg-V2Trap	stp-Port-Attr-Chg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
stp-Port-BpduExchange-V2Trap	stp-Port-BpduExchange-V2Trap	stp-Port-BpduExchange-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
stp-Port-Online-V2Trap	stp-Port-Online-V2Trap	stp-Port-Online-V2Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
stp-Port-Offline-V2Trap	stp-Port-Offline-V2Trap	stp-Port-Offline-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
stp-Port-RoleState-Change-V2Trap	stp-Port-RoleState-Change-V2Trap	stp-Port-RoleState-Change-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Stp-Port-Del	Stp-Port-Del	Stp-Port-Del	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
New-Re-Mep	New-Re-Mep	New-Re-Mep	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Re-Mep-Loc	Re-Mep-Loc	Re-Mep-Loc	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Re-Mep-Back	Re-Mep-Back	Re-Mep-Back	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Md-Add	Md-Add	Md-Add	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Md-Del	Md-Del	Md-Del	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ma-Atr-Chg	Ma-Atr-Chg	Ma-Atr-Chg	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ma-Add	Ma-Add	Ma-Add	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ma-Del	Ma-Del	Ma-Del	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Mep-Atr-Chg	Mep-Atr-Chg	Mep-Atr-Chg	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Mep-Add	Mep-Add	Mep-Add	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Mep-Del	Mep-Del	Mep-Del	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Ext-Ma-Chg	Ext-Ma-Chg	Ext-Ma-Chg	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ext-Glb-Chg	Ext-Glb-Chg	Ext-Glb-Chg	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
qos-Group-Add-V2Trap	qos-Group-Add-V2Trap	qos-Group-Add-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
qos-Group-Del-V2Trap	qos-Group-Del-V2Trap	qos-Group-Del-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
qos-Group-Chg-V2Trap	qos-Group-Chg-V2Trap	qos-Group-Chg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br-Dot1p-In-Map-Attr-Change-V2Trap	br-Dot1p-In-Map-Attr-Change-V2Trap	br-Dot1p-In-Map-Attr-Change-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
br-Dot1p-Out-Map-Attr-Change-V2Trap	br-Dot1p-Out-Map-Attr-Change-V2Trap	br-Dot1p-Out-Map-Attr-Change-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
qos-TP-Added-V2Trap	qos-TP-Added-V2Trap	qos-TP-Added-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
qos-TP-Deleted-V2Trap	qos-TP-Deleted-V2Trap	qos-TP-Deleted-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
qos-TP-Attr-Change-V2Trap	qos-TP-Attr-Change-V2Trap	qos-TP-Attr-Change-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
qos-TP-Ladded-V2Trap	qos-TP-Ladded-V2Trap	qos-TP-Ladded-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
qos-TPL-Deleted-V2Trap	qos-TPL-Deleted-V2Trap	qos-TPL-Deleted-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
qos-TPL-Rule-Added-V2Trap	qos-TPL-Rule-Added-V2Trap	qos-TPL-Rule-Added-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
qos-TPL-Rule-Deleted-V2Trap	qos-TPL-Rule-Deleted-V2Trap	qos-TPL-Rule-Deleted-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
qos-Dscp-Map-Out-Attr-Change-V2Trap	qos-Dscp-Map-Out-Attr-Change-V2Trap	qos-Dscp-Map-Out-Attr-Change-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
qos-TPL-Rule-Attr-Change-V2Trap	qos-TPL-Rule-Attr-Change-V2Trap	qos-TPL-Rule-Attr-Change-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ppg-Grp-Added-V2Trap	pcm-Ppg-Grp-Added-V2Trap	pcm-Ppg-Grp-Added-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ppg-Grp-Deleted-V2Trap	pcm-Ppg-Grp-Deleted-V2Trap	pcm-Ppg-Grp-Deleted-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ppg-Grp-Attr-ChgDb-Change-V2Trap	pcm-Ppg-Grp-Attr-ChgDb-Change-V2Trap	pcm-Ppg-Grp-Attr-ChgDb-Change-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ppg-Grp-Online-V2Trap	pcm-Ppg-Grp-Online-V2Trap	pcm-Ppg-Grp-Online-V2Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
pcm-Ppg-Grp-Offline-V2Trap	pcm-Ppg-Grp-Offline-V2Trap	pcm-Ppg-Grp-Offline-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm-Ppg-Chn-Added-V2Trap	pcm-Ppg-Chn-Added-V2Trap	pcm-Ppg-Chn-Added-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ppg-Chn-Deleted-V2Trap	pcm-Ppg-Chn-Deleted-V2Trap	pcm-Ppg-Chn-Deleted-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ppg-Chn-Attr-ChgDb-Change-V2Trap	pcm-Ppg-Chn-Attr-ChgDb-Change-V2Trap	pcm-Ppg-Chn-Attr-ChgDb-Change-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ppg-Chn-SwoDbChange-V2Trap	pcm-Ppg-Chn-SwoDbChange-V2Trap	pcm-Ppg-Chn-SwoDbChange-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
traffic-Filter-Added-V2Trap	traffic-Filter-Added-V2Trap	traffic-Filter-Added-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
traffic-Filter-Deleted-V2Trap	traffic-Filter-Deleted-V2Trap	traffic-Filter-Deleted-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
traffic-Filter-Attr-Change-V2Trap	traffic-Filter-Attr-Change-V2Trap	traffic-Filter-Attr-Change-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
traffic-Filter-Rule-Added-V2Trap	traffic-Filter-Rule-Added-V2Trap	traffic-Filter-Rule-Added-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
traffic-Filter-Rule-Deleted-V2Trap	traffic-Filter-Rule-Deleted-V2Trap	traffic-Filter-Rule-Deleted-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
traffic-Filter-Rule-Mirr-Attr-Chg-V2Trap	traffic-Filter-Rule-Mirr-Attr-Chg-V2Trap	traffic-Filter-Rule-Mirr-Attr-Chg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Added-V2Trap	pcm-Ima-Added-V2Trap	pcm-Ima-Added-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Deleted-V2Trap	pcm-Ima-Deleted-V2Trap	pcm-Ima-Deleted-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Attr-ChgDb-Change-V2Trap	pcm-Ima-Attr-ChgDb-Change-V2Trap	pcm-Ima-Attr-ChgDb-Change-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Admin-Chg-V2Trap	pcm-Ima-Admin-Chg-V2Trap	pcm-Ima-Admin-Chg-V2Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
pcm-Ima-Admin-Chg-V2Trap	pcm-Ima-Admin-Chg-V2Trap	pcm-Ima-Admin-Chg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Admin-Chg-V2Trap	pcm-Ima-Admin-Chg-V2Trap	pcm-Ima-Admin-Chg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Online-V2Trap	pcm-Ima-Online-V2Trap	pcm-Ima-Online-V2Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
pcm-Ima-Link-Added-V2Trap	pcm-Ima-Link-Added-V2Trap	pcm-Ima-Link-Added-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Link-Deleted-V2Trap	pcm-Ima-Link-Deleted-V2Trap	pcm-Ima-Link-Deleted-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm-Ima-Gr-Startup-Fe-V2Trap	pcm-Ima-Gr-Startup-Fe-V2Trap	pcm-Ima-Gr-Startup-Fe-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Gr-Cfg-Abort-V2Trap	pcm-Ima-Gr-Cfg-Abort-V2Trap	pcm-Ima-Gr-Cfg-Abort-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Gr-Cfg-Abort-Fe-V2Trap	pcm-Ima-Gr-Cfg-Abort-Fe-V2Trap	pcm-Ima-Gr-Cfg-Abort-Fe-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Gr-InsuffLinks-V2Trap	pcm-Ima-Gr-InsuffLinks-V2Trap	pcm-Ima-Gr-InsuffLinks-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Gr-InsuffLinks-Fe-V2Trap	pcm-Ima-Gr-InsuffLinks-Fe-V2Trap	pcm-Ima-Gr-InsuffLinks-Fe-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Gr-Blocked-Fe-V2Trap	pcm-Ima-Gr-Blocked-Fe-V2Trap	pcm-Ima-Gr-Blocked-Fe-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Gr-Timing-Sync-V2Trap	pcm-Ima-Gr-Timing-Sync-V2Trap	pcm-Ima-Gr-Timing-Sync-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Gr-GTSM-Down-V2Trap	pcm-Ima-Gr-GTSM-Down-V2Trap	pcm-Ima-Gr-GTSM-Down-V2Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
pcm-Ima-Gr-XC-Alarm-V2Trap	pcm-Ima-Gr-XC-Alarm-V2Trap	pcm-Ima-Gr-XC-Alarm-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-Gr-Uas-V2Trap	pcm-Ima-Gr-Uas-V2Trap	pcm-Ima-Gr-Uas-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm-lma-gr-all-lnkdown-v2trap	pcm-lma-gr-all-lnkdown-v2trap	pcm-lma-gr-all-lnkdown-v2trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-lma-lnkonline-v2trap	pcm-lma-lnkonline-v2trap	pcm-lma-lnkonline-v2trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
pcm-lma-lnklif-v2trap	pcm-lma-lnklif-v2trap	pcm-lma-lnklif-v2trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-lma-lnklods-v2trap	pcm-lma-lnklods-v2trap	pcm-lma-lnklods-v2trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-lma-lnkrfi-v2trap	pcm-lma-lnkrfi-v2trap	pcm-lma-lnkrfi-v2trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-lma-lnktx-miscon-v2trap	pcm-lma-lnktx-miscon-v2trap	pcm-lma-lnktx-miscon-v2trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-lma-lnkrx-miscon-v2trap	pcm-lma-lnkrx-miscon-v2trap	pcm-lma-lnkrx-miscon-v2trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-lma-lnktx-fault-v2trap	pcm-lma-lnktx-fault-v2trap	pcm-lma-lnktx-fault-v2trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-lma-lnkrx-fault-v2trap	pcm-lma-lnkrx-fault-v2trap	pcm-lma-lnkrx-fault-v2trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-lma-lnktx-unuse-fe-v2trap	pcm-lma-lnktx-unuse-fe-v2trap	pcm-lma-lnktx-unuse-fe-v2trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
pcm-Ima-LnkRxUnuse-Fe-V2Trap	pcm-Ima-LnkRxUnuse-Fe-V2Trap	pcm-Ima-LnkRxUnuse-Fe-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-LnkUas-V2Trap	pcm-Ima-LnkUas-V2Trap	pcm-Ima-LnkUas-V2Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm-Ima-LnkUas-Fe-V2Trap	pcm-Ima-LnkUas-Fe-V2Trap	pcm-Ima-LnkUas-Fe-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
pcm-Ima-LnkNotAct-V2Trap	pcm-Ima-LnkNotAct-V2Trap	pcm-Ima-LnkNotAct-V2Trap	N	IManagedElement	F	F	F	0	F	min	F	T	F
pcm-Ima-LnkAttr-Chg-V2Trap	pcm-Ima-LnkAttr-Chg-V2Trap	pcm-Ima-LnkAttr-Chg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-Add-V2Trap	Vcg-Gr-Add-V2Trap	Vcg-Gr-Add-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-Del-V2Trap	Vcg-Gr-Del-V2Trap	Vcg-Gr-Del-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-AtrCh-V2Trap	Vcg-Gr-AtrCh-V2Trap	Vcg-Gr-AtrCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-AdmCh-V2Trap	Vcg-Gr-AdmCh-V2Trap	Vcg-Gr-AdmCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-Onlin-V2Trap	Vcg-Gr-Onlin-V2Trap	Vcg-Gr-Onlin-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Mbr-Add-V2Trap	Vcg-Mbr-Add-V2Trap	Vcg-Mbr-Add-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Mbr-Del-V2Trap	Vcg-Mbr-Del-V2Trap	Vcg-Mbr-Del-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Vcg-Gr-Lom-V2Trap	Vcg-Gr-Lom-V2Trap	Vcg-Gr-Lom-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-Sqm-V2Trap	Vcg-Gr-Sqm-V2Trap	Vcg-Gr-Sqm-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-Loa-V2Trap	Vcg-Gr-Loa-V2Trap	Vcg-Gr-Loa-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-Lfd-V2Trap	Vcg-Gr-Lfd-V2Trap	Vcg-Gr-Lfd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-Locs-V2Trap	Vcg-Gr-Locs-V2Trap	Vcg-Gr-Locs-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-Loccs-V2Trap	Vcg-Gr-Loccs-V2Trap	Vcg-Gr-Loccs-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-Xconn-V2Trap	Vcg-Gr-Xconn-V2Trap	Vcg-Gr-Xconn-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-MbrDn-V2Trap	Vcg-Gr-MbrDn-V2Trap	Vcg-Gr-MbrDn-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-MAtCh-V2Trap	Vcg-Gr-MAtCh-V2Trap	Vcg-Gr-MAtCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-MisM-V2Trap	Vcg-Gr-MisM-V2Trap	Vcg-Gr-MisM-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-FLoC-V2Trap	Vcg-Gr-FLoC-V2Trap	Vcg-Gr-FLoC-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Gr-InfEv-V2Trap	Vcg-Gr-InfEv-V2Trap	Vcg-Gr-InfEv-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vcg-Pt-AtrCh-V2Trap	Vcg-Pt-AtrCh-V2Trap	Vcg-Pt-AtrCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Ont-Los-V2Trap	Ont-Los-V2Trap	Ont-Los-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Sf-V2Trap	Ont-Sf-V2Trap	Ont-Sf-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Sd-V2Trap	Ont-Sd-V2Trap	Ont-Sd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Lof-V2Trap	Ont-Lof-V2Trap	Ont-Lof-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Lcd-V2Trap	Ont-Lcd-V2Trap	Ont-Lcd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Cpe-V2Trap	Ont-Cpe-V2Trap	Ont-Cpe-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Loa-V2Trap	Ont-Loa-V2Trap	Ont-Loa-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Dg-V2Trap	Ont-Dg-V2Trap	Ont-Dg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Oaml-V2Trap	Ont-Oaml-V2Trap	Ont-Oaml-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Rdi-V2Trap	Ont-Rdi-V2Trap	Ont-Rdi-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Suf-V2Trap	Ont-Suf-V2Trap	Ont-Suf-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Sdf-V2Trap	Ont-Sdf-V2Trap	Ont-Sdf-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Mea-V2Trap	Ont-Mea-V2Trap	Ont-Mea-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Unexp-Ont-V2Trap	Unexp-Ont-V2Trap	Unexp-Ont-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Oor-V2Trap	Ont-Oor-V2Trap	Ont-Oor-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MEM-V2Trap	MEM-V2Trap	MEM-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Activated-V2Trap	Activated-V2Trap	Activated-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
DeActive-V2Trap	DeActive-V2Trap	DeActive-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
RFUP-V2Trap	RFUP-V2Trap	RFUP-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
LossOfkey-V2Trap	LossOfkey-V2Trap	LossOfkey-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Added-V2Trap	Ont-Added-V2Trap	Ont-Added-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Deleted-V2Trap	Ont-Deleted-V2Trap	Ont-Deleted-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Enable-V2Trap	Ont-Enable-V2Trap	Ont-Enable-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Disable-V2Trap	Ont-Disable-V2Trap	Ont-Disable-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-AttrChg-V2Trap	Ont-AttrChg-V2Trap	Ont-AttrChg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-PortEn-V2Trap	Ont-PortEn-V2Trap	Ont-PortEn-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-PortDis-V2Trap	Ont-PortDis-V2Trap	Ont-PortDis-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-PortChg-V2Trap	Ont-PortChg-V2Trap	Ont-PortChg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-MltTest-V2Trap	Ont-MltTest-V2Trap	Ont-MltTest-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-DbdtTst-V2Trap	Ont-DbdtTst-V2Trap	Ont-DbdtTst-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-ConnTst-V2Trap	Ont-ConnTst-V2Trap	Ont-ConnTst-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Ont-EtLbTst-V2Trap	Ont-EtLbTst-V2Trap	Ont-EtLbTst-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Rogu-OntTst-V2Trap	Rogu-OntTst-V2Trap	Rogu-OntTst-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-RmtDbg-V2Trap	Ont-RmtDbg-V2Trap	Ont-RmtDbg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Mpc-V2Trap	Ont-Mpc-V2Trap	Ont-Mpc-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-DbMis-V2Trap	Ont-DbMis-V2Trap	Ont-DbMis-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Omcc-LinkFl-V2Trap	Omcc-LinkFl-V2Trap	Omcc-LinkFl-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-CatLos-V2Trap	Ont-CatLos-V2Trap	Ont-CatLos-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Pon-CatLos-V2Trap	Pon-CatLos-V2Trap	Pon-CatLos-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-CatSd-V2Trap	Ont-CatSd-V2Trap	Ont-CatSd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Pon-CatSd-V2Trap	Pon-CatSd-V2Trap	Pon-CatSd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-CatOv-V2Trap	Ont-CatOv-V2Trap	Ont-CatOv-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Pon-CatOv-V2Trap	Pon-CatOv-V2Trap	Pon-CatOv-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Dhcp-NoRs-V2Trap	Dhcp-NoRs-V2Trap	Dhcp-NoRs-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Dhcp-IncRs-V2Trap	Dhcp-IncRs-V2Trap	Dhcp-IncRs-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Css-Crdn-V2Trap	Css-Crdn-V2Trap	Css-Crdn-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Css-TcpOse-V2Trap	Css-TcpOse-V2Trap	Css-TcpOse-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Css-SesErr-V2Trap	Css-SesErr-V2Trap	Css-SesErr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Css-AuthErr-V2Trap	Css-AuthErr-V2Trap	Css-AuthErr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Css-TmOut-V2Trap	Css-TmOut-V2Trap	Css-TmOut-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Css-SrvrFl-V2Trap	Css-SrvrFl-V2Trap	Css-SrvrFl-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Csr-Crdn-V2Trap	Csr-Crdn-V2Trap	Csr-Crdn-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Csr-TcpOse-V2Trap	Csr-TcpOse-V2Trap	Csr-TcpOse-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Csr-SesErr-V2Trap	Csr-SesErr-V2Trap	Csr-SesErr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Csr-AuthErr-V2Trap	Csr-AuthErr-V2Trap	Csr-AuthErr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Csr-TmOut-V2Trap	Csr-TmOut-V2Trap	Csr-TmOut-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Csr-SrvrFl-V2Trap	Csr-SrvrFl-V2Trap	Csr-SrvrFl-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Csr-MalDoc	Csr-MalDoc	Csr-MalDoc	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Ua-Crdn-V2Trap	Ua-Crdn-V2Trap	Ua-Crdn-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ua-TcpOse-V2Trap	Ua-TcpOse-V2Trap	Ua-TcpOse-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ua-SesErr-V2Trap	Ua-SesErr-V2Trap	Ua-SesErr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ua-AuthErr-V2Trap	Ua-AuthErr-V2Trap	Ua-AuthErr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ua-TmOut-V2Trap	Ua-TmOut-V2Trap	Ua-TmOut-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ua-SrvrFl-V2Trap	Ua-SrvrFl-V2Trap	Ua-SrvrFl-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-EqFail-V2Trap	Ont-EqFail-V2Trap	Ont-EqFail-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-PwAlm-V2Trap	Ont-PwAlm-V2Trap	Ont-PwAlm-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-BatMis-V2Trap	Ont-BatMis-V2Trap	Ont-BatMis-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-BatFl-V2Trap	Ont-BatFl-V2Trap	Ont-BatFl-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-BatLow-V2Trap	Ont-BatLow-V2Trap	Ont-BatLow-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-LanLos-V2Trap	Ont-LanLos-V2Trap	Ont-LanLos-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-EthLp-V2Trap	Ont-EthLp-V2Trap	Ont-EthLp-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vds-NeLof-V2Trap	Vds-NeLof-V2Trap	Vds-NeLof-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Vds-NeLos-V2Trap	Vds-NeLos-V2Trap	Vds-NeLos-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vds-FeLos-V2Trap	Vds-FeLos-V2Trap	Vds-FeLos-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vds-FeLof-V2Trap	Vds-FeLof-V2Trap	Vds-FeLof-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vds-FeLpr-V2Trap	Vds-FeLpr-V2Trap	Vds-FeLpr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vds-LnFl-V2Trap	Vds-LnFl-V2Trap	Vds-LnFl-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vds-NeLol-V2Trap	Vds-NeLol-V2Trap	Vds-NeLol-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vds-FeLol-V2Trap	Vds-FeLol-V2Trap	Vds-FeLol-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Moc-ALol-V2Trap	Moc-ALol-V2Trap	Moc-ALol-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Moc-ALl-V2Trap	Moc-ALl-V2Trap	Moc-ALl-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Moc-ALpbk-V2Trap	Moc-ALpbk-V2Trap	Moc-ALpbk-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Voice-Gsfa-V2Trap	Voice-Gsfa-V2Trap	Voice-Gsfa-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vdsl-Lpbk-V2Trap	Vdsl-Lpbk-V2Trap	Vdsl-Lpbk-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ext-Alm1-V2Trap	Ext-Alm1-V2Trap	Ext-Alm1-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ext-Alm2-V2Trap	Ext-Alm2-V2Trap	Ext-Alm2-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Ext-Alm3-V2Trap	Ext-Alm3-V2Trap	Ext-Alm3-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ext-Alm4-V2Trap	Ext-Alm4-V2Trap	Ext-Alm4-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ext-Alm5-V2Trap	Ext-Alm5-V2Trap	Ext-Alm5-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Alarm-Drop-V2Trap	Alarm-Drop-V2Trap	Alarm-Drop-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Rx-PwrLo-V2Trap	Ont-Rx-PwrLo-V2Trap	Ont-Rx-PwrLo-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Pon-Rx-PwrLo-V2Trap	Pon-Rx-PwrLo-V2Trap	Pon-Rx-PwrLo-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Ont-Rx-PwrHi-V2Trap	Ont-Rx-PwrHi-V2Trap	Ont-Rx-PwrHi-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Pon-RxPwrHi-V2Trap	Pon-RxPwrHi-V2Trap	Pon-RxPwrHi-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
bfd-SessionUp-V2Trap	bfd-SessionUp-V2Trap	bfd-SessionUp-V2Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F
bfd-SessionDown-V2Trap	bfd-SessionDown-V2Trap	bfd-SessionDown-V2Trap	N	IManagedElement	F	F	F	0	F	maj	F	T	F
bfd-SessAttrChange-V2Trap	bfd-SessAttrChange-V2Trap	bfd-SessAttrChange-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
bfd-IntfAdd-V2Trap	bfd-IntfAdd-V2Trap	bfd-IntfAdd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
bfd-IntfMod-V2Trap	bfd-IntfMod-V2Trap	bfd-IntfMod-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
bfd-IntfDel-V2Trap	bfd-IntfDel-V2Trap	bfd-IntfDel-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
bfd-SessMaxThresh-V2Trap	bfd-SessMaxThresh-V2Trap	bfd-SessMaxThresh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
bfd-SessLowThresh-V2Trap	bfd-SessLowThresh-V2Trap	bfd-SessLowThresh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Bfd-SesPsCh-V2Trap	Bfd-SesPsCh-V2Trap	Bfd-SesPsCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Bfd-SesBkCh-V2Trap	Bfd-SesBkCh-V2Trap	Bfd-SesBkCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MI-GrpUp-V2Trap	MI-GrpUp-V2Trap	MI-GrpUp-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MI-GrpDown-V2Trap	MI-GrpDown-V2Trap	MI-GrpDown-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MI-AddLnk-V2Trap	MI-AddLnk-V2Trap	MI-AddLnk-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MI-DelLnk-V2Trap	MI-DelLnk-V2Trap	MI-DelLnk-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MI-CfgChg-V2Trap	MI-CfgChg-V2Trap	MI-CfgChg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MI-GrpAdd-V2Trap	MI-GrpAdd-V2Trap	MI-GrpAdd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MI-GrpDel-V2Trap	MI-GrpDel-V2Trap	MI-GrpDel-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MI-GrAdmCh-V2Trap	MI-GrAdmCh-V2Trap	MI-GrAdmCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
MI-LnkUp-V2Trap	MI-LnkUp-V2Trap	MI-LnkUp-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MI-LnkDown-V2Trap	MI-LnkDown-V2Trap	MI-LnkDown-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MI-LnkChg-V2Trap	MI-LnkChg-V2Trap	MI-LnkChg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MirrInstAdd-V2Trap	MirrInstAdd-V2Trap	MirrInstAdd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MirrInstDel-V2Trap	MirrInstDel-V2Trap	MirrInstDel-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MirrTarAdd-V2Trap	MirrTarAdd-V2Trap	MirrTarAdd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MirrTarDel-V2Trap	MirrTarDel-V2Trap	MirrTarDel-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MirrTaAtrCh-V2Trap	MirrTaAtrCh-V2Trap	MirrTaAtrCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MirrTaAdmCh-V2Trap	MirrTaAdmCh-V2Trap	MirrTaAdmCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MirrTarUp-V2Trap	MirrTarUp-V2Trap	MirrTarUp-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
MirrTarDn-V2Trap	MirrTarDn-V2Trap	MirrTarDn-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
vrrp-MasSt-V2Trap	vrrp-MasSt-V2Trap	vrrp-MasSt-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
vrrp-Auth-V2Trap	vrrp-Auth-V2Trap	vrrp-Auth-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
vrrp-MasRI-V2Trap	vrrp-MasRI-V2Trap	vrrp-MasRI-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
vrPktErr-V2Trap	vrPktErr-V2Trap	vrPktErr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
vrIfPktErr-V2Trap	vrIfPktErr-V2Trap	vrIfPktErr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
vrrp-VRAdd-V2Trap	vrrp-VRAdd-V2Trap	vrrp-VRAdd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
vrrp-VRDel-V2Trap	vrrp-VRDel-V2Trap	vrrp-VRDel-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
vrrp-VRAtCh-V2Trap	vrrp-VRAtCh-V2Trap	vrrp-VRAtCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
vrrp-VRAd-V2Trap	vrrp-VRAd-V2Trap	vrrp-VRAd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
vrrp-VROpUp-V2Trap	vrrp-VROpUp-V2Trap	vrrp-VROpUp-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
vrrp-VROpDn-V2Trap	vrrp-VROpDn-V2Trap	vrrp-VROpDn-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
VRTrIfAdd-V2Trap	VRTrIfAdd-V2Trap	VRTrIfAdd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
VRTrIfDel-V2Trap	VRTrIfDel-V2Trap	VRTrIfDel-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
VRTrIfChg-V2Trap	VRTrIfChg-V2Trap	VRTrIfChg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
VRIpAdrAdd-V2Trap	VRIpAdrAdd-V2Trap	VRIpAdrAdd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
VRipAdrDel-V2Trap	VRipAdrDel-V2Trap	VRipAdrDel-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
IptvLosStr-V2Trap	IptvLosStr-V2Trap	IptvLosStr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-GlblAtr-V2Trap	Os3-GlblAtr-V2Trap	Os3-GlblAtr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-GlblCnt-V2Trap	Os3-GlblCnt-V2Trap	Os3-GlblCnt-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-GlblPrc-V2Trap	Os3-GlblPrc-V2Trap	Os3-GlblPrc-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-AreaAtr-V2Trap	Os3-AreaAtr-V2Trap	Os3-AreaAtr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-AreaAdd-V2Trap	Os3-AreaAdd-V2Trap	Os3-AreaAdd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-AreaDel-V2Trap	Os3-AreaDel-V2Trap	Os3-AreaDel-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-IfAtr-V2Trap	Os3-IfAtr-V2Trap	Os3-IfAtr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-RdstAdd-V2Trap	Os3-RdstAdd-V2Trap	Os3-RdstAdd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-RdstDel-V2Trap	Os3-RdstDel-V2Trap	Os3-RdstDel-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-VIfAdd-V2Trap	Os3-VIfAdd-V2Trap	Os3-VIfAdd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-VIfDel-V2Trap	Os3-VIfDel-V2Trap	Os3-VIfDel-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Os3-VlfrAtr-V2Trap	Os3-VlfrAtr-V2Trap	Os3-VlfrAtr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-Admin-V2Trap	Os3-Admin-V2Trap	Os3-Admin-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-OlStChg-V2Trap	Os3-OlStChg-V2Trap	Os3-OlStChg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-OpUp-V2Trap	Os3-OpUp-V2Trap	Os3-OpUp-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-OpDown-V2Trap	Os3-OpDown-V2Trap	Os3-OpDown-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-NssaTRI-V2Trap	Os3-NssaTRI-V2Trap	Os3-NssaTRI-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-NssaTSt-V2Trap	Os3-NssaTSt-V2Trap	Os3-NssaTSt-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-AggrAdd-V2Trap	Os3-AggrAdd-V2Trap	Os3-AggrAdd-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-AggrDel-V2Trap	Os3-AggrDel-V2Trap	Os3-AggrDel-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-AggrChg-V2Trap	Os3-AggrChg-V2Trap	Os3-AggrChg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-LsaHiTh-V2Trap	Os3-LsaHiTh-V2Trap	Os3-LsaHiTh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-LsaLoTh-V2Trap	Os3-LsaLoTh-V2Trap	Os3-LsaLoTh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-MxLsaEx-V2Trap	Os3-MxLsaEx-V2Trap	Os3-MxLsaEx-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Os3-MxLsaCl-V2 Trap	Os3-MxLsaCl-V2Trap	Os3-MxLsaCl-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-RedHiTh-V2 Trap	Os3-RedHiTh-V2Trap	Os3-RedHiTh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-RedLoTh-V2 Trap	Os3-RedLoTh-V2Trap	Os3-RedLoTh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-MxRedEx-V2Trap	Os3-MxRedEx-V2Trap	Os3-MxRedEx-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-MxRedCl-V2Trap	Os3-MxRedCl-V2Trap	Os3-MxRedCl-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-ExIfChg-V2Trap	Os3-ExIfChg-V2Trap	Os3-ExIfChg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-ExVIfCh-V2Trap	Os3-ExVIfCh-V2Trap	Os3-ExVIfCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-ExNbrCh-V2Trap	Os3-ExNbrCh-V2Trap	Os3-ExNbrCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-ExVNbCh-V2Trap	Os3-ExVNbCh-V2Trap	Os3-ExVNbCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-ExIfCEr-V2Trap	Os3-ExIfCEr-V2Trap	Os3-ExIfCEr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-XVIfCEr-V2Trap	Os3-XVIfCEr-V2Trap	Os3-XVIfCEr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-ExNbrDn-V2Trap	Os3-ExNbrDn-V2Trap	Os3-ExNbrDn-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-XNbrGrR-V2Trap	Os3-XNbrGrR-V2Trap	Os3-XNbrGrR-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Os3-XNbrGrD-V2 Trap	Os3-XNbrGrD-V2Trap	Os3-XNbrGrD-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-XVNBGrR-V2Trap	Os3-XVNBGrR-V2Trap	Os3-XVNBGrR-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-XVNBGrD-V2Trap	Os3-XVNBGrD-V2Trap	Os3-XVNBGrD-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-ArDupRt-V2Trap	Os3-ArDupRt-V2Trap	Os3-ArDupRt-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-OrigLsa-V2Trap	Os3-OrigLsa-V2Trap	Os3-OrigLsa-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Os3-MaxAgLs-V2Trap	Os3-MaxAgLs-V2Trap	Os3-MaxAgLs-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Lacp-GlbCh-V2Trap	Lacp-GlbCh-V2Trap	Lacp-GlbCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Lacp-AdmnCh-V2Trap	Lacp-AdmnCh-V2Trap	Lacp-AdmnCh-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Lacp-Up-V2Trap	Lacp-Up-V2Trap	Lacp-Up-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Lacp-Down-V2Trap	Lacp-Down-V2Trap	Lacp-Down-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Cert-Warn1-V2Trap	Cert-Warn1-V2Trap	Cert-Warn1-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Cert-Warn2-V2Trap	Cert-Warn2-V2Trap	Cert-Warn2-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Cert-Warn3-V2Trap	Cert-Warn3-V2Trap	Cert-Warn3-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
IPSec-Ena-V2Trap	IPSec-Ena-V2Trap	IPSec-Ena-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
IPSec-SaNeg-V2Trap	IPSec-SaNeg-V2Trap	IPSec-SaNeg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
IPSec-SaSuc-V2Trap	IPSec-SaSuc-V2Trap	IPSec-SaSuc-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
IPSec-SaFl-dV2Trap	IPSec-SaFl-dV2Trap	IPSec-SaFl-dV2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
IPSec-SaDrp-V2Trap	IPSec-SaDrp-V2Trap	IPSec-SaDrp-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
IPSec-Dis-V2Trap	IPSec-Dis-V2Trap	IPSec-Dis-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
BF-GenSucc-V2Trap	BF-GenSucc-V2Trap	BF-GenSucc-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
BF-GenErr-V2Trap	BF-GenErr-V2Trap	BF-GenErr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
BF-TranSuc-V2Trap	BF-TranSuc-V2Trap	BF-TranSuc-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
BFTranErr-V2Trap	BFTranErr-V2Trap	BFTranErr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
BF-Del-V2Trap	BF-Del-V2Trap	BF-Del-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
BF-Init-V2Trap	BF-Init-V2Trap	BF-Init-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vpt-AttrChg-V2Trap	Vpt-AttrChg-V2Trap	Vpt-AttrChg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vpt-Add-V2Trap	Vpt-Add-V2Trap	Vpt-Add-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F

Table 10-54 Tellabs V2 Trap Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Vpt-Del-V2Trap	Vpt-Del-V2Trap	Vpt-Del-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vpt-Up-V2Trap	Vpt-Up-V2Trap	Vpt-Up-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Vpt-Down-V2Trap	Vpt-Dow-V2Trap	Vpt-Down-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Oam-SesEst-V2Trap	Oam-SesEst-V2Trap	Oam-SesEst-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Oam-SesTerm-V2Trap	Oam-SesTerm-V2Trap	Oam-SesTerm-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Oam-GlblChg-V2Trap	Oam-GlblChg-V2Trap	Oam-GlblChg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Oam-LinkChg-V2Trap	Oam-LinkChg-V2Trap	Oam-LinkChg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Oam-LbStChg-V2Trap	Oam-LbStChg-V2Trap	Oam-LbStChg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Peer-EvtSet-V2Trap	Peer-EvtSet-V2Trap	Peer-EvtSet-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Peer-EvtClr-V2Trap	Peer-EvtClr-V2Trap	Peer-EvtClr-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
Oam-TestChg-V2Trap	Oam-TestChg-V2Trap	Oam-TestChg-V2Trap	N	IManagedElement	F	F	F	0	F	wrn	F	T	F



CHAPTER 11

Syslogs

This chapter provides detailed information about the syslogs for third-party devices in Cisco ANA. Syslogs appear in the Cisco ANA EventVision Syslog tab. (For information about Cisco ANA EventVision, see the [Cisco Active Network Abstraction 3.7.2 User Guide](#).) Syslog information is presented in two forms:

- **Syslog Tables:** A section devoted to the supported syslogs for each NOS platform (e.g., [Juniper E-Series Syslogs](#)). Each of these sections contains a table listing the name of each supported syslog, along with a description, the raw format of the syslog string, and a short description. In the syslog tables in this Reference, each syslog's short description is also a link to its corresponding registry parameters.
- **Registry Parameter Tables:** A section devoted to the event types, event subtypes and Cisco ANA registry parameters for the supported syslogs. There is one parameter table for every syslog table (e.g., [Juniper E-Series Syslogs Registry Parameters](#)). Each syslog can have multiple event subtypes, or states. The parameter tables indicate when each state is generated, and how Cisco ANA processes them (such as their severity, whether they are ticketable, can be correlated, are autocleared, and so on).

Cisco ANA 3.7.x users can enable an additional IP in the device for traps and syslogs. This new feature is called Multisource Events. When Cisco ANA 3.7.x receives a trap or syslog from that device (from the new IP) it will still recognize the device. For more details on multisource events see [Cisco ANA 3.7.1 Release Notes](#).

This chapter includes the following topics:

- [Juniper E-Series Syslogs, page 11-2](#)
- [Juniper JCS Control System Syslogs, page 11-4](#)
- [Juniper M-Series Syslogs, page 11-8](#)
- [Juniper MX-Series Syslogs, page 11-12](#)
- [Juniper T-Series Syslogs, page 11-16](#)
- [RAD ACE Syslogs, page 11-16](#)
- [Juniper E-Series Syslogs Registry Parameters, page 11-16](#)
- [Juniper JCS Control System Syslogs Registry Parameters, page 11-18](#)
- [Juniper M-Series Syslogs Registry Parameters, page 11-20](#)
- [Juniper MX-Series Syslogs Registry Parameters, page 11-23](#)
- [Juniper T-Series Syslogs Registry Parameters, page 11-25](#)
- [RAD ACE Syslogs Registry Parameters, page 11-25](#)

Juniper E-Series Syslogs

Table 11-1 lists the Juniper E-Series Syslogs supported in Cisco ANA.

Table 11-1 Juniper E-Series Syslogs

Syslog Name	Description	Raw Format	Short Description
link up syslog	juniper parse link up syslog	SNMP_TRAP_LINK_UP: ifIndex 33, ifAdminStatus up(1), ifOperStatus up(1), ifName so-0/3/1.20	Juniper Link up syslog
juniper-link-down	juniper parse link down syslog	SNMP_TRAP_LINK_DOWN: ifIndex 33, ifAdminStatus up(1), ifOperStatus down(2), ifName so-0/3/1.20	Juniper Link down syslog
juniper-ospf-neighbor-down	juniper parse ospf neighbor syslog	RPD_OSPF_NBRUP: OSPF neighbor 10.110.1.5 (so-0/3/1.20) state changed from Init to ExStart due to 2WayRcvd (event reason: initial DBD	Juniper OSPF neighbor down syslog
juniper-ospf-neighbor-down	juniper parse ospf neighbor syslog	RPD_OSPF_NBRDOWN: OSPF neighbor 10.110.1.5 (so-0/3/1.20) state changed from Full to Down due to InActive	Juniper OSPF neighbor up syslog
juniper-card-out	juniper parse card in syslog	CHASSISD_SNMP_TRAP7: SNMP trap generated: FRU insertion (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName PIC: @ 0/3/*, jnxFruType 11, jnxFruSlot 1)	Juniper card out syslog
juniper-card-out	juniper parse card out syslog	CHASSISD_SNMP_TRAP7: SNMP trap generated: FRU removal (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName PIC: 2x OC-3 SONET, SMIR @ 0/3/*, jnxFruType 11, jnxFruSlo 1)	Juniper card in syslog
juniper-ldp-neighbor-down	handle ldp neighbor change syslog	RPD_LDP_NBRUP: LDP neighbor 10.110.1.5 (so-0/3/1.20) is up	Juniper LDP neighbor up syslog
juniper-ldp-neighbor-down	handle ldp neighbor change syslog	RPD_LDP_NBRDOWN: LDP neighbor 10.110.1.5 (so-0/3/1.20) is down	Juniper LDP neighbor down syslog
bgp-started	bgp started syslog	bgp_connect_start: connect 192.168.10.1 (Internal AS 1): No route to host	Juniper BGP Connection Started
bgp-task-connect	bgp task connect syslog	task_connect: task BGP_1.192.168.20.1+179 addr 192.168.20.1+179: No route to host	Juniper BGP task connect

Table 11-1 *Juniper E-Series Syslogs (Continued)*

Syslog Name	Description	Raw Format	Short Description
bgp-peer-init	bgp peer init syslog	bgp_peer_init: BGP peer 90.90.90.3 (Internal AS 100) local address 90.90.90.2 not found. Leaving peer idled	Juniper BGP peer init
bgp-reset	bgp reset syslog	bgp_mgmt_clear_neighbor: NOTIFICATION sent to 192.168.30.1 (Internal AS 1): code 6 (Cease) subcode 4 (Administratively Reset), Reason: Management session cleared BGP neighbor	Juniper bgp reset
bgp-timeout	bgp timeout syslog	bgp_traffic_timeout: NOTIFICATION sent to 90.90.90.3 (Internal AS 100): code 4 (Hold Timer Expired Error), Reason: holdtime expired for 90.90.90.3 (Internal AS 100), socket buffer sndcc: 61 rcvcc: 0 TCP state: 4, snd_una: 3386242142 snd_nxt: 3386242203 snd_wnd: 16384 rcv_nxt: 1418307052 rcv_adv: 1418323436, keepalive timer 0	Juniper bgp timeout
sib-offline	sib offline syslog	CHASSISD_FRU_OFFLINE_NOTICE : Taking SIB 0 offline: Reconnect	Juniper BGP Started
sib-reset	sib reset syslog	CHASSISD_GBUS_RESET_EVENT: SIB#0 - Assert Board Reset	Juniper sib reset
bgp-neighbor-state-changed	handle BGP 5 syslog	1) RPD_BGP_NEIGHBOR_STATE_CHANGED: BGP peer 80.80.80.8 (Internal AS 65520) changed state from Established to Idle (event Closed) 2) RPD_BGP_NEIGHBOR_STATE_CHANGED: BGP peer 80.80.80.8 (Internal AS 65520) changed state from OpenConfirm to Established (event RecvKeepAlive)	Juniper BGP neighbor down syslog
bgp-neighbor-state-changed	handle BGP 5 syslog	Sep 5 17:09:10 rpd[3161]: RPD_BGP_NEIGHBOR_STATE_CHANGED: BGP peer 80.80.80.8 (Internal AS 65520) changed state from OpenConfirm to Established (event RecvKeepAlive)	Juniper BGP neighbor up syslog

Table 11-1 Juniper E-Series Syslogs (Continued)

Syslog Name	Description	Raw Format	Short Description
fru-power-off	juniper fru power on syslog	CHASSISD_SNMP_TRAP9: SNMP trap generated: FRU power on (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName SIB 1, jnxFruType 9, jnxFruSlot 2, jnxFruOfflineReason 23, jnxFruLastPowerOff 3089, jnxFruLastPowerOn 0)	Juniper fru power off syslog
fru-power-off	juniper fru power off syslog	CHASSISD_SNMP_TRAP9: SNMP trap generated: FRU power off (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName SIB 1, jnxFruType 9, jnxFruSlot 2, jnxFruOfflineReason 23, jnxFruLastPowerOff 3089, jnxFruLastPowerOn 0)	Juniper fru power on syslog

Juniper JCS Control System Syslogs

[Table 11-2](#) lists the Juniper JCS Control System Syslogs supported in Cisco ANA.

Table 11-2 Juniper JCS Control System Syslogs

Syslog Name	Description	Raw Format	Short Description
RPD_BGP_NEIGHBOR_STATE_CHANGED	During BGP negotiation with the local router, the state of the indicated BGP neighbor (peer) changed as indicated. The ESTABLISHED state is the final state in the neighbor negotiation	Sep 5 17:08:26 rpd[3161]: RPD_BGP_NEIGHBOR_STATE_CHANGED: BGP peer 80.80.80.8 (Internal AS 65520) changed state from Established to Idle (event Closed)	Juniper BGP neighbor down syslog
RPD_BGP_NEIGHBOR_STATE_CHANGED	During BGP negotiation with the local router, the state of the indicated BGP neighbor (peer) changed as indicated. The ESTABLISHED state is the final state in the neighbor negotiation.	Sep 5 17:09:10 rpd[3161]: RPD_BGP_NEIGHBOR_STATE_CHANGED: BGP peer 80.80.80.8 (Internal AS 65520) changed state from OpenConfirm to Established (event RecvKeepAlive)	Juniper BGP neighbor up syslog

Table 11-2 *Juniper JCS Control System Syslogs (Continued)*

Syslog Name	Description	Raw Format	Short Description
bgp_peer_init	Interface for local address used for connection with the relevant peer not found.	Jun 8 23:00:14 rpd[2700]: bgp_peer_init: BGP peer 90.90.90.3 (Internal AS 100) local address 90.90.90.2 not found. Leaving peer idled	Juniper BGP peer init
bgp_mgmt_clear_neighbor	Management session cleared BGP neighbor	Jun 9 00:26:50 rpd[38080]: bgp_mgmt_clear_neighbor: NOTIFICATION sent to 192.168.30.1 (Internal AS 1): code 6 (Cease) subcode 4 (Administratively Reset), Reason: Management session cleared BGP neighbor	Juniper bgp reset
bgp_connect_start	Connection failed (bind failure) because it is not possible to use the local address used for connection to the relevant peer.	Jun 9 14:44:44 rpd[15952]: bgp_connect_start: connect 192.168.10.1 (Internal AS 1): No route to host	Juniper BGP Connection Started
task_connect	Routine to call when a connect has completed on this socket.	Jun 9 18:27:47 rpd[2796]: task_connect: task BGP_1.192.168.20.1+179 addr 192.168.20.1+179: No route to host	Juniper BGP task connect
bgp_traffic_timeout	Hold timeout to the relevant peer occurred.	Jun 8 17:41:39 rpd[2576]: bgp_traffic_timeout: NOTIFICATION sent to 90.90.90.3 (Internal AS 100): code 4 (Hold Timer Expired Error), Reason: holdtime expired for 90.90.90.3 (Internal AS 100), socket buffer sndcc: 61 rcvcc: 0 TCP state: 4, snd_una: 3386242142 snd_nxt: 3386242203 snd_wnd: 16384 rcv_nxt: 1418307052 rcv_adv: 1418323436, keepalive timer 0	Juniper bgp timeout
CHASSISD_SNMP_TRAP7	The chassis process (chassisd) generated a Simple Network Management Protocol (SNMP) trap with the seven indicated argument-value pairs.	CHASSISD_SNMP_TRAP7: SNMP trap generated: FRU removal (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName PIC: 2x OC-3 SONET, SMIR @ 0/3/*, jnxFruType 11, jnxFruSlo	Juniper card out syslog
CHASSISD_SNMP_TRAP7	The chassis process (chassisd) generated a Simple Network Management Protocol (SNMP) trap with the seven indicated argument-value pairs.	CHASSISD_SNMP_TRAP7: SNMP trap generated: FRU insertion (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName PIC: @ 0/3/*, jnxFruType 11, jnxFruSlot 1)	Juniper card in syslog

Table 11-2 Juniper JCS Control System Syslogs (Continued)

Syslog Name	Description	Raw Format	Short Description
CHASSISD_SNMP_TRAP9	SNMP trap generated: FRU power off	CHASSISD_SNMP_TRAP9: SNMP trap generated: FRU power off (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName SIB 1, jnxFruType 9, jnxFruSlot 2, jnxFruOfflineReason 23, jnxFruLastPowerOff 3089, jnxFruLastPowerOn 0)	Juniper fru power off syslog
CHASSISD_SNMP_TRAP9	SNMP trap generated: FRU power on	CHASSISD_SNMP_TRAP9: SNMP trap generated: FRU power on (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName SIB 1, jnxFruType 9, jnxFruSlot 2, jnxFruOfflineReason 23, jnxFruLastPowerOff 3089, jnxFruLastPowerOn 0)	Juniper fru power on syslog
RPD_LDP_NBRDOWN	A Label Distribution Protocol (LDP) adjacency was terminated because the indicated neighbor stopped communicating. If the adjacency was the only one with this neighbor, the routing protocol process (rpd) terminated the associated LDP session.	RPD_LDP_NBRDOWN: LDP neighbor 10.110.1.5 (so-0/3/1.20) is down	Juniper LDP neighbor down syslog
RPD_LDP_NBRUP	A Label Distribution Protocol (LDP) adjacency with the indicated neighbor became active. The routing protocol process (rpd) established an LDP session with the neighbor if one did not already exist.	RPD_LDP_NBRUP: LDP neighbor 10.110.1.5 (so-0/3/1.20) is up	Juniper LDP neighbor up syslog
SNMP_TRAP_LINK_DOWN	The SNMP agent process (snmpd) generated a linkDown trap because the indicated interface changed state to 'down'.	SNMP_TRAP_LINK_DOWN: ifIndex 28, ifAdminStatus up(1), ifOperStatus down(2), ifName fe-0/0/3	Juniper Link down syslog

Table 11-2 *Juniper JCS Control System Syslogs (Continued)*

Syslog Name	Description	Raw Format	Short Description
SNMP_TRAP_LINK_UP	The SNMP agent process (snmp) generated a linkUp trap because the indicated interface changed state to 'up'.	SNMP_TRAP_LINK_UP: ifIndex 28, ifAdminStatus up(1), ifOperStatus up(1), ifName fe-0/0/3	Juniper Link up syslog
RPD_OSPF_NBRDOWN	An OSPF adjacency with the indicated neighboring router was terminated. The local router no longer exchanges routing information with, or directs traffic to, the neighboring router.	RPD_OSPF_NBRDOWN: OSPF neighbor 10.111.1.9 (fe-0/0/3.0) state changed from Full to Down due to Kill all neighbors	Juniper OSPF neighbor down syslog
RPD_OSPF_NBRUP	An OSPF adjacency was established with the indicated neighboring router. The local router can now exchange information with it.	RPD_OSPF_NBRUP: OSPF neighbor 10.111.1.9 (fe-0/0/3.0) state changed from Init to 2Way due to Two way communication established	Juniper OSPF neighbor up syslog
CHASSISD_FRU_OFFLINE_NOTICE	The chassis process (chassisd) took the indicated component (field-replaceable unit, or FRU) offline for the indicated reason.	Jun 8 11:37:59 chassisd[2599]: CHASSISD_FRU_OFFLINE_NOTICE : Taking SIB 0 offline: Reconnect	Juniper sib offline
CHASSISD_GBUS_RESET_EVENT	The chassis process (chassisd) reset the GBUS for the indicated component (field-replaceable unit, or FRU). This is a normal part of startup.	Jun 8 11:38:09 chassisd[2599]: CHASSISD_GBUS_RESET_EVENT: SIB#0 - Assert Board Reset	Juniper sib reset

Juniper M-Series Syslogs

Table 11-3 lists the Juniper M-Series Syslogs supported in Cisco ANA.

Table 11-3 Juniper M-Series Syslogs

Syslog Name	Description	Raw Format	Short Description
RPD_BGP_NEIGHBOR_STATE_CHANGED	During BGP negotiation with the local router, the state of the indicated BGP neighbor (peer) changed as indicated. The ESTABLISHED state is the final state in the neighbor negotiation	Sep 5 17:08:26 rpd[3161]: RPD_BGP_NEIGHBOR_STATE_CHANGED: BGP peer 80.80.80.8 (Internal AS 65520) changed state from Established to Idle (event Closed)	Juniper BGP neighbor down syslog
RPD_BGP_NEIGHBOR_STATE_CHANGED	During BGP negotiation with the local router, the state of the indicated BGP neighbor (peer) changed as indicated. The ESTABLISHED state is the final state in the neighbor negotiation.	Sep 5 17:09:10 rpd[3161]: RPD_BGP_NEIGHBOR_STATE_CHANGED: BGP peer 80.80.80.8 (Internal AS 65520) changed state from OpenConfirm to Established (event RecvKeepAlive)	Juniper BGP neighbor up syslog
bgp_peer_init	Interface for local address used for connection with the relevant peer not found.	Jun 8 23:00:14 rpd[2700]: bgp_peer_init: BGP peer 90.90.90.3 (Internal AS 100) local address 90.90.90.2 not found. Leaving peer idled	Juniper BGP peer init
bgp_mgmt_clear_neighbor	Management session cleared BGP neighbor	Jun 9 00:26:50 rpd[38080]: bgp_mgmt_clear_neighbor: NOTIFICATION sent to 192.168.30.1 (Internal AS 1): code 6 (Cease) subcode 4 (Administratively Reset), Reason: Management session cleared BGP neighbor	Juniper bgp reset
bgp_connect_start	Connection failed (bind failure) because it is not possible to use the local address used for connection to the relevant peer.	Jun 9 14:44:44 rpd[15952]: bgp_connect_start: connect 192.168.10.1 (Internal AS 1): No route to host	Juniper BGP Connection Started
task_connect	Routine to call when a connect has completed on this socket.	Jun 9 18:27:47 rpd[2796]: task_connect: task BGP_1.192.168.20.1+179 addr 192.168.20.1+179: No route to host	Juniper BGP task connect

Table 11-3 *Juniper M-Series Syslogs (Continued)*

Syslog Name	Description	Raw Format	Short Description
bgp_traffic_timeout	Hold timeout to the relevant peer occurred.	Jun 8 17:41:39 rpd[2576]: bgp_traffic_timeout: NOTIFICATION sent to 90.90.90.3 (Internal AS 100): code 4 (Hold Timer Expired Error), Reason: holdtime expired for 90.90.90.3 (Internal AS 100), socket buffer sndcc: 61 rcvcc: 0 TCP state: 4, snd_una: 3386242142 snd_nxt: 3386242203 snd_wnd: 16384 rcv_nxt: 1418307052 rcv_adv: 1418323436, keepalive timer 0	Juniper bgp timeout
CHASSISD_SNMP_TRAP7	The chassis process (chassisd) generated a Simple Network Management Protocol (SNMP) trap with the seven indicated argument-value pairs.	CHASSISD_SNMP_TRAP7: SNMP trap generated: FRU removal (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName PIC: 2x OC-3 SONET, SMIR @ 0/3/*, jnxFruType 11, jnxFruSlo	Juniper card out syslog
CHASSISD_SNMP_TRAP7	The chassis process (chassisd) generated a Simple Network Management Protocol (SNMP) trap with the seven indicated argument-value pairs.	CHASSISD_SNMP_TRAP7: SNMP trap generated: FRU insertion (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName PIC: @ 0/3/*, jnxFruType 11, jnxFruSlot 1)	Juniper card in syslog
CHASSISD_SNMP_TRAP9	SNMP trap generated: FRU power off	CHASSISD_SNMP_TRAP9: SNMP trap generated: FRU power off (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName SIB 1, jnxFruType 9, jnxFruSlot 2, jnxFruOfflineReason 23, jnxFruLastPowerOff 3089, jnxFruLastPowerOn 0)	Juniper fru power off syslog
CHASSISD_SNMP_TRAP9	SNMP trap generated: FRU power off	CHASSISD_SNMP_TRAP9: SNMP trap generated: FRU power on (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName SIB 1, jnxFruType 9, jnxFruSlot 2, jnxFruOfflineReason 23, jnxFruLastPowerOff 3089, jnxFruLastPowerOn 0)	Juniper fru power on syslog

Table 11-3 Juniper M-Series Syslogs (Continued)

Syslog Name	Description	Raw Format	Short Description
RPD_LDP_NBRDOWN	A Label Distribution Protocol (LDP) adjacency was terminated because the indicated neighbor stopped communicating. If the adjacency was the only one with this neighbor, the routing protocol process (rpd) terminated the associated LDP session.	RPD_LDP_NBRDOWN: LDP neighbor 10.110.1.5 (so-0/3/1.20) is down	Juniper LDP neighbor down syslog
RPD_LDP_NBRUP	A Label Distribution Protocol (LDP) adjacency with the indicated neighbor became active. The routing protocol process (rpd) established an LDP session with the neighbor if one did not already exist.	RPD_LDP_NBRUP: LDP neighbor 10.110.1.5 (so-0/3/1.20) is up	Juniper LDP neighbor up syslog
RPD_LDP_SESSIONDOWN	The routing protocol process (rpd) terminated an LDP session with the indicated neighbor and deleted all labels exchanged during the session.	%DAEMON-6-RPD_LDP_SESSIONDOWN: LDP session 1.2.3.4 is down	Juniper LDP session down syslog
RPD_LDP_SESSIONUP	The routing protocol process (rpd) established an LDP session with the indicated neighbor. The routers began exchanging labels.	%DAEMON-6-RPD_LDP_SESSIONUP: LDP session 1.2.3.4 is up	Juniper LDP session up syslog
SNMP_TRAP_LINK_DOWN	The SNMP agent process (snmpd) generated a linkDown trap because the indicated interface changed state to 'down'.	SNMP_TRAP_LINK_DOWN: ifIndex 28, ifAdminStatus up(1), ifOperStatus down(2), ifName fe-0/0/3	Juniper Link down syslog

Table 11-3 *Juniper M-Series Syslogs (Continued)*

Syslog Name	Description	Raw Format	Short Description
SNMP_TRAP_LINK_UP	The SNMP agent process (snmp) generated a linkUp trap because the indicated interface changed state to 'up'.	SNMP_TRAP_LINK_UP: ifIndex 28, ifAdminStatus up(1), ifOperStatus up(1), ifName fe-0/0/3	Juniper Link up syslog
RPD_OSPF_NBRDOWN	An OSPF adjacency with the indicated neighboring router was terminated. The local router no longer exchanges routing information with, or directs traffic to, the neighboring router.	RPD_OSPF_NBRDOWN: OSPF neighbor 10.111.1.9 (fe-0/0/3.0) state changed from Full to Down due to Kill all neighbors	Juniper OSPF neighbor down syslog
RPD_OSPF_NBRUP	An OSPF adjacency was established with the indicated neighboring router. The local router can now exchange information with it.	RPD_OSPF_NBRUP: OSPF neighbor 10.111.1.9 (fe-0/0/3.0) state changed from Init to 2Way due to Two way communication established	Juniper OSPF neighbor up syslog
CHASSISD_FRU_OFFLINE_NOTICE	The chassis process (chassisd) took the indicated component (field-replaceable unit, or FRU) offline for the indicated reason.	Jun 8 11:37:59 chassisd[2599]: CHASSISD_FRU_OFFLINE_NOTICE : Taking SIB 0 offline: Reconnect	Juniper sib offline
CHASSISD_GBUS_RESET_EVENT	The chassis process (chassisd) reset the GBUS for the indicated component (field-replaceable unit, or FRU). This is a normal part of startup.	Jun 8 11:38:09 chassisd[2599]: CHASSISD_GBUS_RESET_EVENT: SIB#0 - Assert Board Reset	Juniper sib reset

Juniper MX-Series Syslogs

Table 11-4 lists the Juniper MX-Series Syslogs supported in Cisco ANA.

Table 11-4 Juniper MX-Series Syslogs

Syslog Name	Description	Raw Format	Short Description
RPD_BGP_NEIGHBOR_STATE_CHANGED	During BGP negotiation with the local router, the state of the indicated BGP neighbor (peer) changed as indicated. The ESTABLISHED state is the final state in the neighbor negotiation	Sep 5 17:08:26 rpd[3161]: RPD_BGP_NEIGHBOR_STATE_CHANGED: BGP peer 80.80.80.8 (Internal AS 65520) changed state from Established to Idle (event Closed)	Juniper BGP neighbor down syslog
RPD_BGP_NEIGHBOR_STATE_CHANGED	During BGP negotiation with the local router, the state of the indicated BGP neighbor (peer) changed as indicated. The ESTABLISHED state is the final state in the neighbor negotiation.	Sep 5 17:09:10 rpd[3161]: RPD_BGP_NEIGHBOR_STATE_CHANGED: BGP peer 80.80.80.8 (Internal AS 65520) changed state from OpenConfirm to Established (event RecvKeepAlive)	Juniper BGP neighbor up syslog
bgp_peer_init	Interface for local address used for connection with the relevant peer not found.	Jun 8 23:00:14 rpd[2700]: bgp_peer_init: BGP peer 90.90.90.3 (Internal AS 100) local address 90.90.90.2 not found. Leaving peer idled	Juniper BGP peer init
bgp_mgmt_clear_neighbor	Management session cleared BGP neighbor	Jun 9 00:26:50 rpd[38080]: bgp_mgmt_clear_neighbor: NOTIFICATION sent to 192.168.30.1 (Internal AS 1): code 6 (Cease) subcode 4 (Administratively Reset), Reason: Management session cleared BGP neighbor	Juniper bgp reset
bgp_connect_start	Connection failed (bind failure) because it is not possible to use the local address used for connection to the relevant peer.	Jun 9 14:44:44 rpd[15952]: bgp_connect_start: connect 192.168.10.1 (Internal AS 1): No route to host	Juniper BGP Connection Started
task_connect	Routine to call when a connect has completed on this socket.	Jun 9 18:27:47 rpd[2796]: task_connect: task BGP_1.192.168.20.1+179 addr 192.168.20.1+179: No route to host	Juniper BGP task connect

Table 11-4 Juniper MX-Series Syslogs (Continued)

Syslog Name	Description	Raw Format	Short Description
bgp_traffic_timeout	Hold timeout to the relevant peer occurred.	Jun 8 17:41:39 rpd[2576]: bgp_traffic_timeout: NOTIFICATION sent to 90.90.90.3 (Internal AS 100): code 4 (Hold Timer Expired Error), Reason: holdtime expired for 90.90.90.3 (Internal AS 100), socket buffer sndcc: 61 rcvcc: 0 TCP state: 4, snd_una: 3386242142 snd_nxt: 3386242203 snd_wnd: 16384 rcv_nxt: 1418307052 rcv_adv: 1418323436, keepalive timer 0	Juniper bgp timeout
CHASSISD_SNMP_TRAP7	The chassis process (chassisd) generated a Simple Network Management Protocol (SNMP) trap with the seven indicated argument-value pairs.	CHASSISD_SNMP_TRAP7: SNMP trap generated: FRU removal (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName PIC: 2x OC-3 SONET, SMIR @ 0/3/*, jnxFruType 11, jnxFruSlo	Juniper card out syslog
CHASSISD_SNMP_TRAP7	The chassis process (chassisd) generated a Simple Network Management Protocol (SNMP) trap with the seven indicated argument-value pairs.	CHASSISD_SNMP_TRAP7: SNMP trap generated: FRU insertion (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName PIC: @ 0/3/*, jnxFruType 11, jnxFruSlot 1)	Juniper card in syslog
CHASSISD_SNMP_TRAP9	SNMP trap generated: FRU power off	CHASSISD_SNMP_TRAP9: SNMP trap generated: FRU power off (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName SIB 1, jnxFruType 9, jnxFruSlot 2, jnxFruOfflineReason 23, jnxFruLastPowerOff 3089, jnxFruLastPowerOn 0)	Juniper fru power off syslog
CHASSISD_SNMP_TRAP9	SNMP trap generated: FRU power off	CHASSISD_SNMP_TRAP9: SNMP trap generated: FRU power on (jnxFruContentsIndex 8, jnxFruL1Index 1, jnxFruL2Index 4, jnxFruL3Index 0, jnxFruName SIB 1, jnxFruType 9, jnxFruSlot 2, jnxFruOfflineReason 23, jnxFruLastPowerOff 3089, jnxFruLastPowerOn 0)	Juniper fru power on syslog

Table 11-4 Juniper MX-Series Syslogs (Continued)

Syslog Name	Description	Raw Format	Short Description
RPD_LDP_NBRDOWN	A Label Distribution Protocol (LDP) adjacency was terminated because the indicated neighbor stopped communicating. If the adjacency was the only one with this neighbor, the routing protocol process (rpd) terminated the associated LDP session.	RPD_LDP_NBRDOWN: LDP neighbor 10.110.1.5 (so-0/3/1.20) is down	Juniper LDP neighbor down syslog
RPD_LDP_NBRUP	A Label Distribution Protocol (LDP) adjacency with the indicated neighbor became active. The routing protocol process (rpd) established an LDP session with the neighbor if one did not already exist.	RPD_LDP_NBRUP: LDP neighbor 10.110.1.5 (so-0/3/1.20) is up	Juniper LDP neighbor up syslog
RPD_LDP_SESSIONDOWN	The routing protocol process (rpd) terminated an LDP session with the indicated neighbor and deleted all labels exchanged during the session.	%DAEMON-6-RPD_LDP_SESSIONDOWN: LDP session 1.2.3.4 is down	Juniper LDP session down syslog
RPD_LDP_SESSIONUP	The routing protocol process (rpd) established an LDP session with the indicated neighbor. The routers began exchanging labels.	%DAEMON-6-RPD_LDP_SESSIONUP: LDP session 1.2.3.4 is up	Juniper LDP session up syslog
SNMP_TRAP_LINK_DOWN	The SNMP agent process (snmpd) generated a linkDown trap because the indicated interface changed state to 'down'.	SNMP_TRAP_LINK_DOWN: ifIndex 28, ifAdminStatus up(1), ifOperStatus down(2), ifName fe-0/0/3	Juniper Link down syslog

Table 11-4 Juniper MX-Series Syslogs (Continued)

Syslog Name	Description	Raw Format	Short Description
SNMP_TRAP_LINK_UP	The SNMP agent process (snmp) generated a linkUp trap because the indicated interface changed state to 'up'.	SNMP_TRAP_LINK_UP: ifIndex 28, ifAdminStatus up(1), ifOperStatus up(1), ifName fe-0/0/3	Juniper Link up syslog
RPD_OSPF_NBRDOWN	An OSPF adjacency with the indicated neighboring router was terminated. The local router no longer exchanges routing information with, or directs traffic to, the neighboring router.	RPD_OSPF_NBRDOWN: OSPF neighbor 10.111.1.9 (fe-0/0/3.0) state changed from Full to Down due to Kill all neighbors	Juniper OSPF neighbor down syslog
RPD_OSPF_NBRUP	An OSPF adjacency was established with the indicated neighboring router. The local router can now exchange information with it.	RPD_OSPF_NBRUP: OSPF neighbor 10.111.1.9 (fe-0/0/3.0) state changed from Init to 2Way due to Two way communication established	Juniper OSPF neighbor up syslog
CHASSISD_FRU_OFFLINE_NOTICE	The chassis process (chassisd) took the indicated component (field-replaceable unit, or FRU) offline for the indicated reason.	Jun 8 11:37:59 chassisd[2599]: CHASSISD_FRU_OFFLINE_NOTICE : Taking SIB 0 offline: Reconnect	Juniper sib offline
CHASSISD_GBUS_RESET_EVENT	The chassis process (chassisd) reset the GBUS for the indicated component (field-replaceable unit, or FRU). This is a normal part of startup.	Jun 8 11:38:09 chassisd[2599]: CHASSISD_GBUS_RESET_EVENT: SIB#0 - Assert Board Reset	Juniper sib reset

Juniper T-Series Syslogs

Juniper T-Series Syslogs supported in Cisco ANA is the same as the Juniper M-Series Syslogs. For more details on the Juniper M-Series Syslogs see [Table 11-3](#)

RAD ACE Syslogs

[Table 11-5](#) lists the RAD ACE Syslogs supported in Cisco ANA.

Table 11-5 RAD ACE Syslogs

Syslog Name	Description	Raw Format	Short Description
any syslogs	Default pattern to send uncorrelated/unknown syslogs to the vision		Generic syslog

Juniper E-Series Syslogs Registry Parameters

[Table 11-6](#) lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Juniper E-Series Syslogs Registry Parameters shown in [Table 11-1](#).

Table 11-6 Juniper E-Series Syslogs Registry Parameters

Short Description	Event Type	Event Subtype	Subtype Value	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper Link up syslog	juniper link down syslog	juniper link up syslog		ip interface oper status	IIPInterface	F	F	F	0	F	CLEAR	F	F	T
Juniper Link down syslog	juniper link down syslog	juniper link down syslog		ip interface oper status	IIPInterface	F	T	F	0	F	MAJ	F	F	T
Juniper OSPF neighbor down syslog	juniper ospf neighbor syslog	juniper ospf neighbor up syslog		NA		F	F	F	0	T	CLEAR	F	F	F
Juniper OSPF neighbor up syslog	juniper ospf neighbor syslog	juniper ospf neighbor down syslog		NA		F	T	F	0	T	MAJ	F	F	F

Table 11-6 Juniper E-Series Syslogs Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Subtype Value	Expedited Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper card out syslog	juniper card out syslog	juniper card in syslog		physical command	IPhysicalInvestigator	F	F	F	0	F	CLEAR	F	F	T
Juniper card in syslog	juniper card out syslog	juniper card out syslog		physical command	IPhysicalInvestigator	F	T	F	0	F	MAJ	F	F	T
Juniper LDP neighbor up syslog	juniper ldp neighbor down syslog	juniper ldp neighbor up syslog		label switching table, mpls interfaces, mpls-ldp-peers	IProfileContainer (LSE)	F	T	F	0	F	CLEAR	F	F	F
Juniper LDP neighbor down syslog	juniper ldp neighbor down syslog	juniper ldp neighbor down syslog		label switching table, mpls interfaces, mpls-ldp-peers	IProfileContainer (LSE)	F	T	F	0	T	MAJ	F	F	F
Juniper BGP Connection Started	juniper bgp started	juniper bgp started		NA		F	T	F	0	T	MAJ	F	F	F
Juniper BGP task connect	juniper bgp task connect	juniper bgp task connect		NA		F	T	F	0	T	MAJ	F	F	F
Juniper BGP peer init	juniper bgp peer init	juniper bgp peer init		NA		F	T	F	0	T	MAJ	F	F	F
Juniper bgp reset	juniper bgp reset	juniper bgp reset		NA		F	T	F	0	T	MAJ	F	F	F
Juniper bgp timeout	juniper bgp timeout	juniper bgp timeout		NA		F	T	F	0	T	MAJ	F	F	F
Juniper BGP Started	juniper sib offline	juniper sib offline		NA		F	T	F	0	T	MAJ	F	F	F
Juniper sib reset	juniper sib reset	juniper sib reset		NA		F	T	F	0	T	MAJ	F	F	F
Juniper BGP neighbor down syslog	juniper bgp neighbor down syslog	juniper bgp neighbor down syslog		bgp-process-state, bgp neighbours	IBgpNeighbourEntry	F	T	F	0	T	MAJ	F	F	F

Table 11-6 Juniper E-Series Syslogs Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Subtype Value	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper BGP neighbor up syslog	juniper bgp neighbor down syslog	juniper bgp neighbor up syslog		bgp-process-state, bgp neighbours	IBgpNeighbourEntry	F	T	F	0	F	CLEAR	F	F	F
Juniper fru power off syslog	juniper fru power off syslog	juniper fru power on syslog		physical command	IIPhysicalInvestigator	F	T	F	0	F	CLEAR	F	F	T
Juniper fru power on syslog	juniper fru power off syslog	juniper fru power off syslog		physical command	IIPhysicalInvestigator	F	T	F	0	T	MAJ	F	F	T

Juniper JCS Control System Syslogs Registry Parameters

Table 11-7 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Juniper JCS Control System Syslogs Registry Parameters shown in Table 11-2.

Table 11-7 Juniper JCS Control System Syslog Registry Parameters

Short Description	Event Type	Event Subtype	Subtype Value	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper BGP neighbor down syslog	juniper bgp neighbor down syslog	juniper bgp neighbor down syslog		bgp-process-state, bgp neighbours	IMpBgp	F	T	F	0	T	maj	F	T	F
Juniper BGP neighbor up syslog	juniper bgp neighbor down syslog	juniper bgp neighbor up syslog		bgp-process-state, bgp neighbours	IMpBgp	F	F	F	0	F	clr	F	T	F
Juniper BGP peer init	juniper bgp peer init	juniper bgp peer init		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper bgp reset	juniper bgp reset	juniper bgp reset		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F

Table 11-7 Juniper JCS Control System Syslog Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Subtype Value	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper BGP Connection Started	juniper bgp started	juniper bgp started		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper BGP task connect	juniper bgp task connect	juniper bgp task connect		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper bgp timeout	juniper bgp timeout	juniper bgp timeout		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper card out syslog	juniper card out syslog	juniper card out syslog		physical command	IModule	F	T	F	0	T	maj	F	T	T
Juniper card in syslog	juniper card out syslog	juniper card in syslog		physical command	IModule	F	F	F	0	F	clr	F	T	T
Juniper fru power off syslog	juniper fru power off syslog	juniper fru power off syslog		physical command	IModule	F	T	F	0	T	maj	F	T	T
Juniper fru power on syslog	juniper fru power off syslog	juniper fru power on syslog		physical command	IModule	F	F	F	0	F	clr	F	T	T
Juniper LDP neighbor down syslog	juniper ldp neighbor down syslog	juniper ldp neighbor down syslog		mpls interfaces, label switching table	ILse	F	T	F	0	T	maj	F	T	F
Juniper LDP neighbor up syslog	juniper ldp neighbor down syslog	juniper ldp neighbor up syslog		mpls interfaces, label switching table	ILse	F	F	F	0	F	clr	F	T	F
Juniper Link down syslog	juniper link down syslog	juniper link down syslog		ip interface oper status	IIPInterface	F	T	F	0	T	maj	F	T	T
Juniper Link up syslog	juniper link down syslog	juniper link up syslog		ip interface oper status	IIPInterface	F	F	F	0	F	clr	F	T	T

Table 11-7 Juniper JCS Control System Syslog Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Subtype Value	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper OSPF neighbor down syslog	juniper ospf neighbor syslog	juniper ospf neighbor syslog		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper OSPF neighbor up syslog	juniper ospf neighbor syslog	juniper ospf neighbor up syslog		N	IPhysicalLayer	F	F	F	0	T	clr	F	T	F
Juniper sib offline	juniper sib offline	juniper sib offline		N	IModule	F	F	F	0	T	maj	F	T	F
Juniper sib reset	juniper sib reset	juniper sib reset		N	IModule	F	F	F	0	T	maj	F	T	F

Juniper M-Series Syslogs Registry Parameters

Table 11-8 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Juniper M-Series Syslogs Registry Parameters shown in Table 11-3.

Table 11-8 Juniper M-Series Syslogs Registry Parameters

Short Description	Event Type	Event Subtype	Subtype Value	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper BGP neighbor down syslog	juniper bgp neighbor down syslog	juniper bgp neighbor down syslog		bgp-process-state, bgp neighbours	IMpBgp	F	T	F	0	T	maj	F	T	F
Juniper BGP neighbor up syslog	juniper bgp neighbor down syslog	juniper bgp neighbor up syslog		bgp-process-state, bgp neighbours	IMpBgp	F	F	F	0	F	clr	F	T	F

Table 11-8 Juniper M-Series Syslogs Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Subtype Value	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper BGP peer init	juniper bgp peer init	juniper bgp peer init		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper bgp reset	juniper bgp reset	juniper bgp reset		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper BGP Connection Started	juniper bgp started	juniper bgp started		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper BGP task connect	juniper bgp task connect	juniper bgp task connect		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper bgp timeout	juniper bgp timeout	juniper bgp timeout		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper card out syslog	juniper card out syslog	juniper card out syslog		physical command	IModule	F	T	F	0	T	maj	F	T	T
Juniper card in syslog	juniper card out syslog	juniper card in syslog		physical command	IModule	F	F	F	0	F	clr	F	T	T
Juniper fru power off syslog	juniper fru power off syslog	juniper fru power off syslog		physical command	IModule	F	T	F	0	T	maj	F	T	T
Juniper fru power on syslog	juniper fru power off syslog	juniper fru power on syslog		physical command	IModule	F	F	F	0	F	clr	F	T	T
Juniper LDP neighbor down syslog	juniper ldp neighbor down syslog	juniper ldp neighbor down syslog		mpls interfaces, label switching table	ILse	F	T	F	0	T	maj	F	T	F
Juniper LDP neighbor up syslog	juniper ldp neighbor down syslog	juniper ldp neighbor up syslog		mpls interfaces, label switching table	ILse	F	F	F	0	F	clr	F	T	F
Juniper LDP session down syslog	juniper ldp session down syslog	juniper ldp session down syslog		N	ILse	F	T	F	0	T	maj	F	T	F

Table 11-8 Juniper M-Series Syslogs Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Subtype Value	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper LDP session up syslog	juniper ldp session down syslog	juniper ldp session up syslog		N	ILse	F	F	F	0	F	clr	F	T	F
Juniper Link down syslog	juniper link down syslog	juniper link down syslog		ip interface oper status	IIPInterface	F	T	F	0	T	maj	F	T	T
Juniper Link up syslog	juniper link down syslog	juniper link up syslog		ip interface oper status	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF neighbor down syslog	juniper ospf neighbor syslog	juniper ospf neighbor syslog		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper OSPF neighbor up syslog	juniper ospf neighbor syslog	juniper ospf neighbor up syslog		N	IPhysicalLayer	F	F	F	0	T	clr	F	T	F
Juniper sib offline	juniper sib offline	juniper sib offline		N	IModule	F	F	F	0	T	maj	F	T	F
Juniper sib reset	juniper sib reset	juniper sib reset		N	IModule	F	F	F	0	T	maj	F	T	F

Juniper MX-Series Syslogs Registry Parameters

Table 11-9 lists the associated event types, event subtypes, and Cisco ANA registry parameters for the Juniper MX-Series Syslogs Registry Parameters shown in Table 11-4.

Table 11-9 Juniper MX-Series Syslogs Registry Parameters

Short Description	Event Type	Event Subtype	Subtype Value	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper BGP neighbor down syslog	Juniper bgp neighbor down syslog	Juniper bgp neighbor down syslog		bgp-process-state, bgp neighbours	IMpBgp	F	T	F	0	T	maj	F	T	F
Juniper BGP neighbor up syslog	Juniper bgp neighbor down syslog	Juniper bgp neighbor up syslog		bgp-process-state, bgp neighbours	IMpBgp	F	F	F	0	F	clr	F	T	F
Juniper BGP peer init	Juniper bgp peer init	Juniper bgp peer init		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper bgp reset	Juniper bgp reset	Juniper bgp reset		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper BGP Connection Started	Juniper bgp started	Juniper bgp started		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper BGP task connect	Juniper bgp task connect	Juniper bgp task connect		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper bgp timeout	Juniper bgp timeout	Juniper bgp timeout		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper card out syslog	Juniper card out syslog	Juniper card out syslog		physical command	IModule	F	T	F	0	T	maj	F	T	T
Juniper card in syslog	Juniper card out syslog	Juniper card in syslog		physical command	IModule	F	F	F	0	F	clr	F	T	T
Juniper fru power off syslog	Juniper fru power off syslog	Juniper fru power off syslog		physical command	IModule	F	T	F	0	T	maj	F	T	T

Table 11-9 Juniper MX-Series Syslogs Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Subtype Value	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper fru power on syslog	Juniper fru power off syslog	Juniperfru power on syslog		physical command	IModule	F	F	F	0	F	clr	F	T	T
Juniper LDP neighbor down syslog	Juniper ldp neighbor down syslog	Juniper ldp neighbor down syslog		mpls interfaces, label switching table	ILse	F	T	F	0	T	maj	F	T	F
Juniper LDP neighbor up syslog	Juniper ldp neighbor down syslog	Juniper ldp neighbor up syslog		mpls interfaces, label switching table	ILse	F	F	F	0	F	clr	F	T	F
Juniper LDP session down syslog	Juniper ldp session down syslog	Juniper ldp session down syslog		N	ILse	F	T	F	0	T	maj	F	T	F
Juniper LDP session up syslog	Juniper ldp session down syslog	Juniper ldp session up syslog		N	ILse	F	F	F	0	F	clr	F	T	F
Juniper Link down syslog	Juniper link down syslog	Juniper link down syslog		ip interface oper status	IIPInterface	F	T	F	0	T	maj	F	T	T
Juniper Link up syslog	Juniper link down syslog	Juniper link up syslog		ip interface oper status	IIPInterface	F	F	F	0	F	clr	F	T	T
Juniper OSPF neighbor down syslog	Juniper ospf neighbor syslog	Juniper ospf neighbor syslog		N	IPhysicalLayer	T	T	F	0	T	maj	F	T	F
Juniper OSPF neighbor up syslog	Juniper ospf neighbor syslog	Juniper ospf neighbor up syslog		N	IPhysicalLayer	F	F	F	0	T	clr	F	T	F

Table 11-9 Juniper MX-Series Syslogs Registry Parameters (Continued)

Short Description	Event Type	Event Subtype	Subtype Value	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Juniper sib offline	Juniper sib offline	Juniper sib offline		N	IModule	F	F	F	0	T	maj	F	T	F
Juniper sib reset	Juniper sib reset	Juniper sib reset		N	IModule	F	F	F	0	T	maj	F	T	F

Juniper T-Series Syslogs Registry Parameters

Juniper T-Series Syslogs Registry Parameters supported in Cisco ANA is the same as the Juniper M-Series Syslogs Register Parameters. For more details on the Juniper M-Series Syslogs see [Table 11-8](#)

RAD ACE Syslogs Registry Parameters

[Table 11-10](#) lists the associated event types, event subtypes, and Cisco ANA registry parameters for the RAD ACE Syslogs Registry Parameters shown in [Table 11-5](#).

Table 11-10 RAD ACE Syslogs Registry Parameters

Short Description	Event Type	Event Subtype	Subtype Value	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Generic syslog	generic syslog	generic syslog		N	IManagedElement	F	F	F	0	F	info	F	T	F



CHAPTER 12

VNE Customization Builder

This chapter introduces the Virtual Network Element Customization Builder (VCB) in Cisco Active Network Abstraction (Cisco ANA),

This chapter contains the following topics:

- [About the VCB, page 12-1](#)
- [VCB Template Reference, page 12-2](#)

About the VCB

The VCB is a command-line tool for Cisco ANA admin users to add—to an installed Cisco ANA system and for their own support—network elements (NEs), modules, and events, thereby extending what is delivered in Cisco ANA software. The VCB is installed when you install Cisco ANA and is targeted at professional service organizations and other power users.

Use the VCB to customize VNE drivers in the installed Cisco ANA at the customer site for additional discovery and recognition of the following:

- Cards—Enable Cisco ANA to recognize cards that would otherwise be treated as “Unknown”.
- Syslogs and traps—Enable Cisco ANA to process a syslog or a trap as a Cisco ANA event.
- Traps in a MIB—Provide MIBs as input to the VCB to produce a list of unsupported traps for a particular MIB, alternatively to produce an editable script to run to add the unsupported traps as Cisco ANA events.
- NE maintenance software—Enable VNE driver to recognize a maintenance software release of a device assuming that the management interface has not changed.
- Devices that extend an NE type—Clone from an existing VNE driver to manage new devices which has compatible management interface and fit within an existing supported device family.



Note

ANA 3.7.2 and 3.7.3 supports only Cards and Syslogs/Traps that are associated with managed element.

Use the VCB to create user-defined VNE drivers for discovery of unsupported devices based on U-VNE templates. When using a U-VNE template, you must investigate the management interface instrumentation in the device and determine how closely it matches with those used in the U-VNE template.

Customizations using the VCB affect VNE drivers and update the Cisco ANA registry in a safe manner. The VCB enables you to roll back easily; you can remove:

- All VCB customizations with one command, restoring your system to a factory-defined state.
- Selective VCB customizations, using one command per customization that you want to remove.

Because VCB customizations are carried forward during an upgrade to a new version of Cisco ANA, your customizations continue to override any new or updated VNE drivers or newly supported events and modules. The ability to remove changes selectively enables you to discontinue particular overrides only and take advantage of any newly added support.

Briefly, the VCB works as follows:

- You select vcb commands and templates and supply parameters.
- The VCB writes extensions into a local registry file, `site.xml`, thereby avoiding impact on the Cisco ANA code. You do not need to know a great deal about the Cisco ANA registry to use the VCB.
- You verify the extension using your test resources, such as a simulator

For more information about VNE Customization Builder, see [Cisco Active Network Abstraction 3.7.2 Customization User Guide](#).

VCB Template Reference

Module Templates



Note

Module templates are applicable to standard modules only (not pluggable modules). You do not need to use a module template to add a pluggable module.

Module templates define a set of port layers—from the connector at Layer 0 to encapsulation at Layer 2—that are applicable to a module. For example, typical port layers for an OC3 ATM card are:

- Layer 0—Fiber Optic
- Layer 1—OC-3
- Layer 2—ATM

Use module templates to enable developed VNEs to recognize new modules.



Note

You cannot add modules to generic U-VNEs.

Module templates ensure that each port is modeled with the correct port layer information based on the `ifType` obtained from the SNMP MIB output.

Event Templates

Event templates work together to extract information from a syslog or a trap and to generate the keys and the location ID for associating a Cisco ANA event with a managed element device component.

For more information, see the [Cisco Active Network Abstraction 3.7.2 Customization User Guide](#).

Module Groups and Module Specification Files

**Note**

Unlike the modeling that Cisco ANA does for standard modules, Cisco ANA models only the ports for pluggable modules. The only module group for pluggable modules is the pluggable-ports-spec file. The remainder of this section applies to standard modules only (not pluggable modules).

A module group is the name of a vendor-specific module specification file that is stored in the Cisco ANA registry. A module specification file is an XML file that lists supported modules and other properties, such as port layers and sysOID. When you use vcb module commands to add, modify, or delete a module:

- You provide the name of a module specification file as an argument to the -group option.
- The VCB modifies the module specification file: adding, updating, or deleting the module definition.

**Note**

The VCB allows you to update and delete only those modules that you added using the VCB.

Juniper Template Reference

This section contains the following topic:

- [Module Templates, page 12-3](#)
- [Event Templates, page 12-7](#)

Module Templates

This section contains the following topics:

- [Module Groups and Module Specification Files, page 12-3](#)
- [Module Templates by Technology, page 12-9](#)

For more information, see [Module Templates, page 12-2](#)

Module Groups and Module Specification Files

For more information, see [Module Groups and Module Specification Files, page 12-3](#).

Cisco ANA 3.7.2 and 3.7.3 enables you to extend the juniper-junos-physicalspec module specification file.

[Table 12-1](#) summarizes the technologies that are supported and the module templates that are provided in the module specification files. For more information about a module template, use the link in the Technologies column.

Table 12-1 **Module Group Summary for Standard Modules—Cisco ANA Version 3.7.2 and 3.7.3**

Module Group	Technologies	Template Names
juniper-junos-physicalspec	Ethernet (Fixed), page 12-5	- A10GigaEthernet - gigaEthernet - fxp - ethernet-over-baseband - gigabit ethernet over baseband - gigabit-ethernet-over-fiber
	POS (Fixed), page 12-5	ppp over oc48
	POS (Multiload), page 12-5	- ppp over oc12 - ppp over oc192 - ppp-over-oc3
	Channelized T1/E1 (Fixed), page 12-6	- E3Default - E1
	ATM (Fixed), page 12-6	- atmDefault - atm over oc12 - atm over ds3
	ATM (Multiload), page 12-6	- layer2-over-ds3 - layer2-over-oc12 - layer2-over-oc48 - layer2-over-oc3
	Multitechnology, page 12-7	MultiTechnologiesModuleDefault
juniper-screenos-physicalspec	Generic, page 12-7	DefaultLoader
	Ethernet (Fixed), page 12-5	- SfpGigaEthernetDefault - FastEthernetDefault

Module Templates by Technology

This section presents module templates organized by technology:

- [Ethernet \(Fixed\), page 12-5](#)
- [POS \(Fixed\), page 12-5](#)
- [POS \(Multiload\), page 12-5](#)
- [Channelized T1/E1 \(Fixed\), page 12-6](#)
- [ATM \(Fixed\), page 12-6](#)
- [ATM \(Multiload\), page 12-6](#)
- [Multitechnology, page 12-7](#)
- [Generic, page 12-7](#)

Ethernet (Fixed)

[Table 12-2](#) lists module templates for Ethernet (Fixed).

Table 12-2 *Module Templates—Ethernet (Fixed)*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
A10GigaEthernet	Fiber optic	EthernetCSMA/CD	10 Gigabit Ethernet	PIC: 1×10GE(LAN), XENPAK
gigaEthernet	Fiber optic	EthernetCSMA/CD	Gigabit Ethernet	PIC: 10×1GE(LAN)
fxp	RJ45	EthernetCSMA/CD	Ethernet	FPC
ethernet-over-baseband	RJ45	EthernetCSMA/CD	Ethernet	PIC: 4×F/E, 10 BASE-TX
gigabit ethernet over baseband	RJ45	EthernetCSMA/CD	Ethernet	PIC: 2×F/E, 100 BASE-TX
gigabit-ethernet-over-fiber	Fiber optic	EthernetCSMA/CD	Ethernet	PIC: 1×10GE(LAN/WAN) IQ2
SfpGigaEthernetDefault	RJ45	EthernetCSMA/CD	Gigabit Ethernet	Management-Board II, Processing- 8G2
FastEthernetDefault	RJ45	EthernetCSMA/CD	Fast Ethernet	Management-Board II, Processing- 8G2

POS (Fixed)

[Table 12-3](#) lists module templates for POS (Fixed).

Table 12-3 *Module Templates—POS (Fixed)*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
ppp over oc48	Fiber optic	OC48	PPP	

POS (Multiload)

[Table 12-4](#) lists module templates for POS (Multiload).

Table 12-4 *Module Templates—POS (Multiload)*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
ppp over oc12	Fiber optic	OC12	PPP	
ppp over oc192	Fiber optic	OC192	PPP	PIC: 1×OC-192 SM SR1
ppp-over-oc3	Fiber optic	OC3	PPP	jnxM20QuadSonetOc3

Channelized T1/E1 (Fixed)

Table 12-5 lists module templates for Channelized T1/E1 (Fixed).

Table 12-5 *Module Templates—Channelized T1/E1 (Fixed)*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
E3 Default	BNC	DS3	-	
E1	RJ48	DS1	PPP	PIC: 4×E1, RJ48

ATM (Fixed)

Table 12-6 lists module templates for ATM (Fixed).

Table 12-6 *Module Templates—ATM (Fixed)*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
atmDefault	Fiber optic	OC3	ATM	PIC: 2×OC-3 ATM-II IQ, SMIR
atm over oc12	Fiber optic	OC12	ATM	
atm over ds3	BNC	DS3	ATM	jnxM20QuadSonetOc3

ATM (Multiload)

Table 12-7 lists module templates for ATM (Multiload).

Table 12-7 *Module Templates—ATM (Multiload)*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
layer2-over-ds3	BNC	DS3	• PPP • HDLC • Frame relay • ATM	• PIC: 2×T3 • PIC: 10×CHE1 IQ
layer2-over-oc12	Fiber optic	OC12	• PPP • HDLC • Frame relay • ATM	PIC: 1×CHOC12 IQ SONET, SMIR
layer2-over-oc48	Fiber optic	OC48	• PPP • HDLC • Frame relay • ATM	PIC: 1×STM-16 SDH, SMSR
layer2-over-oc3	Fiber optic	OC3	• PPP • HDLC • Frame relay • ATM	PIC: 2×OC-3 SONET, MM

Multitechnology

Table 12-8 lists module templates for Multitechnology.

Table 12-8 *Module Templates—Multitechnology*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
MultiTechnologies ModuleDefault	• RJ11 • RJ45 • RJ48 • Fiber optic • DB60	• EthernetCSMA/CD • DS1 • E1 • OC3 • ADSL • Serial	• Fast Ethernet • Gigabit Ethernet • PPP • HDLC • Frame relay • ATM	

Generic

Table 12-9 lists module templates for Generic.

Table 12-9 *Module Templates—Generic*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
DefaultLoader	RJ45			

Event Templates

Table 12-10 lists the repositories and parsing rules files for Juniper.

Table 12-10 *Parsing Rules and Repositories*

Parsing Rules Files	Repository Files
Select based on the scheme and whether you are adding support for a trap or a syslog: • product scheme: – juniper-syslog-product-parsing-rules – juniper-trap-product-parsing-rules • ipcore scheme: – juniper-syslog-ipcore-parsing-rules – juniper-trap-ipcore-parsing-rules – juniper-netscreen-trap-ipcore-parsing-rules	Select based on whether you are supporting a syslog or a trap: • Syslog: – juniper-syslog-repository • Trap: – juniper-traps-repository – mib2-trap-repository¹ – juniper-netscreen-trap-repository

1. Select mib2-trap-repository when you are adding a standard MIB-II trap. Otherwise, select juniper-traps-repository.

Alcatel Template Reference

This section contains the following topic:

- [Module Templates, page 12-8](#)
- [Event Templates, page 12-14](#)

Module Templates

This section contains the following topics:

- [Module Groups and Module Specification Files, page 12-8](#)
- [Module Templates by Technology, page 12-9](#)

For more information, see [Module Templates, page 12-2](#).

Module Groups and Module Specification Files

For more information, see [Module Groups and Module Specification Files, page 12-3](#).

Cisco ANA 3.7.2 and 3.7.3 enables you to extend the alcatel-ess-physicalspec module specification files.

[Table 12-11](#) summarizes the technologies that are supported and the module templates that are provided in the module specification files. For more information about a module template, use the link in the Technologies column.

Table 12-11 *Module Group Summary for Standard Modules—Cisco ANA Version 3.7.2 and 3.7.3*

Module Group	Technologies	Template Names
alcatel-ess-physicalspec	Ethernet(Fixed), page 12-9	• ethernetDefault • faEthernetDefault • gigaEthernetDefault
	Channelized OCXX (Fixed), page 12-13	• OC3-default • OC12-default • OC48-default
alcatel-sar-physical-spec	Ethernet(Fixed), page 12-9	• ethernetDefault • ethernetRJ48Default • ethernetFiberDefault • faEthernetDefault • faEthernetRJ48Default • faEthernetFiberDefault • gigaRJ48Default • gigaEthernetFiberDefault • gigaEthernetDefault
	Channelized OCXX (Fixed), page 12-13	• OC12-default • OC3-default • OC48-default

Table 12-11 **Module Group Summary for Standard Modules—Cisco ANA Version 3.7.2 and 3.7.3**

Module Group	Technologies	Template Names
alcatel-sr-physical-spec	Ethernet(Fixed), page 12-9	• ethernetDefault • ethernetRJ48Default • ethernetFiberDefault • faEthernetDefault • faEthernetRJ48Default • faEthernetFiberDefault • gigaRJ48Default • gigaEthernetFiberDefault • gigaEthernetDefault
	Channelized OCXX (Fixed), page 12-13	• OC12-default • OC3-default • OC48-default • OC192-default
alcatelasamphyspec	Ethernet(Fixed), page 12-9	• 117 • 6
	ATM (Fixed), page 12-11	• 168 • 18 • 19 • 249 • 30 • 39 • 94

Module Templates by Technology

This section presents module templates organized by technology:

- [Ethernet\(Fixed\), page 12-9](#)
- [Channelized OCXX \(Fixed\), page 12-13](#)

Ethernet(Fixed)

[Table 12-12](#) lists module templates for Ethernet(Fixed) for Alcatel-Lucent 7450 ESS.

Table 12-12 *Module Templates—Ethernet(Fixed) for Alcatel-Lucent 7450 ESS*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
ethernetDefault	RJ45	EthernetCSMA /CD	- Ethernet - Fast Ethernet - Gigabit Ethernet	MDA 20 Ports 10/100/1000 Ethernet TX
faEthernetDefault	RJ45	EthernetCSMA /CD	Fast Ethernet	MDA 60 Ports 10/100 Ethernet TX
gigaEthernetDefault	Fiber Optic	EthernetCSMA /CD	Gigabit Ethernet	MDA 10 Ports 1-Gigabit Ethernet SFP

Table 12-13 lists module templates for Ethernet(Fixed) for Alcatel-Lucent 7705 SAR.

Table 12-13 *Module Templates—Ethernet(Fixed) for Alcatel-Lucent 7705 SAR*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
ethernetDefault	RJ45	EthernetCSMA /CD	- Ethernet - Fast Ethernet - Gigabit Ethernet	MDA 6 10/100 Ethernet, 2 Port 1-Gigabit SFP
ethernetRJ48Default	RJ48	EthernetCSMA /CD	- Ethernet - Fast Ethernet - Gigabit Ethernet	MDA 6 10/100 Ethernet, 2 Port 1-Gigabit SFP
ethernetFiberDefault	Fiber optic	EthernetCSMA /CD	- Ethernet - Fast Ethernet - Gigabit Ethernet	MDA 6 10/100 Ethernet, 2 Port 1-Gigabit SFP
faEthernetDefault	RJ45	EthernetCSMA /CD	Fast Ethernet	MDA 6 10/100 Ethernet, 2 Port 1-Gigabit SFP
faEthernetRJ48Default	RJ48	EthernetCSMA /CD	Fast Ethernet	MDA 6 10/100 Ethernet, 2 Port 1-Gigabit SFP
faEthernetFiberDefault	Fiber optic	EthernetCSMA /CD	Fast Ethernet	MDA 6 10/100 Ethernet, 2 Port 1-Gigabit SFP
gigaEthernetDefault	RJ45	EthernetCSMA /CD	Gigabit Ethernet	MDA 6 10/100 Ethernet, 2 Port 1-Gigabit SFP

Table 12-13 *Module Templates—Ethernet(Fixed) for Alcatel-Lucent 7705 SAR (Continued)*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
gigaRJ48Default	RJ48	EthernetCSMA/CD	Gigabit Ethernet	MDA 6 10/100 Ethernet, 2 Port 1-Gigabit SFP
gigaEthernetFiberDefault	Fiber optic	EthernetCSMA/CD	Gigabit Ethernet	MDA 6 10/100 Ethernet, 2 Port 1-Gigabit SFP

Table 12-14 lists module templates for Ethernet(Fixed) for Alcatel-Lucent ATM Subscriber Access Multiplexer.

Table 12-14 *Module Templates—Ethernet(Fixed) for Alcatel-Lucent ATM Subscriber Access Multiplexer*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
117	RJ45	EthernetCSMA/CD	Gigabit Ethernet	
6	RJ45	EthernetCSMA/CD	Fast Ethernet	

ATM (Fixed)

Table 12-15 lists module templates for ATM (Fixed) for Alcatel-Lucent ATM Subscriber Access Multiplexer.

Table 12-15 *Module Templates—ATM (Fixed) Alcatel-Lucent ATM Subscriber Access Multiplexer*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
169	RJ11	SHDSL	EdgeATM	
18	BNC	DS1	ATM	
19	RJ48	DS1		
249	RJ11	ADSL2	EdgeATM	
30	BNC	DS3	ATM	
39	FiberOptic	OC3	ATM	
94	RJ11	ADSL	EdgeATM	

Table 12-16 lists module templates for Ethernet(Fixed) for Alcatel-Lucent 7750/7710 SR.

Table 12-16 Module Templates—Ethernet(Fixed) for Alcatel-Lucent 7750/7710 SR

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
ethernetDefault	RJ45	EthernetCSMA /CD	- Ethernet - Fast Ethernet - Gigabit Ethernet	MDA 10-Port 10/100/1000 Ethernet Extended Performance SFP
ethernetRJ48Default	RJ48	EthernetCSMA /CD	- Ethernet - Fast Ethernet - Gigabit Ethernet	MDA 10-Port 10/100/1000 Ethernet Extended Performance SFP
ethernetFiberDefault	Fiber optic	EthernetCSMA /CD	- Ethernet - Fast Ethernet - Gigabit Ethernet	MDA 10-Port 10/100/1000 Ethernet Extended Performance SFP
faEthernetDefault	RJ45	EthernetCSMA /CD	Fast Ethernet	MDA 10-Port 10/100/1000 Ethernet Extended Performance SFP
faEthernetRJ48Default	RJ48	EthernetCSMA /CD	Fast Ethernet	MDA 10-Port 10/100/1000 Ethernet Extended Performance SFP
faEthernetFiberDefault	Fiber optic	EthernetCSMA /CD	Fast Ethernet	MDA 10-Port 10/100/1000 Ethernet Extended Performance SFP
gigaEthernetDefault	RJ45	EthernetCSMA /CD	Gigabit Ethernet	MDA 10-Port 10/100/1000 Ethernet Extended Performance SFP
gigaRJ48Default	RJ48	EthernetCSMA /CD	Gigabit Ethernet	MDA 10-Port 10/100/1000 Ethernet Extended Performance SFP
gigaEthernetFiberDefault	Fiber optic	EthernetCSMA /CD	Gigabit Ethernet	MDA 10-Port 10/100/1000 Ethernet Extended Performance SFP

Channelized OCXX (Fixed)

[Table 12-17](#) lists module templates for Channelized OCXX (Fixed) for Alcatel-Lucent 7450 ESS.

Table 12-17 Module Templates—Channelized OCXX (Fixed) for Alcatel-Lucent 7450 ESS

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
OC3-default	Fiber optic	OC3	-	MDA 16 Ports OC3 SFP
OC12-default	Fiber optic	OC12	-	MDA 16 Ports OC12/OC3 SFP
OC48-default	Fiber optic	OC48	-	MDA 4 Ports OC48 SFP

[Table 12-18](#) lists module templates for Channelized OCXX (Fixed) for Alcatel-Lucent 7705 SAR.

Table 12-18 Module Templates—Channelized OCXX (Fixed) for Alcatel-Lucent 7705 SAR

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
OC3-default	Fiber optic	OC3	-	MDA 4 Port OC3 SFP
OC12-default	Fiber optic	OC12	-	-
OC48-default	Fiber optic	OC48	-	-
OC192-default	Fiber optic	OC192	-	-

[Table 12-19](#) lists module templates for Channelized OCXX (Fixed) for Alcatel-Lucent 7750/7710 SR.

Table 12-19 Module Templates—Channelized OCXX (Fixed) for Alcatel-Lucent 7750/7710 SR

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
OC3-default	Fiber optic	OC3	-	MDA 8-Port OC3 SFP
OC12-default	Fiber optic	OC12	-	MDA 4-Port ATM OC12/OC3
OC48-default	Fiber optic	OC48	-	MDA 2 Ports OC48 SFP
OC192-default	Fiber optic	OC192	-	MDA 1-Port OC192

Event Templates

Table 12-20 lists the repositories and parsing rules files for Alcatel.

Table 12-20 Parsing Rules and Repositories

Parsing Rules Files	Repository Files
Select based on the scheme and whether you are adding support for a trap or a syslog: - product scheme: - alcatel-ess-syslog-product-parsing-rules - alcatel-ess-trap-product-parsing-rules - alcatel-sar-syslog-product-parsing-rules - alcatel-sar-trap-product-parsing-rules - alcatel-sr-syslog-ipcore-parsing-rules - alcatel-sr-trap-ipcore-parsing-rules - alcatel-asam-trap-product-parsing-rules	Select based on whether you are supporting a syslog or a trap: - Trap: - alcatel-7450-trap-repository - alcatel-7705-trap-repository - alcatel-7750/7710-trap-repository - mib2-trap-repository¹ - alcatel-trap-repository

1. Select mib2-trap-repository when you are adding a standard MIB-II trap. Otherwise, select alcatel-7450-trap-repository.

Huawei Template Reference

This section contains the following topic:

- Module Templates, page 12-14
- Event Templates, page 12-18

Module Templates

This section contains the following topics:

- Module Groups and Module Specification Files, page 12-14
- Module Templates by Technology, page 12-15

For more information, see [Module Templates, page 12-2](#).

Module Groups and Module Specification Files

For more information, see [Module Groups and Module Specification Files, page 12-3](#).

Cisco ANA 3.7.2 and 3.7.3 enables you to extend the huawei-trs-physicalspec module specification files.

Table 12-21 summarizes the technologies that are supported and the module templates that are provided in the module specification files. For more information about a module template, use the link in the Technologies column.

Table 12-21 **Module Group Summary for Standard Modules—Cisco ANA Version 3.7.2 and 3.7.3**

Module Group	Technologies	Template Names
huawei-trs-physicalspec	Ethernet(Fixed), page 12-15	• ethernetDefault • ethernet-default-over-optic • gigaEthernetDefault • A10GigaEthernet • ethernetFiberDefault • gigaEthernet • ethernetDefault1 • fastEthernetFiberDefault • gigaEthernetFiberDefault • fastEthernetDefault
	Ethernet (Multiloader), page 12-16	E1OrEthOrGig
	Channelized T1/E1, page 12-17	E1Default
	ATM (Fixed), page 12-17	• DS1Default • AtmDefault
	POS (Fixed), page 12-17	• FiberDefault-pos • FiberDefault-pos-ppp
	Generic, page 12-17	generic-port
	Multitechnology, page 12-18	MultiTechnologiesModuleDefault

Module Templates by Technology

This section presents module templates organized by technology:

- [Ethernet\(Fixed\), page 12-15](#)
- [Ethernet \(Multiloader\), page 12-16](#)
- [Channelized T1/E1, page 12-17](#)
- [ATM \(Fixed\), page 12-17](#)
- [POS \(Fixed\), page 12-17](#)
- [Generic, page 12-17](#)
- [Multitechnology, page 12-18](#)

Ethernet(Fixed)

[Table 12-22](#) lists module templates for Ethernet(Fixed).

Table 12-22 *Module Templates—Ethernet(Fixed)*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
ethernetDefault	RJ45	EthernetCSMA/CD	- Ethernet - Fast Ethernet 10 Gigabit Ethernet - Gigabit Ethernet	
ethernet-default-over-optic	Fiber optic	EthernetCSMA/CD	- Ethernet - Fast Ethernet 10 Gigabit Ethernet - Gigabit Ethernet	G24SC
gigaEthernetDefault	RJ45	Ethernet CSMA/CD	Gigabit Ethernet	AND1EG2
A10GigaEthernet	Fiber optic	Ethernet CSMA/CD	10 Gigabit Ethernet	CR52L2XXNB
ethernetFiberDefault	Fiber optic	Ethernet CSMA/CD	Ethernet	CR52EEGFNB
gigaEthernet	Fiber optic	Ethernet CSMA/CD	Gigabit Ethernet	
ethernetDefault1	RJ45	Ethernet CSMA/CD	Ethernet	AND1VIRCARD
fastEthernetFiberDefault	Fiber optic	Ethernet CSMA/CD	Ethernet	CR52EEGFNB
gigaEthernetFiberDefault	Fiber optic	Ethernet CSMA/CD	Gigabit Ethernet	CR52EEGFNB
fastEthernetDefault	RJ45	Ethernet CSMA/CD	Fast Ethernet	AND1VIRCARD

Ethernet (Multiloader)

[Table 12-23](#) lists module templates for Ethernet (Multiloader).

Table 12-23 *Module Templates—Ethernet (Multiloader)*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
E1OrEthOrGig	RJ45	E1		

Channelized T1/E1

[Table 12-24](#) lists module templates for Channelized T1/E1.

Table 12-24 *Module Templates—Channelized T1/E1*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
E1Default	RJ45	E1		AND1VIRCARD

ATM (Fixed)

[Table 12-25](#) lists module templates for ATM (Fixed).

Table 12-25 *Module Templates—ATM (Fixed)*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
DS1Default	DS1 connector	DS1		AND1VIRCARD
AtmDefault	Fiber optic	OC3	ATM	CR53A4CF

POS (Fixed)

[Table 12-26](#) lists module templates for POS (Fixed).

Table 12-26 *Module Templates—POS (Fixed)*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
FiberDefault-pos	Fiber optic	OC3	PPP	CX67C1CF0
FiberDefault-pos-ppp	Fiber optic	OC3	PPP	CR53P8CF

Generic

[Table 12-27](#) lists module templates for Generic.

Table 12-27 *Module Templates—Generic*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
generic-port	POS Connector	Generic Layer 1	Generic Layer 2	

Multitechnology

Table 12-28 lists module templates for Multitechnology.

Table 12-28 *Module Templates—Multitechnology*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
MultiTechnologies ModuleDefault	• RJ11 • RJ45 • RJ48 • Fiber optic • DB60	• EthernetCSMA/CD • DS1 • E1 • OC3 • ADSL • Serial	• Fast Ethernet • Gigabit Ethernet • PPP • HDLC • Frame relay • ATM	

Event Templates

Table 12-29 lists the repositories and parsing rules files for Huawei.

Table 12-29 *Parsing Rules and Repositories*

Parsing Rules Files	Repository Files
Select based on the scheme and whether you are adding support for a trap or a syslog: • product scheme: – huawei-trs-trap-ipcore-parsing-rules	Select based on whether you are supporting a syslog or a trap: • Trap: – mib2-trap-repository¹ – huawei-trap-repository

1. Select mib2-trap-repository when you are adding a standard MIB-II trap. Otherwise, select alcatel-7450-trap-repository.

Tellabs Template Reference

This section contains the following topic:

- [Module Templates, page 12-14](#)
- [Event Templates, page 12-20](#)

Module Templates

This section contains the following topics:

- [Module Groups and Module Specification Files, page 12-14](#)
- [Module Templates by Technology, page 12-15](#)

For more information, see [Module Templates, page 12-2](#).

Module Groups and Module Specification Files

For more information, see [Module Groups and Module Specification Files, page 12-3](#).

Cisco ANA 3.7.2 and 3.7.3 enables you to extend the tellabs-msr-physicalspec module specification files.

[Table 12-21](#) summarizes the technologies that are supported and the module templates that are provided in the module specification files. For more information about a module template, use the link in the Technologies column.

Table 12-30 *Module Group Summary for Standard Modules—Cisco ANA Version 3.7.2 and 3.7.3*

Module Group	Technologies	Template Names
tellabs-msr-physicalspec	Ethernet(Fixed), page 12-19	- A10GigaEthernet - GigabitEthernetDefault - FastEthernetDefault
	ATM (Fixed), page 12-20	- E3Default - ADSL2Default - DS1Default - SHDSLDefault
	Generic, page 12-20	DefaultLoader

Module Templates by Technology

This section presents module templates organized by technology:

- [Ethernet\(Fixed\), page 12-19](#)
- [ATM \(Fixed\), page 12-20](#)
- [Generic, page 12-20](#)

Ethernet(Fixed)

[Table 12-31](#) lists module templates for Ethernet(Fixed).

Table 12-31 *Module Templates—Ethernet(Fixed)*

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
A10GigaEthernet	Fiber optic	EthernetCSMA/CD	10 Gigabit Ethernet	
GigabitEthernetDefault	Fiber optic	EthernetCSMA/CD	Gigabit Ethernet	
FastEthernetDefault	RJ45	EthernetCSMA/CD	Fast Ethernet	

ATM (Fixed)

Table 12-32 lists module templates for ATM (Fixed).

Table 12-32 Module Templates—ATM (Fixed)

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
ADSL2Default	RJ45	ADSL2		
DS1Default	RJ45	DS1	ATM	
E3Default	BNC	DS3		
SHDSLDefault	RJ45	SHDSL	EdgeATM	

Generic

Table 12-33 lists module templates for Generic.

Table 12-33 Module Templates—Generic

Template Name	Layer 0	Layer 1	Layer 2	Examples Modules
DefaultLoader	RJ45			

Event Templates

Table 12-34 lists the repositories and parsing rules files for Tellabs.

Table 12-34 Parsing Rules and Repositories

Parsing Rules Files	Repository Files
Select based on the scheme and whether you are adding support for a trap or a syslog: - product scheme: - tellabs-msr-trap-product-parsing-rules	Select based on whether you are supporting a syslog or a trap: - Trap: - tellabs-trap-repository - tellabs-msr-trap-repository - mib2-trap-repository¹

1. Select mib2-trap-repository when you are adding a standard MIB-II trap. Otherwise, select alcatel-7450-trap-repository.