AOS-CX 10.16.xxxx Event Log Message Reference Guide

All Switch Series

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Chapter 1
About this document

This document describes features of the AOS-CX network operating system. It is intended for administrators responsible for installing, configuring, and managing HPE Aruba Networking switches on a network.

Applicable products

This document applies to the following products:

- HPE Aruba Networking 4100i Switch Series (JL817A, JL818A)
- HPE Aruba Networking 6000 Switch Series (R8N85A, R8N86A, R8N87A, R8N88A, R8N89A, R9Y03A, S4R20A, S4R21A, S4R22A, S4R23A, S4R24A, S4R25A, S4R26A, S4R27A, S4R28, S4R29A)
- HPE Aruba Networking 6100 Switch Series (JL675A, JL676A, JL677A, JL678A, JL679A)
- HPE Aruba Networking 5420 Switch Series (S0U67A, S0U55A, S0U63A, S0U64A, S0U65A, S0U75A, S0U72A, S0U78A, S0U58A, S0U73A, S0U74A, S0U71A, S0U76A, S0U70A, S0U77A, S0U60A, S0U61A, S0U62A, S0U66A, S0U68A)
- HPE Aruba Networking 6200 Switch Series (JL724A, JL725A, JL726A, JL727A, JL728A, R8Q67A, R8Q68A, R8Q69A, R8Q70A, R8Q71A, R8V08A, R8V09A, R8V10A, R8V11A, R8V12A, R8Q72A, JL724B, JL725B, JL726B, JL727B, JL728B, S0M81A, S0M82A, S0M83A, S0M84A, S0M85A, S0M86A, S0M87A, S0M88A, S0M89A, S0M90A, S0G13A, S0G14A, S0G15A, S0G16A, S0G17A)
- HPE Aruba Networking 6300 Switch Series (JL658A, JL659A, JL660A, JL661A, JL662A, JL663A, JL664A, JL665A, JL666A, JL667A, JL668A, JL762A, R8S89A, R8S90A, R8S91A, R8S92A, S0E91A, S0X44A, S3L75A, S3L76A, S3L77A, S4P41A,S4P42A, S4P43A, S4P44A, S4P45A, S4P46A, S4P47A, S4P48A)
- HPE Aruba Networking 6400 Switch Series (R0X31A, R0X38B, R0X38C, R0X39B, R0X39C, R0X40B, R0X40C, R0X41A, R0X41C, R0X42A, R0X42C, R0X43A, R0X43C, R0X44A, R0X44C, R0X45A, R0X45C, R0X26A, R0X27A, JL741A, S0E48A,S0E48A #0D1, S1T83A, S1T83A #0D1)
- HPE Aruba Networking 8100 Switch Series (R9W94A, R9W95A, R9W96A, R9W97A)
- HPE Aruba Networking 8320 Switch Series (JL479A, JL579A, JL581A)
- HPE Aruba Networking 8325 Switch Series (JL624A, JL625A, JL626A, JL627A)
- HPE Aruba Networking 8325H Switch Series (S4B20A, S4B21A, S4B22A, S4B23A, S2T42A, S2T46A, S2T47A, S2T48A)
- HPE Aruba Networking 8325P Switch Series (S0G12A, S4A48A)
- HPE Aruba Networking 8360 Switch Series (JL700A, JL701A, JL702A, JL703A, JL706A, JL707A, JL708A, JL709A, JL710A, JL711A, JL700C, JL701C, JL702C, JL703C, JL706C, JL707C, JL708C, JL709C, JL710C, JL711C, JL704C, JL705C, JL719C, JL718C, JL717C, JL720C, JL722C, JL721C)
- HPE Aruba Networking 8400 Switch Series (JL366A, JL363A, JL687A)
- HPE Aruba Networking 9300 Switch Series (R9A29A, R9A30A, R8Z96A, S0F81A, S0F82A, S0F83A)
- HPE Aruba Networking 9300S Switch Series (S0F81A, S0F82A, S0F83A, S0F84A, S0F85A, S0F86A, S0F88A, S0F95A, S0F96A)
- HPE Aruba Networking 10000 Switch Series (R8P13A, R8P14A)
- HPE Aruba Networking 10040 Switch Series (S4R58A, S4R59A)

Latest version available online

Updates to this document can occur after initial publication. For the latest versions of product documentation, see the links provided in Support and Other Resources.

Command syntax notation conventions

Convention	Usage
example-text	Identifies commands and their options and operands, code examples, filenames, pathnames, and output displayed in a command window. Items that appear like the example text in the previous column are to be entered exactly as shown and are required unless enclosed in brackets (**[ ]**).
example-text	In code and screen examples, indicates text entered by a user.
Any of the following: ■ *<example-text>* ■ <example-text> ■ *example-text* ■ *example-text*	Identifies a placeholder—such as a parameter or a variable—that you must substitute with an actual value in a command or in code: ■ For output formats where italic text cannot be displayed, variables are enclosed in angle brackets (**< >**). Substitute the text—including the enclosing angle brackets—with an actual value. ■ For output formats where italic text can be displayed, variables might or might not be enclosed in angle brackets. Substitute the text including the enclosing angle brackets, if any, with an actual value.
|	Vertical bar. A logical **OR** that separates multiple items from which you can choose only one. Any spaces that are on either side of the vertical bar are included for readability and are not a required part of the command syntax.
{ }	Braces. Indicates that at least one of the enclosed items is required.
[ ]	Brackets. Indicates that the enclosed item or items are optional.
... or ...	Ellipsis: ■ In code and screen examples, a vertical or horizontal ellipsis indicates an omission of information. ■ In syntax using brackets and braces, an ellipsis indicates items that can be repeated. When an item followed by ellipses is enclosed in brackets, zero or more items can be specified.

About the examples

Examples in this document are representative and might not match your particular switch or environment.

The slot and port numbers in this document are for illustration only and might be unavailable on your switch.

Understanding the CLI prompts

When illustrating the prompts in the command line interface (CLI), this document uses the generic term **switch**, instead of the host name of the switch. For example:

```
switch>
```

The CLI prompt indicates the current command context. For example:

```
switch>
```

Indicates the operator command context.

```
switch#
```

Indicates the manager command context.

```
switch(CONTEXT-NAME)#
```

Indicates the configuration context for a feature. For example:

```
switch(config-if)#
```

Identifies the **interface** context.

Variable information in CLI prompts

In certain configuration contexts, the prompt may include variable information. For example, when in the VLAN configuration context, a VLAN number appears in the prompt:

```
switch(config-vlan-100)#
```

When referring to this context, this document uses the syntax:

```
switch(config-vlan-<VLAN-ID>)#
```

Where <*VLAN-ID*> is a variable representing the VLAN number.

Identifying switch ports and interfaces

Physical ports on the switch and their corresponding logical software interfaces are identified using the format: ***member/slot/port*.**

On the HPE Aruba Networking 4100i Switch Series

- *member*: Always 1. VSF is not supported on this switch.
- *slot*: Always 1. This is not a modular switch, so there are no slots.
- *port*: Physical number of a port on the switch.

For example, the logical interface **1/1/4** in software is associated with physical port 4 on the switch.

On the HPE Aruba Networking 6000 and 6100 Switch Series

- *member*: Always 1. VSF is not supported on this switch.
- *slot*: Always 1. This is not a modular switch, so there are no slots.
- *port*: Physical number of a port on the switch.

For example, the logical interface **1/1/4** in software is associated with physical port 4 on the switch.

On the HPE Aruba Networking 6200 Switch Series

- *member*: Member number of the switch in a Virtual Switching Framework (VSF) stack. Range: 1 to 8. The primary switch is always member 1. If the switch is not a member of a VSF stack, then member is 1.
- *slot*: Always 1. This is not a modular switch, so there are no slots.
- *port*: Physical number of a port on the switch.

For example, the logical interface **1/1/4** in software is associated with physical port 4 in slot 1 on member 1.

On the HPE Aruba Networking 6300 Switch Series

- *member*: Member number of the switch in a Virtual Switching Framework (VSF) stack. Range: 1 to 10. The primary switch is always member 1. If the switch is not a member of a VSF stack, then member is 1.
- *slot*: Always 1. This is not a modular switch, so there are no slots.
- *port*: Physical number of a port on the switch.

For example, the logical interface **1/1/4** in software is associated with physical port 4 on member 1.

On the HPE Aruba Networking 6400 and 5420 Switch Series

- *member*: Always 1. VSF is not supported on this switch.
- *slot*: Specifies physical location of a module in the switch chassis.
  - Management modules are on the front of the switch in slots 1/1 and 1/2.
  - Line modules are on the front of the switch starting in slot 1/3.
- *port*: Physical number of a port on a line module.

For example, the logical interface **1/3/4** in software is associated with physical port 4 in slot 3 on member 1.

On the HPE Aruba Networking 8xxx, 93xx, and 10xxx Switch Series

- *member*: Always 1. VSF is not supported on this switch.
- *slot*: Always 1. This is not a modular switch, so there are no slots.
- *port*: Physical number of a port on the switch.

For example, the logical interface **1/1/4** in software is associated with physical port 4 on the switch.

If using breakout cables, the port designation changes to x:y, where x is the physical port and y is the lane when split. For example, the logical interface 1/1/4:2 in software is associated with lane 2 on physical port 4 in slot 1 on member 1.

On the HPE Aruba Networking 8400 Switch Series

- *member*: Always 1. VSF is not supported on this switch.
- *slot*: Specifies physical location of a module in the switch chassis.
  - Management modules are on the front of the switch in slots 1/5 and 1/6.
  - Line modules are on the front of the switch in slots 1/1 through 1/4, and 1/7 through 1/10.
- *port*: Physical number of a port on a line module

For example, the logical interface **1/1/4** in software is associated with physical port 4 in slot 1 on member 1.

Identifying modular switch components

- Power supplies are on the front of the switch behind the bezel above the management modules. Power supplies are labeled in software in the format: *member/power supply*:
  - *member*: 1.
  - *power supply*: 1 to 4.

- Fans are on the rear of the switch and are labeled in software as: *member/tray/fan*:
  - *member*: 1.
  - *tray*: 1 to 4.
  - *fan*: 1 to 4.
- Fabric modules are not labeled on the switch but are labeled in software in the format: *member/module*:
  - *member*: 1.
  - *member*: 1 or 2.
- The display module on the rear of the switch is not labeled with a member or slot number.

Event Log Message Format

The event log messages generated by a switch include its origin, severity, ID, module role, and module ID. The following table lists the event log message fields and its descriptions.

Table 1: *Event Log Message Fields*

Field	Description
Message origin	The origin message of the event.
Event ID	The unique event ID of the log message.
Severity	The severity of the log message.
Module Role	The module role from which the log message was generated.
Module ID	The module ID from which the log message was generated.
Message	The event log message.

The severity of any event log message indicates the nature of the event and the action the user is required to perform. The following table lists the supported severities and its indications.

Table 2: *Event Log Severities*

Severity	Description
DEBUG	Debug messages
INFO	Informational messages
NOTICE	An issue with a significant condition
WARN	Warning condition
ERR	An error in the system
CRI	Critical condition
ALERT	Immediate action needed
EMERG	System is unusable

Listed below are the module roles and its descriptions generated by the event log messages:

- **AMM** — Active Management Module
- **SMM** — Standby Management Module
- **UMM** — Unassigned Management Module
- **LC** —Line card

For event logs generated during an early boot or when the module role is not determined by the chassis switch, the module role will be set to **UMM**. After the module role is determined, the event logs are updated with **AMM** or **SMM**.
Listed below are the module roles and its descriptions generated by the event log messages for a VSF stack:

- **CDTR**—Conductor
- **STBY**—Standby
- **MMBR**—Member
- **UKWN**—Unknown

For event logs generated during VSF discovery or when the VSF role is not determined by the VSF stack , the module role will be set to **UKWN.** After the VSF role is determined, the event logs are updated either with **CDTR**, **STBY**, or **MMBR**.

Chapter 2
AAA events

The following are the events related to AAA.

Event ID: 2301

Message	AAA <*aaa_config_type*> update: <*aaa_config_event*>
Category	AAA
Severity	Info
Description	Logs AAA Authentication/Authorization/Accounting/fail-through

Event ID: 2302

Message	TACACS <*tacacs_type*> <*tacacs_action*>: <*tacacs_event*>
Category	AAA
Severity	Info
Description	Logs TACACS+ server update, server group update and global default update

Event ID: 2303

Message	RADIUS <*radius_type*> <*radius_action*>: <*radius_event*>
Category	AAA
Severity	Info
Description	Logs RADIUS server update, server group update and global default update

Event ID: 2304

Message	RADIUS Server with Address:<*server_address*>, Authport:<*server_authport*>, VRF_ID:<*server_vrfid*> is "<*status*>"
Category	AAA
Severity	Info
Description	Logs changes in RADIUS server reachability status

Event ID: 2305

Message	TACACS server host <*server_address*> port <*server_port*> vrf <*server_vrf*> <*status*>
Category	AAA
Severity	Info
Description	Logs changes in TACACS server reachability status

Event ID: 2306

Message	RADIUS Server route with Address:<*server_address*>, VRF_ID:<*server_vrfid*> is "<*status*>"
Category	AAA
Severity	Info
Description	Logs changes in RADIUS server route reachability status

Event ID: 2307

Message	Decrypted TACACS passkey length {key_length} exceeded the maximum allowed plaintext key length {max_key_length}
Category	AAA
Severity	Error
Description	Decrypted TACACS server key length exceeded the maximum length allowed

Chapter 3
Accounting events

The following are the events related to accounting.

Event ID: 13101

Message	SSH session from {ip_address} for user {user_name} closed due to inactivity.'
Category	Accounting
Severity	Info
Description	Logs a message when a SSH session timed out due to the session being idle

Event ID: 13102

Message	TELNET session from <*ip_address*> with User <*user_name*> timed out due to idle timeout.
Category	Accounting
Severity	Info
Description	Logs a message when a TELNET session timed out due to the session being idle

Event ID: 13103

Message	CONSOLE session from <*ip_address*> with User <*user_name*> timed out due to idle timeout.
Category	Accounting
Severity	Info
Description	Logs a message when a CONSOLE session timed out due to the session being idle

Chapter 4
ACLs events

The following are the events related to ACLs.

Event ID: 10001

Message	*<log>*
Category	ACLs
Severity	Info
Description	ACL log

Event ID: 10002

Message	ACL {acl_name} ({acl_type}) {interface_name} ({direction}): {hit_delta} {ace_string}
Category	ACLs
Severity	Info
Description	ACL log statistics

Event ID: 10003

Message	ACL <*acl_type*> <*acl_name*> failed to apply on <*application*>
Category	ACLs
Severity	Error
Description	ACL application failure

Chapter 5
Alarm events

The following are the events related to alarm.

Event ID: 11701

Message	Input alarm <*id*> config change: name: <*name*>, relay: <*relay*>, log_and_trap: <*log_and_trap*>, trigger: <*trigger*>
Category	Alarm
Severity	Information
Description	Event reported when there is a change in input alarm configuration.

Event ID: 11702

Message	System alarm (<*type*>) config change: relay: <*relay*>, log_and_trap: <*log_and_trap*>
Category	Alarm
Severity	Information
Description	Event reported when there is a change in system alarm configuration.

Event ID: 11703

Message	System alarm <*name*> has activated through log-and-trap': yes
Category	Alarm
Severity	Information
Description	Event reported when system alarm has activated

Event ID: 11704

Message	Input alarm <*name*> has activated through log-and-trap, triggered at <*trigger*>': yes
Category	Alarm
Severity	Information
Description	Event reported when input alarm has activated

Event ID: 11705

Message	Snooze alarm activated, disabling relay function for <*length*> min': yes
Category	Alarm
Severity	Information
Description	Event reported when alarm snooze timer has activated

Event ID: 11706

Message	Snooze alarm has expired': yes
Category	Alarm
Severity	Information
Description	Event reported when alarm snooze timer has expired

Event ID: 11707

Message	Alarm relay function is re-enabled': yes
Category	Alarm
Severity	Information
Description	Event reported when alarm relay function is re-enabled

Event ID: 11708

Message	Snooze alarm repeats, disabling relay function for <*length*> min': yes
Category	Alarm
Severity	Information
Description	Event reported when alarm snooze timer repeats

Event ID: 11709

Message	System alarm <*name*> has activated through relay
Category	Alarm
Severity	Information
Description	Event reported when system alarm has activated through relay

Event ID: 11710

Message	Input alarm <*name*> has activated through relay, triggered at <*trigger*>

Category	Alarm
Severity	Information
Description	Event reported when input alarm has activated through relay

ARC events

The following are the events related to Application Recognition and Control (ARC).

Event ID: 14101

Message	*<log>App Recognition feature has been {status} - event_name: ARCD_LC_STATUS_CHANGE*
Category	ARC
Severity	Info
Description	Log event that indicates global configuration for App Recognition feature

Event ID: 14102

Message	Linecard {node_id} is {status} - event_name: ARCD_BULK_SYN_RECEIVE
Category	ARC
Severity	Info
Description	linecard up event

Event ID: 14103

Message	BULK SYNC event received from linecard {node_id} - event_name: ARCD_BULK_SYN_ALL_SENT
Category	ARC
Severity	Info
Description	Bulk sync event received

Event ID: 14104

Message	BULK SYNC ALL request sent to all LC - event_name: ARCD_PUBLISHER_STATUS_CHANGE
Category	ARC
Severity	Info
Description	bulk sync all event sent!

Event ID: 14105

Message	ARCD Publisher is {status} - event_name: ARCD_FLUSH_TIMER
Category	ARC
Severity	Info
Description	ARCD Publisher status

Event ID: 14106

Message	FLUSH timer on LC {node_id} is {status}. - event_name: ARCD_OVERFLOW_HIGH_THRESHOLD
Category	ARC
Severity	Info
Description	flush timer start/expire status!

Event ID: 14107

Message	IP Flow table utilization has exceeded high threshold on linecard {node_id} - event_name: ARCD_OVERFLOW_LOW_THRESHOLD
Category	ARC
Severity	Info
Description	IP Flow table utilization reached high threshold on a LC

Event ID: 14108

Message	IP Flow table utilization back to lower threshold on linecard {node_id} - event_name: ARCD_GLOBAL_STATUS_CHANGE
Category	ARC
Severity	Info
Description	IP Flow table utilization back to lower threshold on a LC

Event ID: 14109

Message	App Recognition feature has been {status} - event_name: ARCD_FEATURE_PACK_HONOR_MODE
Category	ARC
Severity	Info
Description	Log event that indicates global configuration for App Recognition feature

Event ID: 14110

Message	App Recognition is operating without a valid feature pack is_security_log : yes
Category	ARC
Severity	Warning
Description	Log event that indicates App Recognition feature is operating without a valid feature pack

Event ID: 14111

Message	App Recognition is blocked due to invalid or missing feature pack is_security_log : yes
Category	ARC
Severity	Warning
Description	Log event that indicates App Recognition feature is not blocked due to invalid or missing feature pack

Chapter 6
ARP security events

The following are the events related to ARP security.

Event ID: 10401

Message	ARP inspection <*status*> on vlan <*vlan_id*>.
Category	ARP security
Severity	Information
Description	ARP inspection configuration on VLAN

Event ID: 10402

Message	ARP inspection <*status*> on port <*port_name*>.
Category	ARP security
Severity	Information
Description	ARP inspection port mode configuration

Chapter 7
ASIC table full error for L3PD events

The following are the events related to ASIC table full error for L3PD.

Event ID: 10801

Message	Neighbor add failure due to neighbor hardware full.' throttle_count: 1
Category	ASIC table full error for L3PD
Severity	Error
Description	Hardware table for NEIGHBOR entries are full, no new neighbors will be added.

Event ID: 10802

Message	Route add failure due to route hardware full' throttle_count: 1
Category	ASIC table full error for L3PD
Severity	Error
Description	Hardware table for ROUTE entries are full, no new route will be added.

Event ID: 10803

Message	Self IP add failure due to self ip hardware full
Category	ASIC table full error for L3PD
Severity	Error
Description	Hardware table for SELFIP entries are full, no new selfip will be added.

Event ID: 10804

Message	Router MAC limit exceeded. Failed to program MAC: {mac}
Category	ASIC table full error for L3PD
Severity	Info
Description	Router MAC limit exceeded, MAC cannot be programmed

Event ID: 10805

Message	Error parsing LIST_ROUTE_IPV4_PREFIX in customer_override.yaml file
Category	ASIC table full error for L3PD
Severity	Warning
Description	Error parsing LIST_ROUTE_IPV4_PREFIX in customer_override.yaml file

Event ID: 10806

Message	Error parsing LIST_ROUTE_IPV6_PREFIX in customer_override.yaml file
Category	ASIC table full error for L3PD
Severity	Warning
Description	Error parsing LIST_ROUTE_IPV6_PREFIX in customer_override.yaml file

Event ID: 10807

Message	Using configured IPv4 prefix-priority list <*prefix_list*>.
Category	ASIC table full error for L3PD
Severity	Info
Description	Log configured ip prefix-priority list.

Event ID: 10808

Message	Using configured IPv6 prefix-priority list <*prefix_list*>.
Category	ASIC table full error for L3PD
Severity	Info
Description	Log configured ipv6 prefix-priority list.

Event ID: 10809

Message	HW programming failed for IPv4 prefix-priority <*route_prefix*>
Category	ASIC table full error for L3PD
Severity	Error
Description	Logs failure while configuring hardware for ipv4 prefix-priority.

Event ID: 10810

Message	HW programming failed for IPv6 prefix-priority <*route_prefix*>

Category	ASIC table full error for L3PD
Severity	Error
Description	Logs failure while configuring hardware for ipv6 prefix-priority.

Chapter 8
BFD events

The following are the events related to BFD.

Event ID: 7301

Message	BFD was enabled
Category	BFD
Severity	Info
Description	Event raised when BFD is enabled globally

Event ID: 7302

Message	BFD was disabled
Category	BFD
Severity	Info
Description	Event raised when BFD is disabled globally

Event ID: 7303

Message	BFD echo was enabled
Category	BFD
Severity	Info
Description	Event raised when BFD echo is enabled globally

Event ID: 7304

Message	BFD echo was disabled
Category	BFD
Severity	Info
Description	Event raised when BFD is disabled globally

Event ID: 7305

Message	BFD echo was enabled on interface <*intf*>
Category	BFD
Severity	Info
Description	Event raised when BFD echo is enabled on an interface

Event ID: 7306

Message	BFD echo was disabled on interface <*intf*>
Category	BFD
Severity	Info
Description	Event raised when BFD is disabled on an interface

Event ID: 7307

Message	BFD session is up. session_id=<*session_id*>, vrf=<*vrf*>, op_mode=<*op_mode*>, src_port=<*src_port*>, dest_ip=<*dest_ip*>, local_state=<*local_state*>, local_diag=<*local_diag*>, remote_state=<*remote_state*>, remote_diag=<*remote_diag*>
Category	BFD
Severity	Info
Description	Event raised when a BFD session state becomes up

Event ID: 7308

Message	BFD session is down. session_id=<*session_id*>, vrf=<*vrf*>, op_mode=<*op_mode*>, src_port=<*src_port*>, dest_ip=<*dest_ip*>, local_state=<*local_state*>, local_diag=<*local_diag*>, remote_state=<*remote_state*>, remote_diag=<*remote_diag*>
Category	BFD
Severity	Info
Description	Event raised when a BFD session state becomes down

Event ID: 7309

Message	BFD session is administratively down. session_id=<*session_id*>, vrf=<*vrf*>, op_mode=<*op_mode*>, src_port=<*src_port*>, dest_ip=<*dest_ip*>, local_state=<*local_state*>, local_diag=<*local_diag*>, remote_state=<*remote_state*>, remote_diag=<*remote_diag*>
Category	BFD
Severity	Info
Description	Event raised when a BFD session is administratively down

Event ID: 7310

Message	BFD session was created without a source port
Category	BFD
Severity	Info
Description	Event raised when a BFD session is created without a source port

Event ID: 7311

Message	Port <*name*> can forward BFD traffic
Category	BFD
Severity	Info
Description	Event raised when a port used by BFD session can forward traffic

Event ID: 7312

Message	Port <*name*> can not forward BFD traffic
Category	BFD
Severity	Info
Description	Event raised when a port used by BFD session can not forward traffic

Event ID: 7313

Message	BFD sessions maximum active capacity reached
Category	BFD
Severity	Info
Description	Event raised when the maximum number of active BFD sessions is reached

Event ID: 7314

Message	The echo function for the BFD session <*session_id*> will not become active until a global echo source IP address is configured
Category	BFD
Severity	Warning
Description	Event raised when an Echo session is created without a valid echo_source IP address configured

Event ID: 7315

Message	BFD session is unidirectional. session_id=<*session_id*>, vrf=<*vrf*>, op_mode=<*op_mode*>, src_port=<*src_port*>, dest_ip=<*dest_ip*>, local_state=<*local_state*>, local_diag=<*local_diag*>, remote_state=<*remote_state*>, remote_diag=<*remote_diag*>
Category	BFD
Severity	Error
Description	Event raised when a BFD session state becomes unidirectional

Event ID: 7316

Message	BFD echo cannot be enabled on tunnels. interface=<*intf*>
Category	BFD
Severity	Warning
Description	Event raised when BFD echo is enabled on a Tunnel interface

Event ID: 7317

Message	BFD echo is not supported on IPv6 sessions
Category	BFD
Severity	Warning
Description	Event raised when BFD echo is enabled for a session using IPv6

Event ID: 7318

Message	IP Version mismatch for BFD. session_id=<*session_id*>, vrf=<*vrf*>, op_mode=<*op_mode*>, src_port=<*src_port*>, dest_ip=<*dest_ip*>, local_state=<*local_state*>, local_diag=<*local_diag*>, remote_state=<*remote_state*>, remote_diag=<*remote_diag*>, from=<*from*>, ip_version=<*ip_version*>, Invalid IP address: <*addr*>
Category	BFD
Severity	Error
Description	"Event raised when SRC or DST IP Version doesn't match the session's IP Version"

Event ID: 7319

Message	BFD single-hop is not supported on interface <*intf*>
Category	BFD
Severity	Warning
Description	"Event raised when a BFD single-hop session source port is a loopback"

Event ID: 7320

Message	BFD session interval override not supported for protocol <*from*>
Category	BFD
Severity	Warning
Description	"Event raised when a BFD session specifies an interval for a protocol that does not support override"

Event ID: 7321

Message	BFD session <*direction*> interval override of <*requested_interval*> ms is out of bounds for protocol <*from*>, using <*applied_interval*> ms instead
Category	BFD
Severity	Warning
Description	"Event raised when a BFD session specifies an interval outside the specified bounds"

Chapter 9
BGP events

The following are the events related to BGP.

Event ID: 2901

Message	<*remote-addr*>: Peer up. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Logs the changes in BGP connection state.

Event ID: 2902

Message	<*remote-addr*>: Peer down. error-code: <*error-code*>, error-sub-code: <*error-subcode*>. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Logs the failure in BGP connection state changes.

Event ID: 2903

Message	<*remote-addr*>: Peer has received prefix equal to Maximum Prefix value configured. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Trap when the number of received prefix reaches the maximum prefix value.

Event ID: 2904

Message	<*remote-addr*>: Peer has received prefix equal to Threshold value configured. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Trap when the number of received prefix reached the threshold value.

Event ID: 2905

Message	BGP AS <*as_number*> configured. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Logs BGP enable event.

Event ID: 2906

Message	BGP AS <*as_number*> unconfigured. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Logs BGP disable event.

Event ID: 2907

Message	BGP router-id changed: {ip} vrf-name: {vrf-name}
Category	BGP
Severity	Info
Description	Logs BGP router-id changed.

Event ID: 2908

Message	<*remote_addr*>: Peer configured, AS <*remote_as*>. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Logs creation of BGP peer.

Event ID: 2909

Message	<*remote_addr*>: User reset request. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Logs BGP peer session reset event.

Event ID: 2910

Message	<*remote_addr*>: Peer password changed. vrf-name: <*vrf-name*>

Category	BGP
Severity	Info
Description	Logs BGP peer password change event.

Event ID: 2911

Message	<*remote_addr*>: Peer deleted. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Logs deletion of BGP peer.

Event ID: 2912

Message	<*remote_addr*>: Peer admin disabled. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Logs BGP peer admin disable event

Event ID: 2913

Message	<*remote_addr*>: Peer admin enabled. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Logs BGP peer admin enable event.

Event ID: 2914

Message	<*remote_addr*>: Peer remote-as changed to <*remote_as*>. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Logs BGP peer remote-as change event.

Event ID: 2915

Message	<*remote_addr*>: Peer local-as changed to <*local_as*>. vrf-name: <*vrf-name*>
Category	BGP

Severity	Info
Description	BGP peer local-as change event.

Event ID: 2916

Message	<*remote_addr*>: Peer source-address changed to <*src_ipaddr*>. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Logs peer source address change event.

Event ID: 2917

Message	<*remote_addr*>: Peer remove-private-as configuration changed. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Logs configuration of peer remove-private-as.

Event ID: 2918

Message	<*bgp_id*>: BGP identifier sent by Peer <*remote_addr*> matches ours. BGP session may not established. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Logs peer identifier has been matched with local identifier.

Event ID: 2919

Message	The BGP RIB has reached the threshold limit of <*threshold_limit*> for VRF <*vrf-name*>': yes
Category	BGP
Severity	Critical
Description	Trap when the rib size reaches the threshold value.

Event ID: 2920

Message	<*pg_name*>: Peer-group configured with remote-as <*remote_as*>. vrf-name: <*vrf-name*>
Category	BGP

Severity	Info
Description	Logs BGP peer-group remote-as configuration event.

Event ID: 2921

Message	<*remote_addr*>: Peer ignore-leading-as configuration changed. vrf-name: <*vrf-name*>
Category	BGP
Severity	Info
Description	Logs configuration of peer ignore-leading-as.

Event ID: 2922

Message	{remote_addr}: Neighbor added to Peer group {peer-grp} vrf-name: {vrf-name}
Category	BGP
Severity	Info
Description	Logs neighbor addition to peer group.

Event ID: 2923

Message	{remote_addr}: Neighbor deleted from Peer group {peer-grp} vrf-name: {vrf-name}
Category	BGP
Severity	Info
Description	Logs neighbor deletion from peer grou

Event ID: 2924

Message	Logs if dynamic tunnel bridging mode ibgp-ebgp was enabled and broadcast group is being configured in a route-map.
Category	BGP
Severity	Error
Description	Dynamic tunnel bridging ibgp-ebgp mode is enabled, Please disable it.

Chapter 10
Bidirectional PIM (PIM-BIDI) events

The following are the events related to bidirectional PIM.

Event ID: 15301

Message	Router pim {status} on vrf {vrf_name}
Category	Bidirectional PIM
Severity	Information
Description	This log event informs about router PIM status of a VRF.

Event ID: 15302

Message	Interface {if_name} state {state}
Category	Bidirectional PIM
Severity	Information
Description	This log event informs about interface status

Event ID: 15303

Message	Dropping Packet on interface {if_index}, Due to {reason}
Category	Bidirectional PIM
Severity	Error
Description	This log event informs about dropping packet

Event ID: 15304

Message	PIM Bidi {state} on Interface {if_name}
Category	Bidirectional PIM
Severity	Information
Description	This log event informs about PIM Bidi state on interface

Event ID: 15305

Message	PIM Bidi Neighbor {ip_address} is {state} on Interface {if_name}
Category	Bidirectional PIM
Severity	Information
Description	This log event informs about the creation and deletion of a PIM Bidi Neighbor

Event ID: 15306

Message	PIM Bidi formed Neighborship with Non PIM Bidi Neighbor {ip_address} on Interface {if_name}
Category	Bidirectional PIM
Severity	Error
Description	This log event informs about Non Bidir PIM Neighbor.

Event ID: 15307

Message	PIM Bidi Resource utilization of {capacity_name} has reached 90 percent of the supported limits on the system.
Category	Bidirectional PIM
Severity	Info
Description	This log event informs the user that Bidir PIM resource utilization has reached 90 percent of the supported limits.

Event ID: 15308

Message	PIM Bidi Resource utilization of {capacity_name} has dropped below 90 percent of the supported limits on the system.
Category	Bidirectional PIM
Severity	Info
Description	This log event informs the user that Bidir PIM resource utilization drops below 90 percent of the supported limits.

Event ID: 15309

Message	PIM Bidi Resource utilization of {capacity_name} has reached maximum of the supported limits on the system.
Category	Bidirectional PIM
Severity	Info
Description	This log event informs the user that Bidir PIM resource utilization has exceeded the supported limits

Chapter 11
Bluetooth Management events

The following are the events related to Bluetooth management.

Event ID: 8001

Message	Bluetooth has been <*enabled_disabled*>
Category	Bluetooth Management
Severity	Info
Description	Event raised when Bluetooth is enabled or disabled

Event ID: 8002

Message	Bluetooth unable to trust pairing device
Category	Bluetooth Management
Severity	Warning
Description	Event raised when Bluetooth is unable to trust pairing device

Event ID: 8003

Message	Bluetooth adapter <*inserted_removed*>
Category	Bluetooth Management
Severity	Info
Description	Event raised when btd receives signal for Bluetooth adapter event

Event ID: 8004

Message	Bluetooth device <*connected_disconnected*>: <*mac_address*>
Category	Bluetooth Management
Severity	Info
Description	Event raised when btd receives signal for Bluetooth device event

Event ID: 8005

Message	Bluetooth device rejected because another device is already connected
Category	Bluetooth Management
Severity	Warning
Description	Event raised when btd disconnects a newly paried device because another device is already connected

Chapter 12
CDP events

The following are the events related to CDP.

Event ID: 8901

Message	CDP Enabled
Category	CDP
Severity	Information
Description	Logs CDP enabled

Event ID: 8902

Message	CDP Disabled
Category	CDP
Severity	Information
Description	Logs CDP disbled

Event ID: 8903

Message	CDP neighbor <*mac*> is added on <*interface*>
Category	CDP
Severity	Information
Description	Log to indicate CDP neighbor addition

Event ID: 8904

Message	CDP neighbor <*mac*> is updated on <*interface*>' throttle_count: 100
Category	CDP
Severity	Information
Description	Log to indicate CDP neighbour modification

Event ID: 8905

Message	CDP neighbor <*mac*> is deleted on <*interface*>
Category	CDP
Severity	Information
Description	Log to indicate CDP neighbor deletion

Event ID: 8906

Message	All CDP neighbor info cleared
Category	CDP
Severity	Information
Description	Log to indicate all CDP neighbor info is cleared

Chapter 13
Central Source events

The following are the events related to an HPE Aruba Networking Central source.

Event ID: 14601

Message	Activate server {activate_address} is reachable via VRF {vrf}.
Category	CENTRALSOURCE
Severity	Info
Description	Activate server is reachable via an active VRF.

Event ID: 14602

Message	Received certificate from Activate server, processing with certificate manager. Certificate length: {cert_length}.
Category	CENTRALSOURCE
Severity	Info
Description	Activate server sent a CA certificate to be installed.

Event ID: 14603

Message	HPE Aruba Networking Central location {central_location} successfully fetched from {central_source} via VRF {vrf}
Category	CENTRALSOURCE
Severity	Info
Description	HPE Aruba Networking Central location successfully fetched from Central Source (CLI/DHCP/Activate Server) via VRF.

Event ID: 14604

Message	Unable to fetch HPE Aruba Networking Central location from Central Source (CLI/DHCP/Activate Server).
Category	CENTRALSOURCE
Severity	Info
Description	Unable to fetch HPE Aruba Networking Central location {central_location} from {central_source} via VRF {vrf}.

Event ID: 14605

Message	Switch time is synced with Activate Server.
Category	CENTRALSOURCE
Severity	Info
Description	Switch time is synced with Activate Server {activate_address}.

Event ID: 14606

Message	Switch time is synced with NTP Servers.
Category	CENTRALSOURCE
Severity	Info
Description	Switch time is synced with NTP Servers.

Chapter 14
Client insight events

The following are the events related to client insight.

Event ID: 14301

Message	Client {mac} successfully on-boarded on VLAN {vlans}. Client on-boarding started at {ob_start_ts}; L2 complete at {l2_end_ts}; L3 complete at {l3_end_ts} is_security_log : no
Category	Client Insight
Severity	Info
Description	Client on-boarding successful

Event ID: 14302

Message	Client {mac} partial success while on-boarding on VLAN {vlans}. L2 status:{l2_ob_state} L3 status:{l3_ob_state}. Client on-boarding started at {ob_start_ts};L2 complete at {l2_end_ts}; L3 complete at {l3_end_ts}. is_security_log : no
Category	Client Insight
Severity	Info
Description	Client on-boarding partially success

Event ID: 14303

Message	Client {mac} failed to on-board with status: {onboarding_status} reason_code: {failure_phase_id} is_security_log : no
Category	Client Insight
Severity	Info
Description	Client on-boarding failed

Event ID: 14304

Message	Maximum system wide client limit {client-number} reached. throttle_time : 15 throttle_count : 1 is_security_log: no
Category	Client Insight
Severity	Info
Description	Maximum system wide client limit reached

Event ID: 14305

Message	Client {mac} successfully on-boarded on VLAN {vlans}; Client on-boarding started at {ob_start_ts}; L2 complete at {l2_end_ts}; L3 complete at {l3_end_ts}; ARP to GW response received at {arp_end_ts}; DNS on-boarding to {dns_server_ip} completed at {dns_end_ts} is_security_log : no
Category	Client Insight
Severity	Info
Description	Client on-boarding successful

Event ID: 14306

Message	Client {mac} on-boarded on VLANs {vlans} and failed on VLANs {failed_vlans}; Client on-boarding started at {ob_start_ts}; L2 complete at {l2_end_ts}; L3 complete at {l3_end_ts}; ARP to GW response received at {arp_end_ts}; DNS on-boarding to {dns_server_ip} completed at {dns_end_ts}; L2 status {l2_ob_state} failure_reason_code - {l2_failure_reason}; L3 status {l3_ob_state} failure_reason_code - {l3_failure_reason}; DNS on-boarding status {dns_status} failure_reason_code - {dns_failure_reason}
Category	Client Insight
Severity	Info
Description	Client on-boarding partially success

Event ID: 14307

Message	Client {mac} failed to on-board with status: {onboarding_status} in failure phase: {failure_phase_id} with reason: {failure_reason} is_security_log : no
Category	Client Insight
Severity	Info
Description	Client on-boarding failed

Event ID: 14308

Message	Client {mac} on-boarded on VLAN {vlans} and failed on VLANs {failed_vlans} Port {port} auth-status {auth-status} auth-type {auth-type} auth-latency {auth-latency} dot1x-auth-failure-reason {dot1x-auth-failure-reason} mac-auth-failure-reason {mac-auth-failure-reason} radius-server {radius-server} assigned-role {assigned-role} assigned-role-type {assigned-role-type}
Category	Client Insight
Severity	Info
Description	Client L2 on-boarding details

Event ID: 14309

Message	Client {mac} on-boarded on VLAN {successfulvlan} Port {port} dhcpv4-status {dhcpv4-status} dhcpv4-failure-reason {dhcpv4-failure-reason} dhcpv4-server{dhcpv4-server}

	dhcpv4-client {dhcpv4-client} dhcpv4-latency {dhcpv4-latency}
Category	Client Insight
Severity	Info
Description	Client DHCPV4 on-boarding details

Event ID: 14310

Message	Client {mac} on-boarded on VLAN {successfulvlan} Port {port} dhcpv6-status {dhcpv6-status} dhcpv6-failure-reason {dhcpv6-failure-reason} dhcpv6-server{dhcpv6-server} dhcpv6-client {dhcpv6-client} dhcpv6-latency {dhcpv6-latency}
Category	Client Insight
Severity	Info
Description	Client DHCPV6 on-boarding details

Event ID: 14311

Message	Client {mac} on-boarded on Port {port} dns-status {dns-status} dns-failure-reason {dns-failure-reason} dns-server {dns-server} dns-latency {dns-latency}
Category	Client Insight
Severity	Info
Description	Client DNS on-boarding details

Event ID: 14312

Message	Client {mac} on-boarded on VLAN {vlan} Port {port} arp-gw-status {arp-status} arp-gw-failure-reason {arp-failure-reason} gateway {arp-gw} arp-gw-latency {arp-latency}
Category	Client Insight
Severity	Info
Description	Client DNS on-boarding details

Chapter 15
Certificate management events

The following are the events related to certificate management.

Event ID: 7701

Message	TA Profile <*name*> created
Category	Certificate management
Severity	Info
Description	Event raised when a ta profile is created

Event ID: 7702

Message	TA Profile <*name*> deleted
Category	Certificate management
Severity	Info
Description	Event raised when a ta profile is removed

Event ID: 7703

Message	Leaf certificate <*name*> imported
Category	Certificate management
Severity	Info
Description	Event raised when a leaf certificate is imported

Event ID: 7704

Message	Leaf certificate <*name*> deleted
Category	Certificate management
Severity	Info
Description	Event raised when a leaf certificate is deleted

Event ID: 7705

Message	Certificate <*name*> will expire within <*days*> days
Category	Certificate management
Severity	Warning
Description	Event raised when an installed certifiate will expire within 60 days

Event ID: 7706

Message	Certificate <*name*> has not yet reached its start date
Category	Certificate management
Severity	Warning
Description	Event raised when an installed certifiate is not yet past its start date

Event ID: 7707

Message	Certificate <*name*> has expired and can no longer be used
Category	Certificate management
Severity	Warning
Description	Event raised when an installed certifiate has expired

Event ID: 7708

Message	Certificate <*name*> verified and accepted' throttle_count: 100
Category	Certificate management
Severity	Info
Description	Event raised when a certificate chain is verified

Event ID: 7709

Message	Certificate <*name*> rejected due to verification failure (<*error*>)' throttle_count: 100
Category	Certificate management
Severity	Warning
Description	Event raised when a certificate chain is rejected

Event ID: 7710

Message	Certificate signing request <*name*> created

Category	Certificate management
Severity	Info
Description	Event raised when a certificate signing request is created on the switch

Event ID: 7711

Message	Self-signed certificate <*name*> created
Category	Certificate management
Severity	Info
Description	Event raised when a self-signed certificate is created on the switch

Event ID: 7712

Message	Application association with the <*name*> certificate is not permitted
Category	Certificate management
Severity	Error
Description	Event raised when an invalid certificate association is made

Event ID: 7713

Message	Certificate <*name*> failed OCSP verification (<*status*>), but was accepted because OCSP enforcement is set to optional.' throttle_count: 100
Category	Certificate management
Severity	Warning
Description	Event raised when a certificate is verified due to optional OCSP enforcement

Event ID: 7714

Message	CA certificates successfully downloaded from EST server <*name*>
Category	Certificate management
Severity	Info
Description	Event raised when CA certificates were successfully downloaded from an EST server

Event ID: 7715

Message	Failed to download CA certificates from EST server <*name*>

Category	Certificate management
Severity	Error
Description	Event raised when CA certificates could not be downloaded from an EST server

Event ID: 7716

Message	Certificate <*name*> successfully enrolled by EST server <*est_name*>
Category	Certificate management
Severity	Info
Description	Event raised when a certificate is successfully enrolled with EST

Event ID: 7717

Message	Failed to enroll certificate <*name*> with EST server <*est_name*>
Category	Certificate management
Severity	Error
Description	Event raised when certificate enrollment with an EST server fails

Event ID: 7718

Message	Certificate <*name*> successfully reenrolled by EST server <*est_name*>
Category	Certificate management
Severity	Info
Description	Event raised when a certificate is successfully reenrolled with EST

Event ID: 7719

Message	Failed to reenroll certificate <*name*> with EST server <*est_name*>
Category	Certificate management
Severity	Error
Description	Event raised when certificate reenrollment with an EST server fails

Event ID: 7720

Message	Certificate <*name*> is not set for signing purpose
Category	Certificate management

Severity	Warning
Description	Event raised when a signer certifiate is not set for signing

Event ID: 7721

Message	Certificate <*name*> is invalid or malformed
Category	Certificate management
Severity	Warning
Description	Event raised when an installed certifiate is invalid or malformed

Chapter 16
Config Management events

The following are the events related to config management.

Event ID: 6801

Message	Copying configs from: <*from*> to: <*to*>
Category	Config Management
Severity	Information
Description	Logs a message when configs copying from one format to another

Event ID: 6802

Message	Error while copying configs. Error: <*error*>
Category	Config Management
Severity	Error
Description	Logs a message when copying config has some error

Event ID: 6803

Message	<*type*>:<*value*>
Category	Config Management
Severity	Information
Description	Logs a message when config validation prunes tables/columns in startup-config or when errors are encountered

Event ID: 6804

Message	Error while copying configs. Error: <*error*>
Category	Config Management
Severity	Error
Description	Logs a message when copying config to shadowdb has some error

Event ID: 6805

Message	Information while copying configs. Info: <*info*>
Category	Config Management
Severity	Information
Description	Logs a message when copying config has some information

Chapter 17
Config validator events

The following are the events related to configuration validation.

Event ID: 13401

Message	Config {name} failed to validate. Reason {reason}
Category	Config Validator
Severity	Error
Description	Failed to validate configuration

Chapter 18
Connectivity Fault Management (CFM) events

The following are the events related to Connectivity Fault Management (CFM).

Event ID: 11601

Message	Connection lost for Maintenance Endpoint <*id*> on <*interface*>.
Category	Connectivity Fault Management (CFM)
Severity	Error
Description	Event reported when connection is lost on the Maintanence Endpoint.

Event ID: 11602

Message	Connection restored for Maintenance Endpoint <*id*> on <*interface*>.
Category	Connectivity Fault Management (CFM)
Severity	Information
Description	Event reported when connection is restored on the Maintanence Endpoint.

Chapter 19
Console events

The following are the events related to console.

Event ID: 13001

Message	User <*user_name*> logged in from <*ip_address*> through CONSOLE session.
Category	Console
Severity	Info
Description	Logs a message when a user login is successful

Event ID: 13002

Message	User <*user_name*> login from <*ip_address*> for CONSOLE session has failed.
Category	Console
Severity	Error
Description	Logs a message when a user login fails

Event ID: 13003

Message	User <*user_name*> logged out of CONSOLE session from <*ip_address*>.
Category	Console
Severity	Info
Description	Logs a message when a user logs out of a session

Event ID: 13004

Message	CONSOLE session from User <*user_name*> is closed because maximum number of sessions per user is reached.
Category	Console
Severity	Warning
Description	Logs a message when a user tries to login while maximum number of sessions per user are reached.

Event ID: 13005

Message	User {user_name} login from {ip_address} for CONSOLE session has failed since the user is trying to login through an interface which is not allowed. Allowed interfaces are: {mgmt_intf}
Category	Console
Severity	Warning
Description	Logs a message when a user login fails since the access through this management interface is not allowed

Chapter 20
Container manager events

The following are the events related to container manager.

Event ID: 11801

Message	Container <*name*> created
Category	Container manager
Severity	Info
Description	Event reported when container is created

Event ID: 11802

Message	Container <*name*> removed
Category	Container manager
Severity	Info
Description	Event reported when container is removed

Event ID: 11803

Message	Container <*name*> is started.
Category	Container manager
Severity	Info
Description	Event reported when container is operational

Event ID: 11804

Message	Endpoint has been executed for container {name} with parameters: {params}
Category	Container manager
Severity	Info
Description	Event reported when container exec command has been run with additional parameters.

Event ID: 11805

Message	Endpoint has been executed for container {name} with no parameters.
Category	Container manager
Severity	Info
Description	Event reported when container exec command has been run with no parameters.

Event ID: 11806

Message	Container {name} stopped
Category	Container manager
Severity	Info
Description	Event reported when container is stopped.

Event ID: 11807

Message	Container {name} image signature verified and accepted
Category	Container manager
Severity	Info
Description	Event reported when container image signature is verified and accepted.

Event ID: 11808

Message	Container {name} image failed signature verification
Category	Container manager
Severity	Info
Description	EEvent reported when container image failed signature verification.

Event ID: 11809

Message	Container {name} image is unsigned and not allowed in enhanced secure mode
Category	Container manager
Severity	Error
Description	Event reported when container image is unsigned and not allowed in enhanced secure mode.

Event ID: 11810

Message	Container {name} image is unsigned and allowed by the user configuration

Category	Container manager
Severity	Warning
Description	Event reported when container image is unsigned and allowed by the user configuration.

Event ID: 11811

Message	Container {name} image is unsigned and not allowed by the user configuration
Category	Container manager
Severity	Warning
Description	Event reported when container image is unsigned and not allowed by the user configuration.

Chapter 21
CoPP events

The following are the events related to control plane policing.

Event ID: 1501

Message	COPP initialization failed
Category	CoPP
Severity	Error
Description	Logs COPP initialization failure.

Event ID: 1502

Message	COPP initialization successful
Category	CoPP
Severity	Info
Description	Logs COPP initialization success.

Event ID: 1503

Message	Ingress FP Group create failed
Category	CoPP
Severity	Error
Description	Logs ingress field processor group creation failure.

Event ID: 1504

Message	Egress FP Group create failed
Category	CoPP
Severity	Error
Description	Logs egress field processor group creation failure.

Event ID: 1505

Message	Programming defaults failed
Category	CoPP
Severity	Error
Description	Logs failure for initialization of default values.

Event ID: 1506

Message	Packet class programming failed for <*class*>
Category	CoPP
Severity	Error
Description	Logs failure of programming queue for a CoPP packet class.

Event ID: 1507

Message	Failed to program ingress field processor rule for <*class*>
Category	CoPP
Severity	Error
Description	Logs failure of programming ingress field processor for a COPP class.

Event ID: 1508

Message	Failed to program egress rule for <*class*>
Category	CoPP
Severity	Error
Description	Logs failure of programming egress field processor for a COPP class.

Event ID: 1509

Message	CoPP initial initialization failed on slot <*slot*>
Category	CoPP
Severity	Error
Description	Logs CoPP initial initialization failure on a slot.

Event ID: 1510

Message	CoPP final initialization failed on slot <*slot*>

Category	CoPP
Severity	Error
Description	Logs CoPP final initialization failure on a slot.

Event ID: 1511

Message	CoPP deinitialization failed on slot <*slot*>
Category	CoPP
Severity	Error
Description	Logs CoPP deinitialization failure on a slot.

Event ID: 1512

Message	Failed to configure hardware for CoPP on slot <*slot*> class <*class*>
Category	CoPP
Severity	Error
Description	Logs failure while configuring hardware on a slot for a CoPP class.

Event ID: 1513

Message	Failed to retrieve CoPP statistics from slot <*slot*> class <*class*>
Category	CoPP
Severity	Error
Description	Logs failure while retrieving statistics on a slot for a CoPP class.

Event ID: 1514

Message	*CoPP final initialization failed.*
Category	CoPP
Severity	Error
Description	Logs CoPP final initialization failure.

Chapter 22
CPU_RX events

The following are the events related to CPU_RX.

Event ID: 7501

Message	Kernel filter "<*action*>" failed on unit <*unit*> for <*filter_description*>
Category	CPU_RX
Severity	Information
Description	Event raised when a kernel filter cannot be created or deleted

Event ID: 7502

Message	Cannot create kernel filter on unit <*unit*> for <*filter_description*>. All filters are in use. Configuring fewer per-port features can help with this issue.
Category	CPU_RX
Severity	Error
Description	Event raised when a kernel filter cannot be created because all filters are in use

Chapter 23
Credential Manager events

The following are the events related to credential manager.

Event ID: 6501

Message	An internal error occurred while reading the export password and default export password was used instead.
Category	Credential Manager
Severity	Warning
Description	Warns the user that export password file was corrupted and default passwd was used instead.

Event ID: 6502

Message	A critical system file has been corrupted. Please configure your export password to the one used by your most recent configuration export and import your most recent configuration.
Category	Credential Manager
Severity	Warning
Description	Warns the user that the chassis secret has been corrupted.

Event ID: 6504

Message	Self-signed certificate successfully created for the https-server.
Category	Credential Manager
Severity	Info
Description	Logs a message when the self-signed cert is created by credmgr.

Event ID: 6505

Message	User admin password changed from ServiceOS
Category	Credential Manager
Severity	Info
Description	Logs a message when a user changes admin password from ServiceOS

Event ID: 6506

Message	SSH authorized keys were added for user <*user*>
Category	Credential Manager
Severity	Info
Description	Logs a message when SSH authorized keys are added for a user

Event ID: 6507

Message	Failed to write SSH authorized keys for user <*user*>
Category	Credential Manager
Severity	Error
Description	Logs a message after a failure to write SSH authorized keys for a user

Event ID: 6508

Message	SSH authorized keys deleted for user <*user*>
Category	Credential Manager
Severity	Info
Description	Logs a message afte deleting SSH authorized keys for a user

Event ID: 6509

Message	User <*user*> has configured an invalid SSH authorized key with key identifier <*key-id*>
Category	Credential Manager
Severity	Error
Description	Logs a message when SSH authorized key fails validation chack

Chapter 24
CX LMS events

The following are the events related to AOS-CX Feature Pack management.

Event ID: 15001

Message	Feature pack cloud-managed mode is enabled, LMS server will be used for feature pack management
Category	CX_LMS
Severity	Info
Description	Event raised when the feature pack managament mode is set to cloud-managed

Event ID: 15002

Message	Feature pack cloud-managed mode is disabled, LMS server will no longer be used for feature pack management
Category	CX_LMS
Severity	Info
Description	Event raised when the feature pack managament mode is set to anything different from cloud-managed

Event ID: 15003

Message	Feature pack validation with the LMS server triggered
Category	CX_LMS
Severity	Info
Description	Event raised when a new feature pack validation process using LMS server is triggered

Event ID: 15004

Message	CX-LMS has successfully installed a new feature pack file in the system
Category	CX_LMS
Severity	Info
Description	Event raised when CX-LMS succesfully installs a new feature pack file in the switch.

Event ID: 15005

Message	CX-LMS has successfully validated the system license
Category	CX_LMS
Severity	Info
Description	Event raised when CX-LMS succesfully validates the feature pack in the switch.

Event ID: 15006

Message	CX-LMS failed to validate the system license
Category	CX_LMS
Severity	Error
Description	Event raised when CX-LMS fails to validate a feature pack for the switch.

Chapter 25
Device fingerprinting events

The following are the events related to device fingerprinting.

Event ID: 12401

Message	Reached the maximum number of clients limit on the switch for device fingerprinting.
Category	Device fingerprinting
Severity	Warning
Description	Log the event when the maximum client limit for device fingerprinting is reached on the switch.

Event ID: 12402

Message	Reached the maximum clients limit of <*client_limit*> on the interface <*interface*> for device fingerprinting.
Category	Device fingerprinting
Severity	Warning
Description	Log the event when the per port clients limit for device fingerprinting is reached.

Chapter 26
DHCP Relay events

The following are the events related to DHCP relay.

Event ID: 3401

Message	DHCP Relay Enabled
Category	DHCP Relay
Severity	Information
Description	This command enables the DHCP Relay feature in the device.

Event ID: 3402

Message	DHCP Relay Disabled
Category	DHCP Relay
Severity	Information
Description	This command disables the DHCP Relay feature in the device.

Chapter 27
DHCP server events

The following are the events related to DHCP server.

Event ID: 1907

Message	DHCP server enabled on VRF <*vrf_name*>
Category	DHCP server
Severity	Information
Description	Event raised when DHCP server gets enabled on the VRF

Event ID: 1908

Message	DHCP server disabled on VRF <*vrf_name*>
Category	DHCP server
Severity	Information
Description	Event raised when DHCP server gets disabled on the VRF

Event ID: 1909

Message	Invalid DHCP configuration: <*config*> provided on DHCP Server instance running on VRF <*vrf_name*>. Ignoring this config.
Category	DHCP server
Severity	Error
Description	Event raised when user configures an invalid DHCP configuration

Event ID: 1910

Message	DHCP Server Lease cleared on vrf <*vrf*>.
Category	DHCP server
Severity	Information
Description	Event raised when DHCP Server Lease on the VRF is cleared

Event ID: 1911

Message	DHCPv6 Server Lease cleared on vrf <*vrf*>.
Category	DHCP server
Severity	Information
Description	Event raised when DHCPv6 Server Lease on the VRF is cleared

Chapter 28
DHCPv4 snooping events

The following are the events related to DHCPv4 snooping:

Event ID: 8202

Message	Client packet destined to untrusted port <*port*> dropped.
Category	DHCPv4 snooping
Severity	Warning
Description	Log event when client packet dropped while packet destined to untrusted port.

Event ID: 8204

Message	Received untrusted relay info from client <*mac*> on port <*port*>.
Category	DHCPv4 snooping
Severity	Warning
Description	Log event when client packet received with untrusted relay info.

Event ID: 8205

Message	Client address <*client_mac*> not equal to source MAC <*source_mac*> detected on port <*port*>.
Category	DHCPv4 snooping
Severity	Warning
Description	Log event when client address not equal to source MAC.

Event ID: 8206

Message	Binding for <*ip_address*>:<*mac*> exists on port <*existing_port*>. Dropping release request received for the binding on <*new_port*>.
Category	DHCPv4 snooping
Severity	Warning
Description	Log event when release packet received on incorrect port.

Event ID: 8207

Message	The dynamic binding for <*mac*> on port <*port*> was replaced with a manual binding.
Category	DHCPv4 snooping
Severity	Warning
Description	Log event when dynamic binding for a port was replaced with a manual binding.

Event ID: 8208

Message	Drop request from <*mac*> for already assigned address <*ip_address*>.
Category	DHCPv4 snooping
Severity	Warning
Description	Log event when drop client request for already assigned ip.

Event ID: 8209

Message	Drop offer from <*server_ip_address*> of already assigned address <*lease_ip_address*> to <*mac*>.
Category	DHCPv4 snooping
Severity	Warning
Description	Log event when drop server offer for already assigned ip.

Event ID: 8210

Message	Drop offer from <*server_ip_address*> of <*lease_ip_address*> address is illegal.
Category	DHCPv4 snooping
Severity	Warning
Description	Log event when drop server offer for illegal ip.

Event ID: 8211

Message	Maximum bindings limit reached on port <*port*>, dropping request from <*mac*>.
Category	DHCPv4 snooping
Severity	Warning
Description	Log event when binding limit reached on port.

Event ID: 8212

Message	All the dynamic binding entries were cleared.
Category	DHCPv4 snooping
Severity	Info
Description	Log event when all dynamic binding entries are cleared.

Event ID: 8213

Message	Dynamic binding entries on the port <*port*> were cleared.
Category	DHCPv4 snooping
Severity	Info
Description	Log event when all dynamic binding entries on a port are cleared.

Event ID: 8214

Message	Dynamic binding entries on the VLAN <*vid*> were cleared.
Category	DHCPv4 snooping
Severity	Info
Description	Log event when all dynamic binding entries on a vlan are cleared.

Event ID: 8215

Message	Dynamic binding entry with ip <*ip*> on the VLAN <*vid*> was cleared.
Category	DHCPv4 snooping
Severity	Info
Description	Log event when a specific dynamic binding entry on a vlan is cleared.

Event ID: 8216

Message	Failed to import dynamic ip binding entries from external storage. volume: <*volume_name*>, filename: <*file_name*>.
Category	DHCPv4 snooping
Severity	Error
Description	Log event when failed to import dynamic ip binding entries from external storage.

Event ID: 8217

Message	Failed to import dynamic ip binding entries from local storage. filepath: <*file_path*>.
Category	DHCPv4 snooping
Severity	Error
Description	Log event when failed to import dynamic ip binding entries from local storage.

Event ID: 8218

Message	Flash-storage is active for DHCPv4-Snooping.
Category	DHCPv4 snooping
Severity	Warning
Description	Log event when flash-storage becomes active after external-storage unconfiguration.

Event ID: 8219

Message	Successfully imported <*bindings_imported*> dynamic ip binding entries from external storage. volume: <*volume_name*>, filename: <*file_name*>.
Category	DHCPv4 snooping
Severity	Info
Description	Log event when dynamic ip binding entries from external storage are successfully imported.

Event ID: 8220

Message	Successfully imported <*bindings_imported*> dynamic ip binding entries from local storage.
Category	DHCPv4 snooping
Severity	Info
Description	Log event when dynamic ip binding entries from local storage are successfully imported.

Event ID: 8221

Message	Client {mac} on vlan {vid}, port {port} received {client_ip} from server {server_ip} with lease {lease}. Nameserver:{nameserver_ip}, Gateway:{gateway_ip}.
Category	DHCPv4 snooping
Severity	Info
Description	Log event when a client receives IP from DHCP server along with static attributes.

Event ID: 8222

Message	Client {mac} on vlan {vid}, port {port} released {client_ip}.
Category	DHCPv4 snooping
Severity	Info
Description	Log event when a client releases

Event ID: 8223

Message	Client {mac} on vlan {vid}, port {port} lease period expired for {client_ip}.
Category	DHCPv4 snooping
Severity	Info
Description	Log event when a client's lease period expires.

Event ID: 8224

Message	Client {mac} on vlan {vid}, port {port} with {client_ip}. Client attributes updated: Gateway {gateway_ip}, Nameserver {nameserver_ip}, Lease period {lease}.
Category	DHCPv4 snooping
Severity	Info
Description	Log event when a client's static attributes are updated.

Event ID: 8225

Message	DHCPv4-Snooping dropped DHCP {message_type} packet received on untrusted port {port} from {server_ip}
Category	DHCPv4 snooping
Severity	Warning
Description	DHCP server packet received on an untrusted port.

Event ID: 8226

Message	DHCPv4-Snooping dropped DHCP {message_type} packet received from unauthorized server {server_ip} on trusted port {port}
Category	DHCPv4 snooping
Severity	Warning
Description	An unauthorized server detected on a trusted port.

Chapter 29
DHCPv6 Relay events

The following are the events related to DHCPv6 relay.

Event ID: 3301

Message	DHCPv6 Relay Enabled
Category	DHCPv6 Relay
Severity	Information
Description	This command enables the DHCPv6 Relay feature in the device.

Event ID: 3302

Message	DHCPv6 Relay Disabled
Category	DHCPv6 Relay
Severity	Information
Description	This command disables the DHCPv6 Relay feature in the device.

Chapter 30
DHCPv6 snooping events

The following are the events related to DHCPv6 snooping.

Event ID: 8302

Message	Client packet destined to untrusted port <*port*> dropped.
Category	DHCPv6 snooping
Severity	Warning
Description	Log event when client packet dropped while packet destined to untrusted port.

Event ID: 8304

Message	Received untrusted relay info from client <*mac*> on port <*port*>.
Category	DHCPv6 snooping
Severity	Warning
Description	Log event when client packet received with untrusted relay info.

Event ID: 8305

Message	Binding for <*ipv6_address*>:<*mac*> exists on port <*existing_port*>. Dropping release request received for the binding on <*new_port*>.
Category	DHCPv6 snooping
Severity	Warning
Description	Log event when release packet received on incorrect port.

Event ID: 8306

Message	The dynamic binding for <*mac*> on port <*port*> was replaced with a manual binding.
Category	DHCPv6 snooping
Severity	Warning
Description	Log event when dynamic binding for a port was replaced with a manual binding.

Event ID: 8307

Message	Drop request from <*mac*> for already assigned address <*ipv6_address*>.
Category	DHCPv6 snooping
Severity	Warning
Description	Log event when drop client request for already assigned ip.

Event ID: 8308

Message	Maximum bindings limit reached on port <*port*>, dropping request from <*mac*>.
Category	DHCPv6 snooping
Severity	Warning
Description	Log event when binding limit reached on port.

Event ID: 8309

Message	All the dynamic binding entries were cleared.
Category	DHCPv6 snooping
Severity	Info
Description	Log event when all dynamic binding entries are cleared.

Event ID: 8310

Message	Dynamic binding entries on the port <*port*> were cleared.
Category	DHCPv6 snooping
Severity	Info
Description	Log event when all dynamic binding entries on a port are cleared.

Event ID: 8311

Message	Dynamic binding entries on the VLAN <*vid*> were cleared.
Category	DHCPv6 snooping
Severity	Info
Description	Log event when all dynamic binding entries on a vlan are cleared.

Event ID: 8312

Message	Dynamic binding entry with ip <*ip*> on the VLAN <*vid*> was cleared.

Category	DHCPv6 snooping
Severity	Info
Description	Log event when a specific dynamic binding entry on a vlan is cleared.

Event ID: 8313

Message	Failed to import dynamic ip binding entries from external storage. volume":" <*volume_name*>, filename":" <*file_name*>.
Category	DHCPv6 snooping
Severity	Error
Description	Log event when import of dynamic binding entries from external storage is failed.

Event ID: 8314

Message	Failed to import dynamic ip binding entries from local storage. filepath":" <*file_path*>.
Category	DHCPv6 snooping
Severity	Error
Description	Log event when import of dynamic binding entries from local storage is failed.

Event ID: 8315

Message	Flash-storage is active for DHCPv6-Snooping.
Category	DHCPv6 snooping
Severity	Warning
Description	Log event when flash-storage becomes active after external-storage unconfiguration.

Event ID: 8316

Message	Successfully imported <*bindings_imported*> dynamic ip binding entries from external storage. volume: <*volume_name*>, filename: <*file_name*>.
Category	DHCPv6 snooping
Severity	Info
Description	Log event when dynamic ip binding entries from external storage are successfully imported.

Event ID: 8317

Message	Successfully imported <*bindings_imported*> dynamic ip binding entries from local storage.
Category	DHCPv6 snooping
Severity	Info
Description	Log event when dynamic ip binding entries from local storage are successfully imported.

Event ID: 8318

Message	Client {mac} on vlan {vid}, port {port} received {client_ip} from server {server_ip} with lease {lease}. Nameserver:{nameserver_ip}.
Category	DHCPv6 snooping
Severity	Info
Description	Log event when a client receives IPv6 address from DHCP server along with static attributes

Event ID: 8319

Message	Client {mac} on vlan {vid}, port {port} released {client_ip}.
Category	DHCPv6 snooping
Severity	Info
Description	Log event when a client releases IPv6 address.

Event ID: 8320

Message	Client {mac} on vlan {vid}, port {port} lease period expired for {client_ip}.
Category	DHCPv6 snooping
Severity	Info
Description	Log event when a client's lease period expires.

Event ID: 8321

Message	Client {mac} on vlan {vid}, port {port} with {client_ip}. Client attributes updated: Nameserver {nameserver_ip}, Lease period {lease}.
Category	DHCPv6 snooping
Severity	Info
Description	Log event when a client's static attributes are updated.

Event ID: 8322

Message	DHCPv6-Snooping dropped DHCP {message_type} packet received on untrusted port {port} from {server_ip}
Category	DHCPv6 snooping
Severity	Warning
Description	Log event when a server packet is dropped on untrusted port

Event ID: 8323

Message	DHCPv6-Snooping dropped {message_type} packet received from unauthorized server {server_ip} on trusted port {port}.
Category	DHCPv6 snooping
Severity	Warning
Description	Log event when packet unauthorized server is dropped.

Chapter 31
Discovery and Capability Exchange (DCBx) events

The following are the events related to DCBx.

Event ID: 9201

Message	DCBX Enabled
Category	Dicovery and Capability Exchange (DCBx)
Severity	Info
Description	Logs event when DCBX is globally enabled

Event ID: 9202

Message	DCBX Disabled
Category	Dicovery and Capability Exchange (DCBx)
Severity	Info
Description	Log event when DCBX is globally disabled

Event ID: 9203

Message	DCBX is enabled on interface <*intf_name*>
Category	Dicovery and Capability Exchange (DCBx)
Severity	Info
Description	Log event when DCBX is enabled on the interface

Event ID: 9204

Message	DCBX is disabled on interface <*intf_name*>
Category	Dicovery and Capability Exchange (DCBx)
Severity	Info
Description	Log event when DCBX is disabled on the interface

Event ID: 9205

Message	DCBX status active on interface <*intf_name*>
Category	Dicovery and Capability Exchange (DCBx)
Severity	Info
Description	Log event when DCBX oper status is active on an interface

Event ID: 9206

Message	DCBX status inactive on interface <*intf_name*>
Category	Dicovery and Capability Exchange (DCBx)
Severity	Info
Description	Log event when DCBX oper status is inactive on an interface

Event ID: 9207

Message	PFC TLV status active on interface <*intf_name*>
Category	Dicovery and Capability Exchange (DCBx)
Severity	Info
Description	Log event when PFC TLVs are active on an interface

Event ID: 9208

Message	PFC TLV status inactive on interface <*intf_name*>
Category	Dicovery and Capability Exchange (DCBx)
Severity	Info
Description	Log event when PFC TLVs are inactive on an interface

Event ID: 9209

Message	PFC TLV status priority mismatch on interface <*intf_name*>
Category	Dicovery and Capability Exchange (DCBx)
Severity	Warning
Description	Log event when there is PFC TLV priority mismatch on an interface

Chapter 32
Distributed services events

The following are the events related to distributed services on the 10000 Switch series.

Event ID: 13901

Message	Chassis Reboot Requested: {reason}
Category	Distributed Services
Severity	Warning
Description	Log event that indicates the chassis requires a reboot.

Event ID: 13902

Message	Distributed Services Admission Rejected. Reason: {reason}
Category	Distributed Services
Severity	Warning
Description	Log event that indicates admission to PSM was rejected.' event_description_template

Event ID: 13903

Message	PSM coordinates mismatch. Active coordinates: {active_coordinates}, Configured coordinates: {configured_coordinates}.
Category	Distributed Services
Severity	Warning
Description	Log event that indicates mismatch of PSM coordinates.

Chapter 33
DNS client events

The following are the events related to DNS client.

Event ID: 11901

Message	<*type*> event for VRF <*vrf_name*>
Category	DNS client
Severity	Information
Description	Event reported when DNS event triggered

Chapter 34
Dot1x supplicant events

The following are the events related to dot1x supplicant.

Event ID: 12301

Message	802.1X supplicant has blocked the interface <*ifname*>.
Category	Dot1x supplicant
Severity	Information
Description	The 802.1X supplicant is blocking the interface on the data-plane.

Event ID: 12302

Message	802.1X supplicant has unblocked the interface <*ifname*>.
Category	Dot1x supplicant
Severity	Information
Description	The 802.1X supplicant is opening the interface on the data-plane.

Event ID: 12303

Message	802.1X supplicant PAE restarted on interface <*ifname*> due to change in policy <*policy*>.
Category	Dot1x supplicant
Severity	Information
Description	The 802.1X supplicant PAE is restarted due to a change in the policy used on the interface.

Event ID: 12304

Message	802.1X supplicant is not supported on the port <*port*>.
Category	Dot1x supplicant
Severity	Information
Description	The 802.1X supplicant is enabled on a port that is not supported (Ex: LAG, ROP).

Chapter 35
Download events

The following are the events related to file download actions.

Event ID: 14501

Message	File download started from {url}
Category	DNLD
Severity	Info
Description	Indicates that a file download has been started

Event ID: 14502

Message	File download complete from {url}
Category	DNLD
Severity	Info
Description	Indicates that a file has been successfully downloaded

Event ID: 14503

Message	File download aborted from {url}
Category	DNLD
Severity	Info
Description	Indicates that a file download has been aborted

Event ID: 14504

Message	File download failed from {url} with error code: {error}, {desc}
Category	DNLD
Severity	Info
Description	Indicates that a file download has failed

Event ID: 14505

Message	File upload started to {url}
Category	DNLD
Severity	Info
Description	Indicates that a file upload has been started

Event ID: 14506

Message	File upload complete to {url}
Category	DNLD
Severity	Info
Description	Indicates that a file has been successfully uploaded

Event ID: 14507

Message	File upload aborted to {url}
Category	DNLD
Severity	Info
Description	Indicates that a file upload has been aborted

Event ID: 14508

Message	File upload failed to {url} with error code: {error}, {desc}
Category	DNLD
Severity	Info
Description	Indicates that a file upload has failed

Event ID: 14509

Message	File download retrying from {url}
Category	DNLD
Severity	Info
Description	Indicates that a file download has been retried

Event ID: 14510

Message	File upload retrying from {url}

Category	DNLD
Severity	Info
Description	Indicates that a file upload has been retried

Chapter 36
DPSE daemon events

The following are the events related to the DPSE daemon.

Event ID: 10901

Message	Line card module {linecard_name} triggered backplane enhanced sequence recovery
Category	Back Plane Sequence Events (DPSE)
Severity	Critical
Description	A line card hit a backplane sequence error that triggered a recovery operation

Event ID: 10902

Message	HA event triggered backplane sequence recovery
Category	Back Plane Sequence Events (DPSE)
Severity	Info
Description	A backplane sequence reset was triggered due to an HA event

Event ID: 10903

Message	HA event completed backplane sequence recovery
Category	Back Plane Sequence Events (DPSE)
Severity	Info
Description	The system completed a backplane sequence reset triggered by an HA event

Event ID: 10904

Message	Line card module {linecard_name} triggered backplane enhanced sequence recovery
Category	Back Plane Sequence Events (DPSE)
Severity	Critical
Description	The system completed backplane sequence recovery triggered by line card error

Event ID: 10905

Message	No active modules have been detected in the system.
Category	Back Plane Sequence Events (DPSE)
Severity	Info
Description	No active modules have been detected in the system.

Event ID: 10906

Message	Control Plane (<*operation_name*>) failure during (<*plugin_name*>) configuration
Category	Back Plane Sequence Events (DPSE)
Severity	Critical
Description	An ops-switchd plugin failed executing an operation

Chapter 37
ECMP events

The following are the events related to ECMP.

Event ID: 1801

Message	Failed to update ecmp object for route <*route*>, error: <*err*>
Category	ECMP
Severity	Error
Description	logs errors while creating ecmp group.

Event ID: 1802

Message	Update ecmp object for route <*route*>
Category	ECMP
Severity	Information
Description	logs while creating ecmp group.

Event ID: 1803

Message	Failed to delete ecmp egress object <*egressid*>, error: <*err*>
Category	ECMP
Severity	Error
Description	logs errors while deleting ecmp group.

Event ID: 1804

Message	Delete ecmp egress object <*egressid*>
Category	ECMP
Severity	Information
Description	logs while deleting ecmp group.

Event ID: 1805

Message	ECMP error: <*err*>
Category	ECMP
Severity	Error
Description	logs for ECMP setup errors.

Chapter 38
ERPS events

The following are the events related to ERPS.

Event ID: 8501

Message	Expected R-APS packets not received on <*ifID*> in ring <*ringID*> with control VLAN <*ccvlan*>
Category	ERPS
Severity	Warning
Description	Log event when RAPS messages are not received for a certain time interval

Event ID: 8502

Message	Misconfiguration detected on ring <*ringID*> with control VLAN <*ccvlan*>. Another node in the ring with mac <*node*> is also operating as an RPL owner
Category	ERPS
Severity	Warning
Description	Log event when a ring misconfiguration happens

Event ID: 8503

Message	Operational state of the ring <*ringID*>, instance <*instanceID*> changed to <*state*>
Category	ERPS
Severity	Information
Description	Log state transition of ring instance

Event ID: 8504

Message	<*interfaceName*> is not an L2 port
Category	ERPS
Severity	Information
Description	Log event when ring is configured with a non-L2 port

Event ID: 8505

Message	<*interfaceName*> is already associated with <*portName*> of ERPS ring <*ringID*>
Category	ERPS
Severity	Information
Description	Log event when an interface which is already associated to a ring port is getting mapped to other ring port as well

Event ID: 8506

Message	Configured control-channel VLAN <*ccVlan*> is already protected by ERPS ring <*ringID*>, instance <*instanceID*>
Category	ERPS
Severity	Information
Description	Log event when control-channel VLAN is part of the protected-vlans

Event ID: 8507

Message	VLAN <*ccVlan*> is already configured as control-channel for instance <*instanceID*> of ring <*ringID*>
Category	ERPS
Severity	Information
Description	Log event when control-channel VLAN overlaps with another control-channel of same ring

Event ID: 8508

Message	Vlan <*dataVlan*> is already part of the protected VLAN set of ring <*ringID*> instance <*instanceID*>
Category	ERPS
Severity	Information
Description	Log event when protected-vlan(s) overlap

Event ID: 8509

Message	Control VLAN must not be same on parent and sub rings
Category	ERPS
Severity	Information
Description	Log event when same control-channel VLAN is configured on both major and sub-rings

Event ID: 8510

Message	Parent-ring <*ringID*> is same as sub-ring
Category	ERPS
Severity	Information
Description	Log event when parent-ring id is configured to be the same as sub-ring

Event ID: 8511

Message	VLAN <*vlanID*> in the protected VLANs list is also configured as the control-channel
Category	ERPS
Severity	Information
Description	Log event when VLAN from the protected-vlans list is already configured as control-channel VLAN

Event ID: 8512

Message	<*portName*> is already configured as RPL port for instance <*instanceID*>
Category	ERPS
Severity	Information
Description	Log event if the same ring port is configured as RPL port for more than one instance

Event ID: 8513

Message	RPL configuration is not allowed on ISL port <*interfaceName*>
Category	ERPS
Severity	Information
Description	Log event if ring port which is also an ISL is being configured as RPL

Event ID: 8514

Message	Protected VLAN set of instance in sub-ring should map to same instance in the parent ring
Category	ERPS
Severity	Information
Description	Log event if protected-vlan set of sub-ring is not a subset of the major-ring

Event ID: 8515

Message	Operational state of the ring <*ringID*>, instance <*instanceID*> changed to Initializing with reason <*reason*>
Category	ERPS
Severity	Information
Description	Log transition of state of ring instance to initializing and the reason for it

Chapter 39
EVPN events

The following are the events related to EVPN.

Event ID: 9501

Message	EVPN EVI: <*evi*> created
Category	EVPN
Severity	Info
Description	Logs EVPN EVI create event.

Event ID: 9502

Message	EVPN EVI: <*evi*> deleted
Category	EVPN
Severity	Info
Description	Logs EVPN EVI delete event.

Event ID: 9503

Message	EVPN RD: <*rd*> updated for EVI: <*evi*>
Category	EVPN
Severity	Info
Description	Logs EVPN RD update event for an EVI.

Event ID: 9504

Message	EVPN RD deleted for EVI: <*evi*>
Category	EVPN
Severity	Info
Description	Logs EVPN RD delete event for an EVI.

Event ID: 9505

Message	EVPN RT: <*rt*> created for EVI: <*evi*>

Category	EVPN
Severity	Info
Description	Logs EVPN RT create event for an EVI.

Event ID: 9506

Message	EVPN RT: <*rt*> deleted for EVI: <*evi*>
Category	EVPN
Severity	Info
Description	Logs EVPN RT delete event for an EVI.

Event ID: 9507

Message	EVPN RT: <*rt*> updated for EVI: <*evi*>
Category	EVPN
Severity	Info
Description	Logs EVPN RT update event for an EVI.

Event ID: 9508

Message	VNI: <*vni*> is added for EVPN Peer VTEP: <*vtep_ip*>
Category	EVPN
Severity	Info
Description	Logs EVPN VTEP VNI add event.

Event ID: 9509

Message	VNI: <*vni*> is deleted for EVPN Peer VTEP: <*vtep_ip*>
Category	EVPN
Severity	Info
Description	Logs EVPN VTEP VNI delete event.

Event ID: 9510

Message	EVPN static MAC conflict <*action*>, MAC: <*mac_addr*>, IP address: <*ip_addr*>, VTEP: <*vtep_ip*>
Category	EVPN

Severity	Error
Description	Logs EVPN static MAC conflict event.

Event ID: 9511

Message	EVPN static MAC conflict <*action*>, MAC: <*mac_addr*>
Category	EVPN
Severity	Error
Description	Logs EVPN static MAC conflict event.

Event ID: 9512

Message	EVPN duplicate MAC dampening <*action*>, MAC: <*mac_addr*>
Category	EVPN
Severity	Error
Description	Logs EVPN duplicate MAC dampening event.

Event ID: 9513

Message	EVPN VRF: <*vrf*> created
Category	EVPN
Severity	Info
Description	Logs EVPN VRF create event.

Event ID: 9514

Message	EVPN VRF: <*vrf*> deleted
Category	EVPN
Severity	Info
Description	Logs EVPN VRF delete event.

Event ID: 9515

Message	EVPN RD: <*rd*> updated for VRF: <*vrf*>
Category	EVPN
Severity	Info
Description	Logs EVPN VRF RD update event.

Event ID: 9516

Message	EVPN RT: <*rt*> created for VRF: <*vrf*>
Category	EVPN
Severity	Info
Description	Logs EVPN VRF RT create event.

Event ID: 9517

Message	EVPN RT {rt_type}: {rt} deleted for VRF: {vrf}
Category	EVPN
Severity	Info
Description	Logs EVPN VRF RT delete event.

Event ID: 9518

Message	EVPN RT {rt_type}: {rt} deleted for VRF: {vrf}
Category	EVPN
Severity	Info
Description	Logs EVPN VRF RT update event.

Event ID: 9519

Message	EVPN dynamic vxlan tunnel briding mode ibgp-ebgp enabled
Category	EVPN
Severity	Info
Description	Log event when dynamic vxlan tunnel briding mode ibgp-ebgp is enabled

Event ID: 9520

Message	EVPN dynamic vxlan tunnel briding mode ibgp-ebgp disabled
Category	EVPN
Severity	Info
Description	Log event when dynamic vxlan tunnel briding mode ibgp-ebgp is disabled

Event ID: 9521

Message	EVPN VLAN Aware Bundle : {bundle_name} created.
Category	EVPN
Severity	Info
Description	Log event when EVPN VLAN Aware bundle created

Event ID: 9522

Message	EVPN VLAN Aware Bundle : {bundle_name} deleted.
Category	EVPN
Severity	Info
Description	Log event when EVPN VLAN Aware bundle deleted

Event ID: 9523

Message	EVPN VLAN Aware Bundle : {bundle_name} disabled.
Category	EVPN
Severity	Info
Description	Log event when EVPN VLAN Aware bundle disabled

Event ID: 9524

Message	EVPN VLAN Aware Bundle : {bundle_name} enabled.
Category	EVPN
Severity	Info
Description	Log event when EVPN VLAN Aware bundle enabled

Event ID: 9525

Message	EVPN EVI : {evi} updated with ethernet-tag : {eth_tag}.
Category	EVPN
Severity	Info
Description	Log event when VLAN ethernet-tag is updated

Event ID: 9526

Message	EVPN duplicate IP dampening {action}, MAC: {mac_addr}, IP address: {ip_addr}, VTEP: {vtep_ip}

Category	EVPN
Severity	Info
Description	Logs EVPN duplicate IP dampening event.

Event ID: 9527

Message	EVPN EVI: RT {rtt} {rt} updated for EVI: {evi}
Category	EVPN
Severity	Info
Description	Logs EVPN RT update event for an EVI.

Event ID: 9528

Message	A route-map exists with broadcast group config, please unconfigure it
Category	EVPN
Severity	Info
Description	Logs event when a route-map exists with broadcast group and dynamic bridging ibgp-ebgp mode is being configured.

Event ID: 9529

Message	EVPN Ethernet Segment with ESI {esi} is created.
Category	EVPN
Severity	Info
Description	Log event when EVPN Ethernet Segment created

Event ID: 9530

Message	EVPN Ethernet Segment with ESI {esi} is deleted.
Category	EVPN
Severity	Info
Description	Log event when EVPN Ethernet Segment deleted

Event ID: 9531

Message	EVPN RT auto mode legacy created for EVI: {evi}.
Category	EVPN

Severity	Info
Description	Logs EVPN RT auto mode create event for an EVI.

Event ID: 9532

Message	EVPN RT auto mode legacy deleted for EVI: {evi}.
Category	EVPN
Severity	Info
Description	Logs EVPN RT auto mode delete event for an EVI.

Event ID: 9533

Message	EVPN_MHM: More than one ES member learnt {num_es_members}.
Category	EVPN
Severity	Warning
Description	Logs event when more than one ES member is learnt.

Chapter 40
External Storage events

The following are the events related to external storage.

Event ID: 7801

Message	Share <*name*> mount failure' throttle_count: 10
Category	External Storage
Severity	Error
Description	Event raised when a share fails to mount

Event ID: 7802

Message	Share <*name*> dismount failure
Category	External Storage
Severity	Error
Description	Event raised when a share fails to dismount

Event ID: 7803

Message	Share <*name*> is mounted
Category	External Storage
Severity	Information
Description	Event raised when a share mounts

Event ID: 7804

Message	Share <*name*> is dismounted
Category	External Storage
Severity	Information
Description	Event raised when a share dismounts

Event ID: 7805

Message	Share <*name*> mount is aborted
Category	External Storage
Severity	Error
Description	Event raised when a mount times out or aborts due to a config change

Event ID: 7806

Message	USB device <*status*>.
Category	External Storage
Severity	Information
Description	USB device mounted or unmounted.

Chapter 41
Fan events

The following are the events related to fan.

Event ID: 201

Message	There are <*count*> total fans in subsystem <*subsystem*>.
Category	Fan
Severity	Info
Description	Log the total number of fans in the subsystem

Event ID: 202

Message	Subsystem <*subsystem*> setting fan speed control register to <*speedval*>: <*value*>.
Category	Fan
Severity	Info
Description	Log the fan speed set

Event ID: 203

Message	Air flow direction: <*value*>.
Category	Fan
Severity	Info
Description	Log the air flow direction

Event ID: 204

Message	Fan tray <*FT_Name*> was removed.
Category	Fan
Severity	Info
Description	Log event when a fan tray is removed from the chassis

Event ID: 205

Message	Fan tray <*FT_Name*> was inserted.
Category	Fan
Severity	Info
Description	Log event when a fan tray is inserted into the chassis

Event ID: 206

Message	Fan module <*FMod_Name*> was removed.
Category	Fan
Severity	Info
Description	Log event when a fan module is removed from a fan tray

Event ID: 207

Message	Fan module <*FMod_Name*> was inserted.
Category	Fan
Severity	Info
Description	Log event when a fan module is inserted into a fan tray

Event ID: 208

Message	Fan tray {FT_Name} is not supported by the system. Please insert a supported fan tray. Refer to the Installation Guide for supported configurations.
Category	Fan
Severity	Error
Description	Log event when an unsupported fan tray is inserted

Event ID: 209

Message	Shutting down system now because <*num_of_failure*> <*failure_type*> <*compare_mode*> limit of <*num_of_failure_limit*>': yes
Category	Fan
Severity	Emergency
Description	Log error when system shutdown is initiated due to critical fan faults

Event ID: 211

Message	Shutting down system in <*seconds*> seconds because <*num_of_failure*> <*failure_type*> <*compare_mode*> limit of <*num_of_failure_limit*>
Category	Fan
Severity	Alert
Description	Log error when the number of failures exceed the allowable limit

Event ID: 212

Message	System shutdown timer is cancelled.': yes
Category	Fan
Severity	Info
Description	Log event when the shutdown timer is cancelled

Event ID: 213

Message	<*num_of_failure*> <*failure_type*> in the system.': yes
Category	Fan
Severity	Error
Description	Log error when there are fan faults

Event ID: 214

Message	<*function*>: Fan <*fan_name*> faulted, reason: <*reason*>.': yes
Category	Fan
Severity	Error
Description	List out the faulty or missing fan names

Event ID: 215

Message	<*FanName*> fan is <*FanStatus*>.
Category	Fan
Severity	Info
Description	Log the fan status

Event ID: 216

Message	Status of fan <*FanName*> has changed from <*OldStatus*> to <*NewStatus*>.
Category	Fan
Severity	Info
Description	Log the change in fan status

Event ID: 217

Message	Operational fan count below minimum. <*FanCount*> fans operating, but <*FanMinimum*> are required.
Category	Fan
Severity	Warning
Description	Log when minimum number of fans are not present.

Event ID: 218

Message	Fan speed index for thermal zone <*ZoneIdx*> is <*FanSpdIdxStatus*>.
Category	Fan
Severity	Info
Description	Log when the fan speed index changes to and from the maximum for each thermal zone

Event ID: 219

Message	Fan tray <*FT_Name*> powered <*Status*>.
Category	Fan
Severity	Info
Description	Log event when a fan tray is powered on or off

Event ID: 220

Message	Fan tray <*FT_Name*> airflow is <*FT_Dir*>.
Category	Fan
Severity	Info
Description	Log event when a fan tray is inserted specifying its airflow direction

Event ID: 221

Message	<*FT_air_curr*> airflow fan tray <*FT_Name*> unsupported; this system requires <*FT_air_req*>

	airflow.
Category	Fan
Severity	Error
Description	Log event when a fan tray airflow is not matching with system airflow

Event ID: 222

Message	<*num_of_failure*> <*failure_type*> <*compare_mode*> limit of <*num_of_failure_limit*>': yes
Category	Fan
Severity	Error
Description	Log error when number of faulty/supported fans does not meet the allowable limit

Event ID: 223

Message	Fan tray <*FT_Name*> FRU EPPROM is incorrectly programmed.
Category	Fan
Severity	Error
Description	Log when fan tray SKU ID in FRU is mismatched

Event ID: 224

Message	<*FT_air_curr*> airflow fan tray <*FT_Name*> disabled; this system requires <*FT_air_req*> airflow.
Category	Fan
Severity	Error
Description	Log event when a fan tray airflow is not matching with system airflow and is disabled

Event ID: 225

Message	fan tray <*FT_Name*> misconfigured; this fan tray has been <*En_Dis*>.
Category	Fan
Severity	Info
Description	Log event when a misconfigured fan tray is enabled or disabled

Chapter 42
Fault monitor events

The following are the events related to fault monitor.

Event ID: 11101

Message	Interface <*interface*>: <*fault*> fault detected': yes
Category	Fault monitor
Severity	Warning
Description	Logs event when a fault is detected on an interface.

Event ID: 11102

Message	Interface <*interface*>: <*fault*> fault detected and port disabled': yes
Category	Fault monitor
Severity	Warning
Description	Logs event and shutdown the interface when a fault is detected on an interface.

Event ID: 11103

Message	Interface <*interface*>: <*fault*> fault re-enable time expired, port enabled': yes
Category	Fault monitor
Severity	Info
Description	Interface is auto-enabled on timer expiry.

Event ID: 11104

Message	Interface <*interface*>: <*fault*> fault disable cancelled due to configuration change': yes
Category	Fault monitor
Severity	Info
Description	Interface is auto-enabled on profile configuration change.

Event ID: 11105

Message	Admin state changed and interface: <*interface*> is auto-enabled': yes
Category	Fault monitor
Severity	Info
Description	Interface is auto-enabled on admin state change.

Event ID: 11106

Message	Interface <*interface*>: <*fault*> fault detected, port is already disabled by another fault.': yes
Category	Fault monitor
Severity	Warning
Description	Logs event when disabling of a faulty interface failed.

Event ID: 11107

Message	MAC Lockout packet drop detected for {mac} as destination address with packet count: {da_diff_count}.
Category	Fault monitor
Severity	Info
Description	Logs event when a packet drop is detected for MAC Lockout MAC as source address.

Event ID: 11108

Message	MAC Lockout packet drop detected for {mac} as destination address with packet count: {da_diff_count}.
Category	Fault monitor
Severity	Info
Description	Logs event when a packet drop is detected for MAC Lockout MAC as destination address.

Event ID: 11109

Message	MAC Lockout packet drop detected for {mac} as source & destination address with source packet count: {sa_diff_count} and destination packet count: {da_diff_count}.
Category	Fault monitor
Severity	Info
Description	Logs event when a packet drop is detected for MAC Lockout.

Chapter 43
Feature Pack events

The following are the events related to CX Advanced and CX Premium feature packs.

Event ID: 14401

Message	{feature_pack_name} installed
Category	Feature Pack
Severity	Info
Description	Event raised when a feature pack is installed

Event ID: 14402

Message	{feature_pack_name} erased.
Category	Feature Pack
Severity	Info
Description	Event raised when a feature pack is erased.

Event ID: 14403

Message	{feature_pack_name} expired on {expiry_date}.
Category	Feature Pack
Severity	Warning
Description	Event raised when a feature pack expires

Event ID: 14404

Message	Feature pack {parameter_type} {subscription_parameter} does not match device {parameter_type} {device_parameter}
Category	Feature Pack
Severity	Warning
Description	Event raised when a feature pack serial number or MAC address does not match that of the device

Event ID: 14405

Message	Event raised when a feature pack file downloads successfully
Category	Feature Pack
Severity	Info
Description	Feature pack file download success

Event ID: 14406

Message	Feature pack file download failure
Category	Feature Pack
Severity	Warning
Description	Event raised when a feature pack file download fails

Event ID: 14407

Message	Feature pack subscription through HPE Aruba Networking Central is {connection_state}
Category	Feature Pack
Severity	Info
Description	Event raised when a feature pack subscription through HPE Aruba Networking Central becomes connected or disconnected

Event ID: 14408

Message	VSF member serial number {device_serial} not subscribed as part of installed feature pack
Category	Feature Pack
Severity	Warning
Description	Event raised when a VSF member is not subscribed as part of the installed feature pack

Event ID: 14409

Message	Feature {feature_name} is operating in honor mode without a valid feature pack.
Category	Feature Pack
Severity	Warning
Description	Periodic event raised to indicate that a feature is operating in honor mode

Event ID: 14410

Message	Connection to feature pack server lost and subscription for {feature_pack_name} cannot

	be validated. Subscribed features will continue to operate in honor mode.
Category	Feature Pack
Severity	Warning
Description	Event raised when a connection to the feature pack server has been lost and the feature pack subscription cannot be validated

Event ID: 14411

Message	No feature pack is installed. This device requires an Advanced or Premium feature pack to use advanced or premium features.
Category	Feature Pack
Severity	Warning
Description	Event raised to indicate that the device requires a feature pack

Event ID: 14412

Message	Advanced feature pack installed. This system requires a Premium feature pack to use all features.
Category	Feature Pack
Severity	Warning
Description	Event raised to indicate that a higher feature pack tier is available and necessary to enable higher tier features

Event ID: 14413

Message	Software feature pack {feature_pack_name} revoked by the server.
Category	Feature Pack
Severity	Info
Description	Event raised when a feature pack is revoked by the feature pack server.

Event ID: 14414

Message	Feature pack mode {feature_pack_mode} does not match installed feature pack type {feature_pack_type}.
Category	Feature Pack
Severity	Warning
Description	Event raised when the feature pack mode configured does not match the feature pack type installed on the device.

Event ID: 14415

Message	Cloud-managed mode is enabled. A feature pack server will be used for feature pack management.
Category	Feature Pack
Severity	Info
Description	Event raised when the feature pack management mode is set to cloud-managed

Event ID: 14416

Message	Cloud-managed mode is disabled. A feature pack server will no longer be used for feature pack management.
Category	Feature Pack
Severity	Info
Description	Event raised when the management mode is different than cloud-managed

Event ID: 14417

Message	The feature pack has been successfully validated by the server
Category	Feature Pack
Severity	Info
Description	Event raised when the feature pack was successfully validated by the server

Event ID: 14418

Message	Feature pack server failed to validate the installed feature pack
Category	Feature Pack
Severity	Error
Description	Event raised when there is an error validating a feature pack by the server

Event ID: 14419

Message	One or more advanced features have been blocked due to an invalid or missing feature-pack. Check show feature-pack for details.
Category	Feature Pack
Severity	Warning
Description	Event raised when an invalid or missing feature pack blocks one or more features from operating

FIB events

The following are the events related to Forwarding Information Base (FIB) management.

Event ID: 16501

Message	Max protected nexthops capacity ({max_capacity}) has been reached
Category	FIB
Severity	Warning
Description	Log event to indicate that the max protected nexthops capacity has been reached

Event ID: 16502

Message	Failed to allocate index for protected nexthop
Category	FIB
Severity	Info
Description	Log event to indicate failure when allocating an index for protected nexthop

Chapter 44
Firmware Update events

The following are the events related to firmware update.

Event ID: 4401

Message	User <*user*>: <*image_profile*> image updated via <*dnld_type*> from <*host*>. Firmware version, Before Update: <*before*> After Update: <*after*>
Category	Firmware Update
Severity	Info
Description	Indicates that the switch firmware was succesfully updated from a remote source

Event ID: 4402

Message	User <*user*>: <*image_profile*> image updated via <*dnld_type*>. Firmware version, Before Update: <*before*> After Update: <*after*>
Category	Firmware Update
Severity	Info
Description	Indicates that the switch firmware was succesfully updated from a local source

Event ID: 4403

Message	User <*user*>: <*image_profile*> image update failed via <*dnld_type*> from <*host*>
Category	Firmware Update
Severity	Error
Description	Indicates that a switch firmware update failed from a remote source

Event ID: 4404

Message	User <*user*>: <*image_profile*> image update failed via <*dnld_type*>
Category	Firmware Update
Severity	Error
Description	Indicates that a switch firmware update failed from a local source

Event ID: 4405

Message	Firmware image signature not valid
Category	Firmware Update
Severity	Error
Description	Indicates that the signature verification check during a switch firmware or hot-patch download failed

Event ID: 4406

Message	Firmware image is not compatible with hardware
Category	Firmware Update
Severity	Error
Description	Indicates that the signature verification check during a switch firmware or hot-patch download failed

Event ID: 4407

Message	Firmware image is invalid
Category	Firmware Update
Severity	Error
Description	Indicates that the signature verification check during a switch firmware or hot-patch download failed

Event ID: 4408

Message	User {user}: hot-patch "{hotpatch_name}" downloaded via {dnld_type} from {host
Category	Firmware Update
Severity	Info
Description	Indicates that a hot-patch image was downloaded succesfully from a remote sour

Event ID: 4409

Message	User {user}: hot-patch "{hotpatch_name}" downloaded via {dnld_type}.
Category	Firmware Update
Severity	Info
Description	Indicates that a hot-patch image was downloaded succesfully from a local source

Event ID: 4410

Message	User {user}: hot-patch "{hotpatch_name}" download failed via {dnld_type} from {host}
Category	Firmware Update
Severity	Info
Description	Indicates that a hot-patch image download failed from a remote source

Event ID: 4411

Message	User {user}: hot-patch "{hotpatch_name}" download failed via {dnld_type}
Category	Firmware Update
Severity	Info
Description	Indicates that a hot-patch image download failed from a local source

Chapter 45
Forwarding and Queuing for Time-Sensitive Streams (FQTSS)

The following are the events related to distributed services on the 10000 Switch series.

Event ID: 15701

Message	{cache_type} cache entry with key {key} is {event}
Category	FQTSS
Severity	Info
Description	Event reported when port-stream cache is created or deleted.

Event ID: 15702

Message	Port {port_name} state is changed from {port_state_old} to {port_state_new}
Category	FQTSS
Severity	Info
Description	Event reported when port state changes

Event ID: 15703

Message	Stream {streamid} state is changed from {stream_state_old} to {stream_state_new}
Category	FQTSS
Severity	Info
Description	Event reported when stream state changes

Event ID: 15704

Message	Stream {streamid} state on port {port_name} is changed from {port_stream_state_old} to {port_stream_state_new}
Category	FQTSS
Severity	Info
Description	Event reported when port-stream state changes

Event ID: 15705

Message	Port HW Resources updated on {port_name} on {request_type} with values: classA_ded {classA_ded} classB_ded {classB_ded} classA_max {classA_max} classB_max {classB_max}
Category	FQTSS
Severity	Info
Description	Event reported when stream needs a hardware resource.

Event ID: 15706

Message	{resource_type} {key} failed during {request_type} with {reason}
Category	FQTSS
Severity	Info
Description	Event reported when failure occurs for port or stream entities.

Event ID: 15707

Message	Stream {stream_id} on port {port_name} failed during {request_type} with {reason}
Category	FQTSS
Severity	Info
Description	Event reported when failure occurs for port-stream entities

Chapter 46
Hardware Health Monitor events

The following are the events related to hardware health monitor.

Event ID: 3001

Message	Diagnostic <*test_name*> failed with error code <*error_code*> on management module <*slot*>': yes
Category	Hardware Health Monitor
Severity	Error
Description	Event raised when hardware diagnostics detects error in management module

Event ID: 3002

Message	Diagnostic <*test_name*> failed with error code <*error_code*> on line card <*slot*>': yes
Category	Hardware Health Monitor
Severity	Error
Description	Event raised when hardware diagnostics detects error in line card

Event ID: 3003

Message	Diagnostic <*test_name*> failed with error code <*error_code*> on fabric card <*slot*>': yes
Category	Hardware Health Monitor
Severity	Error
Description	Event raised when hardware diagnostics detects error in fabric card

Event ID: 3004

Message	Diagnostic <*test_name*> failed with error code <*error_code*> on fan tray <*slot*>': yes
Category	Hardware Health Monitor
Severity	Error
Description	Event raised when hardware diagnostics detects error in fan tray

Event ID: 3005

Message	Diagnostic <*test_name*> failed with error code <*error_code*> on rear display card <*slot*>': yes
Category	Hardware Health Monitor
Severity	Error
Description	Event raised when hardware diagnostics detects error in rear display card

Event ID: 3006

Message	Diagnostic <*test_name*> failed with error code <*error_code*> for the system': yes
Category	Hardware Health Monitor
Severity	Error
Description	Event raised when hardware diagnostics detects error in the system

Event ID: 3007

Message	There are <*origin*> happening on <*location*>': yes
Category	Hardware Health Monitor
Severity	Warning
Description	Logs MCE BUS error

Event ID: 3008

Message	There are IO errors on <*location*> from <*seg*>:<*bus*>:<*device*>:<*function*>': yes
Category	Hardware Health Monitor
Severity	Warning
Description	Logs MCE IO error

Event ID: 3009

Message	There are unknown errors on <*location*> from <*status*>:<*addr*>:<*misc*>:<*mcgstatus*>:<*cap*>': yes
Category	Hardware Health Monitor
Severity	Info
Description	Logs MCE unknown error

Event ID: 3010

Message	CPUs <*cpus*> L<*level*> <*type*> cache error detected. CPUs <*offlined*> offlined': yes
Category	Hardware Health Monitor
Severity	Warning
Description	Logs CPU cache error

Event ID: 3011

Message	Socket <*socket*> correctable memory error count <*cecount*> exceeded threshold <*threshold*>': yes
Category	Hardware Health Monitor
Severity	Warning
Description	Log when socket correctable memory error count is exceeded threshold

Event ID: 3012

Message	Module <*channel*> correctable memory error count <*cecount*> exceeded threshold <*threshold*>': yes
Category	Hardware Health Monitor
Severity	Warning
Description	Log when module correctable memory error count is exceeded threshold

Event ID: 3013

Message	Page <*page*> correctable memory error count <*cecount*> exceeded threshold <*threshold*> and <*offlined*>': yes
Category	Hardware Health Monitor
Severity	Warning
Description	Log when page correctable memory error count is exceeded threshold

Event ID: 3013

Message	Page <*page*> correctable memory error count <*cecount*> exceeded threshold <*threshold*> and <*offlined*>': yes
Category	Hardware Health Monitor
Severity	Warning
Description	Log when page correctable memory error count is exceeded threshold

Event ID: 3014

Message	Diagnostic {test_name} failed with error code {error_code} on management module {slot} and report as info
Category	Hardware Health Monitor
Severity	Info
Description	Event raised when hardware diagnostics detects error in management module and report as inf

Event ID: 3015

Message	Diagnostic {test_name} failed with error code {error_code} on management module {slot} and report as warning
Category	Hardware Health Monitor
Severity	Warning
Description	Event raised when hardware diagnostics detects error in management module and report as warning

Event ID: 3016

Message	Diagnostic {test_name} failed with error code {error_code} on fabric card {slot} and report as inf
Category	Hardware Health Monitor
Severity	Info
Description	Event raised when hardware diagnostics detects error in fabric card and report as inf

Event ID: 3017

Message	Diagnostic {test_name} failed with error code {error_code} on fabric card {slot} and report as warnin
Category	Hardware Health Monitor
Severity	Warning
Description	Event raised when hardware diagnostics detects error in fabric card and report as warning

Event ID: 3018

Message	Diagnostic {test_name} failed with error code {error_code} on line card {slot} and report as info
Category	Hardware Health Monitor
Severity	Info
Description	Event raised when hardware diagnostics detects error in line card and report as info'

Event ID: 3019

Message	Diagnostic {test_name} failed with error code {error_code} on line card {slot} and report as warning
Category	Hardware Health Monitor
Severity	Warning
Description	Event raised when hardware diagnostics detects error in line card and report as warning

Event ID: 3020

Message	Diagnostic {test_name} failed with error code {error_code} on fan tray {slot} and report as info
Category	Hardware Health Monitor
Severity	Info
Description	Event raised when hardware diagnostics detects error in fan tray and report as info

Event ID: 3021

Message	Diagnostic {test_name} failed with error code {error_code} on fan tray {slot} and report as warning
Category	Hardware Health Monitor
Severity	Warning
Description	Event raised when hardware diagnostics detects error in fan tray and report as warning

Event ID: 3022

Message	Diagnostic {test_name} failed with error code {error_code} on chassis {slot}
Category	Hardware Health Monitor
Severity	Error
Description	Event raised when hardware diagnostics detects error in fan tray and report as warning

Event ID: 3023

Message	Diagnostic {test_name} failed with error code {error_code} on chassis {slot} and report as warning
Category	Hardware Health Monitor
Severity	Info
Description	Event raised when hardware diagnostics detects error in chassis and report as info

Event ID: 3024

Message	Diagnostic {test_name} failed with error code {error_code} on chassis {slot}
Category	Hardware Health Monitor
Severity	Warning
Description	Event raised when hardware diagnostics detects error in chassis and report as warning

Event ID: 13801

Message	
Category	Hardware Health Monitor
Severity	Warning
Description	Event raised when hardware diagnostics detects error in Chassis

Event ID: 13802

Message	HW Fault (Error {error_code}) detected on the switch. {impact_statement}. Contact support for assistance.
Category	Hardware Health Monitor
Severity	Warning
Description	Event raised when hardware diagnostics error detected in the system

Chapter 47
Hardware switch controller sync events

The following are the events related to hardware switch controller.

Event ID: 8801

Message	Hardware VTEP DB setup is completed
Category	Hardware switch controller sync
Severity	Info
Description	Log when hardware VTEP DB setup is completed

Event ID: 8802

Message	Physical Port <*port*> is created in Hardware VTEP DB
Category	Hardware switch controller sync
Severity	Info
Description	Log when physical port is created in hardware VTEP DB

Event ID: 8803

Message	Physical Port <*port*> is deleted from Hardware VTEP DB
Category	Hardware switch controller sync
Severity	Info
Description	Log when physical port is deleted from hardware VTEP DB

Event ID: 8804

Message	HSC configuration is completed on the switch and pushed to Hardware VTEP DB
Category	Hardware switch controller sync
Severity	Info
Description	Logs when HSC configuration is completed on the switch and pushed to Hardware VTEP DB

Event ID: 8805

Message	HSC configuration is deleted from the switch and Hardware VTEP DB
Category	Hardware switch controller sync
Severity	Info
Description	Logs when HSC configuration is deleted from the switch and Hardware VTEP DB

Event ID: 8806

Message	Local MAC <*mac*> learnt on VLAN <*vlan*> is updated in the Hardware VTEP DB
Category	Hardware switch controller sync
Severity	Info
Description	Logs when local MAC learn on VLAN is updated in the Hardwar VTEP DB

Event ID: 8807

Message	Local MAC <*mac*> learnt on VLAN <*vlan*> is removed from the Hardware VTEP DB
Category	Hardware switch controller sync
Severity	Info
Description	Logs when local MAC learnt on VLAN is removed from the Hardware VTEP DB

Event ID: 8808

Message	VXLAN IP <*ip*> is updated in the Hardware VTEP DB
Category	Hardware switch controller sync
Severity	Info
Description	Logs when VXLAN IP is updated in the Hardware VTEP DB

Event ID: 8809

Message	VXLAN IP <*ip*> is removed from Switch and Hardware VTEP DB
Category	Hardware switch controller sync
Severity	Info

Event ID: 8810

Message	Unicast Remote MAC <*mac*> learnt on VNI <*vni*> is added to the switch
Category	Hardware switch controller sync

Severity	Info
Description	Logs when unicast remote MAC learnt on VNI is added to the switch

Event ID: 8811

Message	Unicast Remote MAC <*mac*> learnt on VNI <*vni*> is removed from the switch
Category	Hardware switch controller sync
Severity	Info
Description	Logs when unicast remote MAC learnt on VNI is removed from the switch

Event ID: 8812

Message	Tunnel <*ip*> is removed from Hardware VTEP DB
Category	Hardware switch controller sync
Severity	Info
Description	Logs when tunnel is removed from Hardware VTEP DB

Chapter 48
Hot Patch events

The following are the events related to Hot Patch updates.

Event ID: 13201

Message	Hot-patch {patch_name} will be disabled upon reboot.
Category	Hot Patch
Severity	LOG_INFO
Description	Logs a message for the user to reboot the system in order to deactivate patch

Event ID: 13202

Message	Hot-patch {patch_name} added.
Category	Hot Patch
Severity	LOG_INFO
Description	New hot-patch file was detected.

-Event ID: 13203

Message	Hot-patch {patch_name} successfully applied.
Category	Hot Patch
Severity	LOG_INFO
Description	Hot-patch was applied to running system software.

Event ID: 13204

Message	Hot-patch {patch_name} removed.
Category	Hot Patch
Severity	LOG_INFO
Description	Hot-patch file deleted.

Event ID: 13205

Message	Hot-patch {patch_name} config mismatch, patch applied.
Category	Hot Patch
Severity	LOG_WARN
Description	Hot-patch config and filesystem do not agree.

Event ID: 13206

Message	Hot-patch {patch_name} is missing.
Category	Hot Patch
Severity	LOG_WARN
Description	Hot-patch is not found on the filesystem.

Event ID: 13207

Message	Hot-patch {patch_name} verification failed.
Category	Hot Patch
Severity	LOG_ERR
Description	Hot-patch failed file verification.

Event ID: 13208

Message	Hot-patch {patch_name} failed to apply'
Category	Hot Patch
Severity	LOG_ERR
Description	Hot-patch failed to apply to all required components.

Event ID: 13209

Message	Hot-patch {patch_name} image signature not valid.
Category	Hot Patch
Severity	LOG_ERR
Description	Indicates that a the signature verification check during a hot-patch download failed

Event ID: 13210

Message	Hot-patch {patch_name} image is not compatible with hardware.

Category	Hot Patch
Severity	LOG_ERR
Description	Indicates that the hot-patch image downloaded is not compatible with hardware

Event ID: 13211

Message	Hot-patch {patch_name} image is not compatible with software.
Category	Hot Patch
Severity	LOG_ERR
Description	Indicates that the hot-patch image downloaded is not compatible with the current software version

Event ID: 13212

Message	Hot-patch {patch_name} is invalid'
Category	Hot Patch
Severity	LOG_ERR
Description	Indicates that the hot-patch file downloaded for is not a valid image' event_description_ template:

Event ID: 13213

Message	Hot-patch {patch_name} was modified after it was parsed'
Category	Hot Patch
Severity	LOG_WARN
Description	Indicates that the hot-patch file was modified after parsing

Event ID: 13214

Message	Not enough disk space available to install hot-patch {patch_name}.
Category	Hot Patch
Severity	LOG_ERR
Description	Indicates that the hot-patch file could not be installed due to low disk space

Event ID: 13215

Message	Not enough memory available to install hot-patch {patch_name}'

Category	Hot Patch
Severity	LOG_ERR
Description	Indicates that the hot-patch file could not be installed due to low memory

Event ID: 13216

Message	Indicates that hot-patch install timed out.
Category	Hot Patch
Severity	LOG_ERR
Description	Hot-patch {patch_name} install timed out.

Event ID: 13217

Message	Hot-patch {patch_name} could not be installed because a newer hot-patch has been, or will be, installed'
Category	Hot Patch
Severity	LOG_WARN
Description	Indicates that the hot-patch file could not be installed because a newer hot-patch has been, or will be, installed

Event ID: 13218

Message	Hot-patch {patch_name} could not be installed because another patch that is configured to be installed has the same timestamp.
Category	Hot Patch
Severity	LOG_WARN
Description	Indicates that the hot-patch file could not be installed because another patch that is configured to be installed has the same timestamp

Event ID: 13219

Message	Hot-patch {patch_name} verification timed out after {time_out} seconds.
Category	Hot Patch
Severity	LOG_ERR
Description	Indicates that hot-patch verification timed out.

Event ID: 13220

Message	Hot-patch {patch_name} is applying.
Category	Hot Patch
Severity	LOG_INFO
Description	Indicates that a hot-patch is currently being applied.

Event ID: 13221

Message	Hot-patch {patch_name} is unapplying.
Category	Hot Patch
Severity	LOG_INFO
Description	Indicates that a hot-patch is currently being unapplied.

Event ID: 13222

Message	Hot-patch {patch_name} is not applied.
Category	Hot Patch
Severity	LOG_INFO
Description	Hot-patch unapplied on running system software.

Event ID: 13223

Message	Hot-patch {patch_name} failed to unapply. Reboot recommended.
Category	Hot Patch
Severity	LOG_ERR
Description	Hot-patch failed to unapply on all required components.

Event ID: 13224

Message	Hot-patch {patch_name} failed to download'
Category	Hot Patch
Severity	LOG_ERR
Description	Hot-patch failed to download.

Event ID: 13224

Message	Hot-patch {patch_name} failed to download'

Category	Hot Patch
Severity	LOG_ERR
Description	Hot-patch failed to download.

Event ID: 13224

Message	Hot-patch {patch_name} failed to download'
Category	Hot Patch
Severity	LOG_ERR
Description	Hot-patch failed to download.

Event ID: 13225

Message	Hot-patch {patch_name} downloaded successfully'
Category	Hot Patch
Severity	LOG_INFO
Description	Hot-patch downloaded successfully.

Event ID: 13226

Message	Attempt to Hot-Patch {patch_name} on {ss_type}_{ss_name} at boot : "{status}"'
Category	Hot Patch
Severity	LOG_INFO
Description	Status of the Hot-patch attempted to be applied at boot

Chapter 49
HTTPS Server events

The following are the events related to HTTPS server.

Event ID: 5601

Message	User <*user*> has enabled <*mode*> for REST mode
Category	HTTPS Server
Severity	Information
Description	Logs a message when a user changes the status of the REST mode

Event ID: 5602

Message	User <*user*> has <*status*> HTTPS Server on VRF <*vrf*>
Category	HTTPS Server
Severity	Information
Description	Logs a message when a user enables/disables the https-server VRF configuration

Event ID: 5603

Message	User <*user*> closed all HTTPS sessions
Category	HTTPS Server
Severity	Information
Description	Logs a message when a user closes all HTTPS sessions

Event ID: 5604

Message	User <*user*> changed the HTTPS Server max user sessions amount to <*sessions*>
Category	HTTPS Server
Severity	Information
Description	Logs a message when a user changes the maximum amount of sessions per user

Event ID: 5605

Message	User <*user*> changed the HTTPS Server idle timeout to <*timeout*>
Category	HTTPS Server
Severity	Information
Description	Logs a message when a user changes the value of the session idle timeout

Inband Flow Analyzer (IFA) events

The following are the events related to Inband Flow Analyzer (IFA).

Event ID: 16401

Message	HONOR_MODE: Inband Flow Analyzer is operating without a valid feature pack.
Category	IFA
Severity	INFO
Description	Log event to indicate that Inband Flow Analyzer feature is operating without a valid feature pack

Event ID: 16402

Message	STRICT_MODE: Inband Flow Analyzer is blocked due to invalid or missing feature pack.
Category	IFA
Severity	INFO
Description	Log event to indicate that Inband Flow Analyzer feature is blocked due to invalid or missing feature pack

Event ID: 16403

Message	ACTIVE_MODE: Inband Flow Analyzer is operating with a valid feature pack.
Category	IFA
Severity	INFO
Description	Log event to indicate that Inband Flow Analyzer feature is operational for a valid feature pack

Event ID: 16404

Message	Inband Flow Analyzer Initiator monitor {monitor_name} configuration is being applied on {context} for {ip_version} version.
Category	IFA
Severity	INFO
Description	Log event to indicate that an Inband Flow Analyzer initiator monitor config is being applied

Event ID: 16405

Message	Inband Flow Analyzer {monitor_type} monitor for ip-all configuration is being applied.
Category	IFA
Severity	INFO
Description	Log event to indicate that an Inband Flow Analyzer transit or terminator monitor config is being applied

Event ID: 16406

Message	Inband Flow Analyzer Initiator monitor {monitor_name} is active on {context} for {ip_version} version.
Category	IFA
Severity	INFO
Description	Log event to indicate that an Inband Flow Analyzer initiator monitor is active

Event ID: 16407

Message	Inband Flow Analyzer {monitor_type} monitor is active for ip-all.
Category	IFA
Severity	INFO
Description	Log event to indicate that an Inband Flow Analyzer transit or terminator monitor is active

Event ID: 16408

Message	{error_type} Inband Flow Analyzer Initiator monitor {monitor_name} configuration failed to apply on {context} for {ip_version} version, with reason {reason}.
Category	IFA
Severity	ERR
Description	Log event to indicate that an Inband Flow Analyzer initiator monitor config failed

Event ID: 16409

Message	{error_type} Inband Flow Analyzer {monitor_type} monitor configuration failed to apply for ip-all, with reason {reason}.
Category	IFA
Severity	ERR
Description	Log event to indicate that an Inband Flow Analyzer transit or terminator monitor config failed

Event ID: 16410

Message	Inband Flow Analyzer Initiator monitor {monitor_name} on {context} for {ip_version} version destroy started.
Category	IFA
Severity	INFO
Description	Log event to indicate that an Inband Flow Analyzer initiator monitor destroy started

Event ID: 16411

Message	Inband Flow Analyzer {monitor_type} monitor for ip-all destroy started.
Category	IFA
Severity	INFO
Description	Log event to indicate that an Inband Flow Analyzer transit or terminator monitor destroy started

Event ID: 16412

Message	Inband Flow Analyzer Initiator monitor {monitor_name} on {context} for {ip_version} version destroy completed.
Category	IFA
Severity	INFO
Description	Log event to indicate that an Inband Flow Analyzer initiator monitor destroy completed

Event ID: 16413

Message	Inband Flow Analyzer {monitor_type} monitor for ip-all destroy completed.
Category	IFA
Severity	INFO
Description	Log event to indicate that an Inband Flow Analyzer transit or terminator monitor destroy completed

Event ID: 16414

Message	Inband Flow Analyzer {name} set to {value}.
Category	IFA
Severity	INFO
Description	Log event to indicate that an Inband Flow Analyzer setting value has been configured

Event ID: 16415

Message	{error_type} Inband Flow Analyzer {name} failed to set value to {value} due to reason {reason}.
Category	IFA
Severity	ERR
Description	Log event to indicate that an Inband Flow Analyzer setting value failed to be configured

Event ID: 16416

Message	Inband Flow Analyzer TOD sync started.
Category	IFA
Severity	INFO
Description	Log event to indicate that Inband Flow Analyzer TOD sync started

Event ID: 16417

Message	Inband Flow Analyzer TOD sync stopped.
Category	IFA
Severity	INFO
Description	Log event to indicate that Inband Flow Analyzer TOD sync stopped

Event ID: 16418

Message	Inband Flow Analyzer RX thread failed to start.
Category	IFA
Severity	Error
Description	Logs event to indicate that Inband Flow Analyzer RX thread failed to start

Event ID: 16419

Message	Inband Flow Analyzer RX thread failed to stop.
Category	IFA
Severity	Error
Description	Log event to indicate that Inband Flow Analyzer RX thread failed to stop.

Event ID: 16420

Message	Inband Flow Analyzer add packet sniffer failed.

Category	IFA
Severity	Error
Description	Logs event to indicate that Inband Flow Analyzer add packet sniffer failed.

Event ID: 16421

Message	{*error_type*} Inband Flow Analyzer Initiator monitor "{*monitor_name*}" on {*context*} for {*ip_version*} version, encountered an error on state {*state*}.
Category	IFA
Severity	Error
Description	Logs event to indicate that an Inband Flow Analyzer initiator monitor failed at a given state.

Event ID: 16422

Message	{*error_type*} Inband Flow Analyzer {*monitor_type*} monitor, encountered an error on state {*state*}
Category	IFA
Severity	Error
Description	Logs event to indicate that an Inband Flow Analyzer monitor failed at a given state.

Chapter 50
Injected Views

The following are the events related to injected views.

Event ID: 15801

Message	Injected view {name} was loaded
Category	Injected Views
Severity	Info
Description	Event reported when an injected view is loaded

Event ID: 15802

Message	Injected view {name} was unloaded
Category	Injected Views
Severity	Info
Description	Event reported when an injected view is unloaded

Event ID: 15803

Message	Injected view {name} is in a failed state
Category	Injected Views
Severity	Info
Description	Event reported when an injected view is in failed state

Chapter 51
In-System Programming events

The following are the events related to in-system programming.

Event ID: 7200

Message	Internal fatal error at <*file*>:<*line*>
Category	In-System Programming
Severity	Error
Description	ISP internal fatal error

Event ID: 7210

Message	Non-failsafe update needed for <*devspec*>. Please run the allow-unsafe-updates command
Category	In-System Programming
Severity	Error
Description	A non-failsafe device update is needed, but the allow-unsafe-updates command has not yet been run

Event ID: 7211

Message	Do not interrupt non-failsafe update for <*devspec*>
Category	In-System Programming
Severity	Error
Description	A non-failsafe device update is about to start, so do not interrupt it

Event ID: 7212

Message	Starting update for <*devspec*> from version <*fromver*> to version <*tover*>
Category	In-System Programming
Severity	Information
Description	A device update is about to start

Event ID: 7213

Message	Update successful for <*devspec*> from version <*fromver*> to version <*tover*>
Category	In-System Programming
Severity	Information
Description	A device update was successful or in some cases was successfully arranged to be performed later

Event ID: 7214

Message	Update failed for <*devspec*>
Category	In-System Programming
Severity	Critical
Description	A device update failed

Event ID: 7215

Message	Deferred update for <*devspec*> will be performed after an automatic module reset
Category	In-System Programming
Severity	Information
Description	A device update was postponed until after an automatic reset of its module

Event ID: 7216

Message	Approximately <*time*> minute(s) remaining to update <*numdevs*> device(s) on <*modspec*>
Category	In-System Programming
Severity	Information
Description	Indicates the approximate remaining update time for a module

Event ID: 7217

Message	Insufficient redundant power is available to update <*devspec*>
Category	In-System Programming
Severity	Information
Description	Unable to update non-redundant power supply

Event ID: 7218

Message	Programmable device updates are pending that require a power cycle. Wait for all fabric

	and line modules to be ready, then power the system off and back on again
Category	In-System Programming
Severity	Information
Description	ISP needs the chassis power-cycled manually when it cannot be done automatically

Event ID: 7219

Message	Failed to write-protect <*devspec*> (pass <*pass*>)
Category	In-System Programming
Severity	Critical
Description	Failed to write-protect a module or device

Chapter 52
Interface and Interface Diagnostic events

The following are the events related to interface.

Event ID: 401

Message	Interface port_admin set to up for <*interface*> interface
Category	Interface
Severity	Info
Description	Log when interface port_admin set to up

Event ID: 402

Message	Interface port_admin set to down for <*interface*> interface
Category	Interface
Severity	Info
Description	Log when interface port_admin set to down

Event ID: 403

Message	Link status for interface {interface} is {state}
Category	Interface
Severity	Info
Description	Log when interface link status is up

Event ID: 404

Message	Link status for interface {interface} is {state}
Category	Interface
Severity	Info
Description	Log when interface link status is down

Event ID: 405

Message	Reserved for future use
Category	Interface
Severity	Error

Event ID: 406

Message	Interface <*interface*> encountered a hardware error that caused a link reset
Category	Interface
Severity	Info
Description	Log when interface encountered an error that requires user intervention

Event ID: 407

Message	Interface <*interface*> downshifted to speed <*port_speed*> Mbps because link attempt failed at higher speed.
Category	Interface
Severity	Info
Description	Log when interface encountered a downshift

Event ID: 408

Message	Interface <*interface*> is down because MACsec and PFC features are mutually exclusive.
Category	Interface
Severity	Warning
Description	Log when interface is down due to incompatible MACsec and PFC configuration

Event ID: 409

Message	Interface {interface} link reset ignored. {count} total link resets ignored for this interface
Category	Interface
Severity	Info
Description	Log when interface ignores a link reset'

Event ID: 410

Message	Interface {interface} cannot be enabled due to invalid configurationLogged when the current profile does not support splitting

Category	Interface
Severity	Warning
Description	Logged when the interface cannot be enabled due to a configuration setting that is incompatible with hardware

Event ID: 411

Message	Logged when the current profile does not support splitting
Category	Interface
Severity	Warning
Description	Logged when the current profile does not support splitting

Event ID: 14201

Message	Interface {interface}: unable to run cable diagnostic on VSF port
Category	Interface
Severity	Error
Description	Cable diagnostic test is unable to run on VSF port.

Event ID: 14202

Message	Interface {interface}: unable to run cable diagnostic on unsupported port.
Category	Interface
Severity	Error
Description	Cable diagnostic test is unable to run on unsupported port.

Event ID: 14203

Message	Interface {interface}: unable to run cable diagnostic when another diagnostic test is in progress.
Category	Interface
Severity	Error
Description	Cable diagnostic test is unable to run due to another ongoing diagnostic test

Chapter 53
Internal storage events

The following are the events related to internal storage.

Event ID: 9101

Message	Failed to report storage <*name*> details for module <*module_num*>. Error: <*error*>': yes
Category	Internal storage
Severity	Error
Description	Event raised when there is a storage reporting failure

Event ID: 9102

Message	Storage <*name*> health alert. Endurance utilization at <*usage*>% in module <*module_num*>': yes
Category	Internal storage
Severity	Information
Description	Event raised when the storage health deteriorates

Event ID: 9103

Message	Storage <*name*> endurance utilization at <*usage*>% in module <*module_num*>': yes
Category	Internal storage
Severity	Information
Description	Event raised when there is a change in storage endurance

Event ID: 9104

Message	Storage <*name*> health alert. Endurance utilization at <*usage*>% in module <*module_num*>. Failure is imminent. Please backup data': yes
Category	Internal storage
Severity	Error
Description	Event raised when storage failure is imminent

Chapter 54
IP Flow Information Export events

The following are the events related to IP Flow Information Export (IPFIX).

Event ID: 15401

Message	Failed to enable the delivery of IPFIX flow telemetry packets to the CPU.
Category	IPFIX
Severity	Error
Description	Event raised when there is a failure to enable the delivery of IPFIX flow telemetry packets to the CPU.

Chapter 55
IP Flow Monitoring Advertisement events

The following are the events related to IP Flow Monitoring (IPFM).

Event ID: 15101

Message	Flow Tracking feature has been {status}
Category	IP Flow Monitoring
Severity	Info
Description	Log event that indicates global configuration for Flow Tracking feature

Event ID: 15102

Message	Linecard {node_id} is {status}
Category	IP Flow Monitoring
Severity	Info
Description	linecard up event

Event ID: 15103

Message	BULK SYNC event received from linecard {name}
Category	IP Flow Monitoring
Severity	Info
Description	Bulk sync event received

Event ID: 15104

Message	BULK SYNC ALL request sent to all LC
Category	IP Flow Monitoring
Severity	Info
Description	bulk sync all event sent!

Event ID: 15105

Message	IPFMD Publisher is {status}
Category	IP Flow Monitoring
Severity	Info
Description	IPFMD Publisher status

Event ID: 15106

Message	FLUSH timer on LC {node_id} is {status}.
Category	IP Flow Monitoring
Severity	Info
Description	flush timer start/expire status!

Event ID: 15107

Message	IP Flow table utilization has exceeded high threshold on linecard {name}.
Category	IP Flow Monitoring
Severity	Info
Description	IP Flow table utilization reached high threshold on a LC

Event ID: 15108

Message	IP Flow table utilization back to lower threshold on linecard {node_id}
Category	IP Flow Monitoring
Severity	Info
Description	IP Flow table utilization back to lower threshold on a LC

Chapter 56
IP source lockdown events

The following are the events related to IP source lockdown.

Event ID: 9801

Message	IP source-lockdown resource utilization has reached 80 percent of the supported limit of <*max_supported_limit*> on the system
Category	IP source lockdown
Severity	Warning
Description	This log event informs the user that IP_SOURCE_LOCKDOWN resource utilization has reached 80 percent of the supported limits

Event ID: 9802

Message	IP source-lockdown resource utilization has exceeded maximum supported limit of <*max_supported_limit*> on the system. IP source-lockdown functionality will not work for new entries
Category	IP source lockdown
Severity	Critical
Description	This log event informs the user that IP_SOURCE_LOCKDOWN resource utilization has exceeded the supported limits

Event ID: 9803

Message	IP source-lockdown resource utilization has reduced below 80 percent of the supported limit of <*max_supported_limit*> on the system
Category	IP source lockdown
Severity	Information
Description	This log event informs the user that IP_SOURCE_LOCKDOWN resource utilization has reduced below 80 percent of the supported limits

Event ID: 9804

Message	IPv4 source-lockdown is enabled on interface <*interface*>
Category	IP source lockdown

Severity	Information
Description	Log event when IPV4_SOURCE_LOCKDOWN is enabled on an interface

Event ID: 9805

Message	IPv4 source-lockdown is disabled on interface <*interface*>
Category	IP source lockdown
Severity	Information
Description	Log event when IPV4_SOURCE_LOCKDOWN is disabled on an interface

Event ID: 9806

Message	IPv6 source-lockdown is enabled on interface <*interface*>
Category	IP source lockdown
Severity	Information
Description	Log event when IPV6_SOURCE_LOCKDOWN is enabled on an interface

Event ID: 9807

Message	IPv6 source-lockdown is disabled on interface <*interface*>
Category	IP source lockdown
Severity	Information
Description	Log event when IPV6_SOURCE_LOCKDOWN is disabled on an interface

Chapter 57
IP tunnels events

The following are the events related to IP tunnels.

Event ID: 9601

Message	Tunnel Creation Failed - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>)
Category	IP tunnels
Severity	Error
Description	Event raised when tunnel creation fails

Event ID: 9602

Message	Tunnel Created - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>)
Category	IP tunnels
Severity	Information
Description	Event raised when tunnel created

Event ID: 9603

Message	Tunnel Deletion Failed - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>)
Category	IP tunnels
Severity	Error
Description	Event raised when tunnel deletion failed

Event ID: 9604

Message	Tunnel Deleted - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>)
Category	IP tunnels
Severity	Information
Description	Event raised when tunnel deleted

Event ID: 9605

Message	Tunnel Modification Failed - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>) TTL (<*ttl*>)
Category	IP tunnels
Severity	Error
Description	Event raised when tunnel modification failed

Event ID: 9606

Message	Tunnel Source IP Modified - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>)
Category	IP tunnels
Severity	Information
Description	Event raised when tunnel source ip modified

Event ID: 9607

Message	Tunnel Destination IP Modified - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>)
Category	IP tunnels
Severity	Information
Description	Event raised when tunnel destination ip modified

Event ID: 9608

Message	Tunnel TTL Modified - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>) TTL (<*ttl*>)
Category	IP tunnels
Severity	Information
Description	Event raised when tunnel TTL modified

Event ID: 9609

Message	Tunnel MTU Modification Failed - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>) MTU (<*ip_mtu*>)
Category	IP tunnels
Severity	Error
Description	Event raised when tunnel mtu modification failed

Event ID: 9610

Message	Tunnel MTU Modified - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>) MTU (<*ip_mtu*>)
Category	IP tunnels
Severity	Information
Description	Event raised when tunnel mtu modified

Event ID: 9611

Message	Tunnel Nexthop Add Failed - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>)
Category	IP tunnels
Severity	Error
Description	Event raised when tunnel nexthop add failed

Event ID: 9612

Message	Tunnel Nexthop Added - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>)
Category	IP tunnels
Severity	Information
Description	Event raised when tunnel nexthop gets added

Event ID: 9613

Message	Tunnel Nexthop Modify Failed - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>)
Category	IP tunnels
Severity	Error
Description	Event raised when tunnel nexthop modify failed

Event ID: 9614

Message	Tunnel Nexthop Modified - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>)
Category	IP tunnels
Severity	Information
Description	Event raised when tunnel nexthop gets modified

Event ID: 9615

Message	Tunnel Nexthop Delete Failed - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>)
Category	IP tunnels
Severity	Error
Description	Event raised when tunnel nexthop delete failed

Event ID: 9616

Message	Tunnel Nexthop Deleted - Name (<*tunnel_name*>) Type (<*type*>) VRF (<*vrf*>) Local IP (<*src_ip*>) Remote IP (<*dst_ip*>)
Category	IP tunnels
Severity	Information
Description	Event raised when tunnel nexthop gets deleted

Chapter 58
IP-SLA events

The following are the events related to IP-SLA.

Event ID: 7401

Message	IP-SLA session:<*name*> state changed to failed <*state*> due to reason <*reason*>
Category	IP-SLA
Severity	Error
Description	Event raised when an IP-SLA session state is changed to any failed state

Event ID: 7402

Message	IP-SLA session:<*name*> state changed to <*state*> due to reason <*reason*>
Category	IP-SLA
Severity	Information
Description	Event raised when an IP-SLA session state is changed to any info state

Event ID: 7403

Message	IP-SLA <*name*>: <*operation*>
Category	IP-SLA
Severity	Information
Description	Event raised when an IP-SLA session is added or deleted

Event ID: 7404

Message	IP-SLA session:<*name*> is incomplete to schedule
Category	IP-SLA
Severity	Error
Description	Event raised when an IP-SLA incomple config is added

Event ID: 7405

Message	IP-SLA session:<*name*> interface <*interface*> is not ready and SLA is disabled
Category	IP-SLA
Severity	Error
Description	Event raised when an IP-SLA session stopped due to source IP or interface changes

Event ID: 7406

Message	IP-SLA session:<*name*> interface <*interface*> is ready and SLA is enabled
Category	IP-SLA
Severity	Error
Description	Event raised when an IP-SLA session started due to source IP or interface changes

Event ID: 7407

Message	IP-SLA session:<*name*> failed to bind source, reason:<*reason*>
Category	IP-SLA
Severity	Error
Description	Event raised when an IP-SLA session failed to bind source

Event ID: 7408

Message	IP-SLA session:<*name*> failed to initialize socket, reason:<*reason*>
Category	IP-SLA
Severity	Error
Description	Event raised when an IP-SLA session failed to initialize socket

Chapter 59
IPSec tunnel offload events

The following are the events related to IPSec tunnel offload states.

Event ID: 14801

Message	PSec tunnel is UP - Tunnel Id ({tunnel_id})
Category	IPSEC_TUNNEL_OFFLOAD
Severity	Info
Description	Event raised when IPSec tunnel state is up

Event ID: 14802

Message	IPSec tunnel is DOWN - Tunnel Id ({tunnel_id})
Category	IPSEC_TUNNEL_OFFLOAD
Severity	Info
Description	Event raised when IPSec tunnel state is down

Event ID: 14803

Message	IPSec Tunnel is down due to VSX passive mode - Tunnel ({tunnel_id})
Category	IPSEC_TUNNEL_OFFLOAD
Severity	Info
Description	Event raised when IPSec tunnel state is down due to VSX passive mode

Event ID: 14804

Message	Route {prefix} is in no_hw_resource with nexthop as IPSec tunnel{tunnel_id} on vrf {vrf_name}.
Category	IPSEC_TUNNEL_OFFLOAD
Severity	Error
Description	Event to indicate the IPSec Route which is in no_hw_resource state.

Chapter 60
IPv6 Router Advertisement events

The following are the events related to IPv6 router advertisement.

Event ID: 3901

Message	ipv6 ra enabled on interface: <*intf*>
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when ipv6 ra enabled

Event ID: 3902

Message	ipv6 ra disabled on interface: <*intf*>
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when ipv6 ra disabled

Event ID: 3903

Message	Disabled sending MTU in Router-Advertisement messages on <*intf*>
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when ipv6 ra suppress mtu is configured

Event ID: 3904

Message	Enabled sending MTU in Router-Advertisement messages on <*intf*>
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when ipv6 ra suppress mtu configured

Event ID: 3905

Message	Disabled sending RDNSS in Router-Advertisement messages on <*intf*>
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when ipv6 ra suppress rdnss is configured

Event ID: 3906

Message	Enabled sending RDNSS in Router-Advertisement messages on <*intf*>
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when ipv6 ra suppress rdnss is removed

Event ID: 3907

Message	Disabled sending DNSSL in Router-Advertisement messages on <*intf*>
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when ipv6 ra suppress dnssl is configured

Event ID: 3908

Message	Enabled sending DNSSL in Router-Advertisement messages on <*intf*>
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when ipv6 ra suppress dnssl is removed

Event ID: 3909

Message	Interface: <*intf*> is added to router discovery
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when ipv6 ra interface is added

Event ID: 3910

Message	Interface: <*intf*> is deleted from router discovery

Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when ipv6 ra interface is deleted

Event ID: 3911

Message	Added ipv6 prefix: <*ipv6_addr*>/<*prefixlen*> on interface: <*intf*>
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when ipv6 address is added on interface

Event ID: 3912

Message	Deleted ipv6 prefix: <*ipv6_addr*>/<*prefixlen*> from interface: <*intf*>
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when ipv6 address is deleted from interface

Event ID: 3913

Message	Added RA Prefix: <*prefix*> on interface: <*intf*> to prefix list
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when RA Prefix is added on interface

Event ID: 3914

Message	Deleted RA Prefix: <*prefix*> on interface: <*intf*> from prefix list
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when RA Prefix is deleted from interface

Event ID: 3915

Message	default prefix is configured on interface <*intf*>
Category	IPv6 Router Advertisement

Severity	Information
Description	Event raised when default prefix is configured

Event ID: 3916

Message	RDNSS is added on interface: <*intf*>
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when RDNSS is added

Event ID: 3917

Message	RDNSS is deleted on interface: <*intf*>
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when RDNSS is deleted

Event ID: 3918

Message	DNSSL is added on interface: <*intf*>
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when DNSSL is added

Event ID: 3919

Message	DNSSL is deleted on interface: <*intf*>
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when DNSSL is deleted

Event ID: 3920

Message	Added RA Route: <*route*> on interface: <*intf*> to route list
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when RA Route is added on interface

Event ID: 3921

Message	Deleted RA Route: <*route*> on interface: <*intf*> from route list
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when RA Route is deleted from interface

Event ID: 3922

Message	Interface: <*intf*> has been configured with the invalid IPv6 nd ra maxInterval or minInterval
Category	IPv6 Router Advertisement
Severity	Information
Description	Event raised when ipv6 nd ra maxInterval or minInterval is improper

Chapter 61
IRDP events

The following are the events related to IRDP.

Event ID: 3501

Message	IRDP enabled on interface <*interface*>
Category	IRDP
Severity	Information
Description	This command enables the IRDP (ICMP Router Discovery Protocol) feature on interface.

Event ID: 3502

Message	IRDP disabled on interface <*interface*>
Category	IRDP
Severity	Information
Description	This command disables the IRDP (ICMP Router Discovery Protocol) feature on interface.

Event ID: 3503

Message	Interface: <*interface*> has been configured with the invalid irdp holdtime or minInterval or maxInterval
Category	IRDP
Severity	Information
Description	Event raised when irdp holdtime or maxInterval or minInterval is improper

Chapter 62
ISSU events

The following are the events related to In-Service Software Upgrade (ISSU) actions.

Event ID: 13501

Message	{action} in-service software upgrade to {location} operating system image {version}'
Severity	INFO
Category	ISSU
Description	Event to indicate ISSU has started or completed'

Event ID: 13502

Message	In-service software upgrade started operation {operation}' ISSU_ERROR
Severity	INFO
Category	ISSU
Description	Event to indicate progress of ISSU'

Event ID: 13503

Message	{error_type} during ISSU operation {operation}'
Severity	CRIT
Category	ISSU
Description	A critical error occurred during ISSU'

Event ID: 13504

Message	ISSU {condition}: {reason_message}'
Severity	CRIT
Category	ISSU
Description	Indicates the reason ISSU aborted or failed'

Event ID: 13505

Message	ISSU {condition}: Feature "{feature}" not ready: {not_ready_reason}'
Severity	CRIT , not_ready_reason
Category	ISSU
Description	Indicates ISSU was aborted due to a feature not being ready'

Event ID: 13506

Message	ISSU {condition}: Feature "{feature}" failed to prepare for ISSU'
Severity	CRIT
Category	ISSU
Description	Indicates ISSU was aborted due to a feature failing to prepare for ISSU'

Event ID: 13507

Message	ISSU rollback timer has been started, {wait_time} minutes remaining before reboot'
Severity	INFO
Category	ISSU
Description	Indicates ISSU rollback timer has been started'

Event ID: 13508

Message	ISSU rollback timer is running, {wait_time} minutes remaining before reboot'
Severity	INFO
Category	ISSU
Description	Indicates ISSU rollback timer is running'

Event ID: 13509

Message	ISSU has been accepted, the rollback timer has been stopped'
Severity	INFO
Description	Indicates last ISSU was accepted, and rollback timer will stop'
Category	ISSU

Event ID: 13510

Message	'ISSU rollback timer expired, booting system to previous software version

Severity	INFO
Category	ISSU
Description	Indicates ISSU rollback timer expired and the system will boot to previous software version'

Event ID: 13511

Message	'ISSU rollback timer expired. WARNING: previous software version {previous_software_version} was not found, booting system to active bank {active_bank} with {new_software_version} software version. This may cause issues with the current configuration'
Severity	INFO
Category	ISSU
Description	'Indicates ISSU rollback timer expired and the system boot to new software version'

Event ID: 13512

Message	ISSU rollback timer has been recreated, {wait_time} minutes remaining before reboot.'
Severity	INFO
Category	ISSU
Description	Indicates ISSU rollback timer is running after an ISSUd restart'

Chapter 63
Job scheduler events

The following are the events related to job scheduler.

Event ID: 12201

Message	Creating schedule <*name*>, trigger time(s): <*start_datetime*><*details*>
Category	Job scheduler (SCHEDULE)
Severity	Info
Description	Event reported when a schedule is created

Event ID: 12202

Message	Schedule <*name*> triggered, trigger_count: <*trigger_count*>
Category	Job scheduler (SCHEDULE)
Severity	Info
Description	Event reported when a schedule triggers

Event ID: 12203

Message	Timezone changed. Re-creating schedule <*name*>, trigger time(s): <*start_datetime*><*details*>
Category	Job scheduler (SCHEDULE)
Severity	Info
Description	Event reported when the schedules are recreated due to timezone change.

Event ID: 13701

Message	Starting Job {job_name} due to Schedule {schedule_name}'s trigger
Category	Job scheduler (JOB)
Severity	Info
Description	Event reported when a job is executed

Chapter 64
L3 Encap capacity events

The following are the events related to L3 Encap capacity.

Event ID: 10601

Message	L3 resources critical for neighbor and route forwarding are low. Used: <*encaps_allocated*>, Available: <*encaps_free*>
Category	L3 Encap capacity
Severity	Warning
Description	L3 resources needed for neighbor and route forwarding are running low. Large-scale neighbor moves could cause traffic loss.

Event ID: 10602

Message	L3 resources critical for neighbor and route forwarding are at safe levels. Used: <*encaps_allocated*>, Available: <*encaps_free*>
Category	L3 Encap capacity
Severity	Information
Description	L3 resources needed for neighbor and route forwarding are back to a safe level.

Event ID: 10603

Message	Out of L3 resources critical for neighbor and route forwarding. Used: <*encaps_allocated*>, Available: <*encaps_free*>
Category	L3 Encap capacity
Severity	Error
Description	L3 resources needed for neighbor and route forwarding have run out. Traffic loss is imminent.

Chapter 65
L3 Resource Manager events

The following are the events related to L3 Resource Manager.

Event ID: 11501

Message	IPv6 route prefix {prefix} is recommended for transit network use only. The traffic would be software routed. Routing performance to local destination addresses on this network may be impacted.
Category	L3 Resource Manager
Severity	Warning
Description	logs warning for route addition attempt.

Event ID: 11502

Message	"Exceeded resource '<*resource*>' capacity adding <*object*>. Use 'show capacities-status' for more information." throttle_count: 40
Category	L3 Resource Manager
Severity	Error
Description	logs error for running out of resources.

Event ID: 11503

Message	"Resource '<*resource*>' usage is at <*percent*>% of capacity. Use 'show capacities-status' for more information." throttle_count: 40
Category	L3 Resource Manager
Severity	Warning
Description	logs warning for hitting certain capacity limits.

Event ID: 11504

Message	Overlay ECMP route {prefix} has been programmed as a single route.
Category	L3 Resource Manager
Severity	Info
Description	logs warning when overlay ECMP group is programmed as single route.

Event ID: 11505

Message	Traffic for IPv6 route prefix {prefix} will be software routed and performance impacted if no other matching route prefixes from 0-64 for the same destination exist.
Category	L3 Resource Manager
Severity	Warning
Description	Logs warning that traffic might be routed in software for new route.

Event ID: 11506

Message	Tunnel {vtep} resolved nexthop {nexthop} removed.
Category	L3 Resource Manager
Severity	Info
Description	L3RM received event removing resolved nexthop from tunnel.

Event ID: 11507

Message	Tunnel {vtep} resolved nexthop {nexthop} added.
Category	L3 Resource Manager
Severity	Info
Description	L3RM received event adding resolved nexthop to tunnel.

Chapter 66
LACP events

The following are the events related to LACP.

Event ID: 1301

Message	Dynamic LAG <*lag_id*> created
Category	LACP
Severity	Info
Description	Dynamic LAG has been created

Event ID: 1302

Message	Dynamic LAG <*lag_id*> deleted
Category	LACP
Severity	Info
Description	Dynamic LAG has been deleted

Event ID: 1303

Message	Interface <*intf_id*> added to LAG <*lag_id*>. Existing configuration on interface <*intf_id*> will be removed.
Category	LACP
Severity	Info
Description	Log when interface has been added to LAG

Event ID: 1304

Message	Interface <*intf_id*> removed from LAG <*lag_id*>. It will be set with default configuration with admin down state.
Category	LACP
Severity	Info
Description	Log when interface has been removed from LAG

Event ID: 1305

Message	LACP system priority set to <*system_priority*>
Category	LACP
Severity	Info
Description	Log when LACP system priority is set

Event ID: 1306

Message	LACP mode set to <*lacp_mode*> for LAG <*lag_id*>
Category	LACP
Severity	Info
Description	Log when LACP mode is set

Event ID: 1307

Message	LACP system ID set to <*system_id*>
Category	LACP
Severity	Info
Description	Log when LACP system ID is set

Event ID: 1308

Message	LACP rate set to <*lacp_rate*> for LAG <*lag_id*>
Category	LACP
Severity	Info
Description	Log when LACP rate is set

Event ID: 1309

Message	Partner is detected for interface <*intf_id*> LAG <*lag_id*>: <*partner_sys_id*>. Actor state: <*actor_state*>, partner state <*partner_state*>
Category	LACP
Severity	Info
Description	Log when LACP partner is detected

Event ID: 1310

Message	Partner is out of sync for interface <*intf_id*> LAG <*lag_id*>. Actor state: <*actor_state*>,

	partner state <*partner_state*>
Category	LACP
Severity	Warning
Description	Log when LACP parter is out of sync

Event ID: 1311

Message	Partner is lost (timed out) for interface <*intf_id*> LAG <*lag_id*>. State: <*fsm_state*>
Category	LACP
Severity	Warning
Description	Log to indicate that LACP partner is lost

Event ID: 1312

Message	Failed to create LAG <*lag_id*>
Category	LACP
Severity	Error
Description	Log when LAG creation is failed

Event ID: 1313

Message	LAG <*lag_id*> set as VSX
Category	LACP
Severity	Info
Description	Log when VSX is created

Event ID: 1314

Message	LAG <*lag_id*> not sending LACPDUs through interface <*intf_id*> because VSX information is not complete
Category	LACP
Severity	Info
Description	Log when LAG is not sending LACPDUs through interface because VSX informationis incomplete

Event ID: 1315

Message	LACP fallback mode set to <*lacp_fallback_mode*> for lag <*lag_id*>
Category	LACP
Severity	Error
Description	Log when LACP fallback mode is set

Event ID: 1316

Message	LACP fallback timeout set to <*lacp_fallback_timeout*> for lag <*lag_id*>
Category	LACP
Severity	Error
Description	Log when LACP fallback timeout is set

Event ID: 1317

Message	LACP fallback timeout <*lacp_fallback_timeout*> expired for lag <*lag_id*>
Category	LACP
Severity	Error
Description	Log when LACP fallback timeout is expired

Event ID: 1318

Message	Interface <*intf_id*> enabled by fallback for lag <*lag_id*>
Category	LACP
Severity	Error
Description	Log when interface is enabled by fallback

Event ID: 1319

Message	LAG global load balancing mode is set to <*mode*>
Category	LACP
Severity	Info
Description	Logs to set global load balancing mode for LAG interfaces.

Event ID: 1320

Message	LAG load balancing mode is set to <*mode*> for lag <*lag_id*>

Category	LACP
Severity	Info
Description	Logs to set per port load balancing mode for LAG interface.

Event ID: 1321

Message	LAG <*lag_id*> State change for interface <*intf_id*>: Actor state: <*actor_state*>, Partner state <*partner_state*>
Category	LACP
Severity	Info
Description	Logs that capture changes to LACP state for LAG interface.

Event ID: 1322

Message	Interface <*intf_name*> cannot be part of Lag <*lag_number*>. Speed mismatched (Interface speed <*port_speed*>Mbps Lag base speed <*lag_speed*>Mbps).' throttle_count: 100
Category	LACP
Severity	Info
Description	Logs to capture if LACP protocol does not allow interface to be part of lag due to speed mismatch.

Event ID: 1323

Message	Fallback is <*fallback*> for LAG <*lag_id*>
Category	LACP
Severity	Info
Description	Logs to capture if fallback is changed for LAG interface

Event ID: 1324

Message	LACP Graceful Shut is initiated
Category	LACP
Severity	Info
Description	Logs that caputre LACP Graceful Shut for LAG interface

Event ID: 1325

Message	LACP Graceful Shut is completed
Category	LACP
Severity	Info
Description	Logs that caputre LACP Graceful Shut for LAG interface

Event ID: 1326

Message	Interface {intf_id} enabled by fallback-static for lag {lag_id}
Category	LACP
Severity	Info
Description	Log when interface is enabled by fallback-static

Event ID: 1327

Message	Interface {intf_id} disabled by fallback-static for lag {lag_id}
Category	LACP
Severity	Info
Description	Log when interface is disabled by fallback-static

Event ID: 1328

Message	Interface {intf_id} lag {lag_id} blocked as link partners on vsx primary and secondary mismatch
Category	LACP
Severity	Info
Description	Log when interface is blocked due to mismatching partner on the vsx interface

Chapter 67
LAG events

The following are the events related to LAG.

Event ID: 1401

Message	Trunk set succeeds unit <*unit*> lag_id <*lag_id*>
Category	LAG
Severity	Info
Description	Logs the creation of trunk.

Event ID: 1402

Message	Lag creation failed unit <*unit*> lag_id <*lag_id*> rc <*rc*> error <*error*>
Category	LAG
Severity	Error
Description	Logs the failure of trunk creation.

Event ID: 1403

Message	Destroy lag failed on unit <*unit*> lag_id <*lag_id*> rc <*rc*> error <*error*>
Category	LAG
Severity	Error
Description	Logs the failure of trunk destroy.

Event ID: 1404

Message	Trunk member add port succeeds on unit <*unit*> hw_port <*hw_port*> tid <*tid*>
Category	LAG
Severity	Debug
Description	Logs the addition of port to trunk.

Event ID: 1405

Message	Trunk port attach error on hw_port <*hw_port*> tid <*tid*> rc <*rc*> <*error*>
Category	LAG
Severity	Error
Description	Logs the failure of addition of port to trunk.

Event ID: 1406

Message	Failed to set egress enable on hw_port <*hw_port*> tid <*tid*> rc <*rc*> error <*error*>
Category	LAG
Severity	Error
Description	Logs the failure to set egress enable.

Event ID: 1407

Message	Failed to delete hw_port <*hw_port*> from tid <*tid*> rc <*rc*> error <*error*>
Category	LAG
Severity	Error
Description	Logs the failure to delete a port.

Event ID: 1408

Message	Trunk psc set failed on unit <*unit*> lag_id <*lag_id*> psc <*psc*> rc <*rc*> error <*error*>
Category	LAG
Severity	Error
Description	Logs the failure to set port selection criteria.

Event ID: 1409

Message	LAG <*interface*>, set to load balance mode to <*mode*>
Category	LAG
Severity	Info
Description	logs to set load balancing mode for LAG L2/L3 interfaces.

Event ID: 1410

Message	Add port <*port*> to LAG <*interface*>

Category	LAG
Severity	Info
Description	logs to add port to LAG.

Event ID: 1411

Message	Remove port <*port*> from LAG <*interface*>
Category	LAG
Severity	Info
Description	logs to remove port from LAG.

Event ID: 1412

Message	Add port <*port*> to vlan <*vlan*> for L3 LAG <*interface*>
Category	LAG
Severity	Info
Description	logs to add port to L3 LAG.

Event ID: 1413

Message	Remove port <*port*> to vlan <*vlan*> for L3 LAG <*interface*>
Category	LAG
Severity	Info
Description	logs to remove port from LAG.

Event ID: 1414

Message	Destroy L3 LAG interface <*interface*>
Category	LAG
Severity	Info
Description	logs to destroy L3 LAG.

Chapter 68
Launch Daemon (LaunchD) events

The following are the events related a daemon being launched.

Event ID: 14901

Message	All configuration conditions are met to start {daemon} daemon
Category	LAUNCHD
Severity	Info
Description	Event raised when a daemon is started on config availability

Event ID: 14902

Message	Failed to start {daemon} daemon
Category	LAUNCHD
Severity	Error
Description	Event raised when a daemon failed to start on config availability

Event ID: 14903

Message	All configuration conditions are met to stop {daemon} daemon
Category	LAUNCHD
Severity	Info
Description	Event raised when a daemon is stopped on config removal

Event ID: 14904

Message	Failed to delete path file for {daemon} daemon
Category	LAUNCHD
Severity	Error
Description	Event raised when a daemon failed to stop on config removal

Chapter 69
Layer 3 Interface events

The following are the events related to layer 3 interface.

Event ID: 1701

Message	L3-Interface <*interface*>, created
Category	Layer 3 Interface
Severity	Info
Description	logs to create L3 interface.

Event ID: 1702

Message	L3-Interface <*interface*>, deleted
Category	Layer 3 Interface
Severity	Info
Description	logs to delete L3 interface.

Event ID: 1703

Message	Interface <*interface*>, configured administratively <*state*>
Category	Layer 3 Interface
Severity	Info
Description	logs for admin state of L3 interface.

Event ID: 1704

Message	Failed to create <*vlanid*> for layer 3 interface <*interface*>
Category	Layer 3 Interface
Severity	Error
Description	logs errors while creating vlan for layer 3 interfaces.

Event ID: 1705

Message	Failed to destroy layer 3 interface <*interface*> vlan <*vlanid*>, error: <*err*>

Category	Layer 3 Interface
Severity	Error
Description	logs errors while destroying vlan for layer 3 interfaces.

Event ID: 1706

Message	Failed to delete an l3 interface <*interface*>, error: <*err*>
Category	Layer 3 Interface
Severity	Error
Description	logs errors while destroying layer 3 interface.

Event ID: 1707

Message	Failed to add L3 host entry for ip <*ipaddr*>, error: <*err*>' throttle_count: 1
Category	Layer 3 Interface
Severity	Error
Description	logs errors while adding l3 hosts.

Event ID: 1708

Message	Added L3 host entry for ip <*ipaddr*>
Category	Layer 3 Interface
Severity	Info
Description	logs while adding l3 hosts.

Event ID: 1709

Message	Failed to delete L3 host entry for ip <*ipaddr*>, error: <*err*>
Category	Layer 3 Interface
Severity	Error
Description	logs errors while deleting l3 hosts.

Event ID: 1710

Message	Deleted L3 host entry for ip <*ipaddr*>
Category	Layer 3 Interface

Severity	Info
Description	logs while deleting l3 hosts.

Event ID: 1711

Message	Failed to get L3 host hit for ip <*ipaddr*>
Category	Layer 3 Interface
Severity	Error
Description	logs errors to get L3 host hit for a specific ip.

Event ID: 1712

Message	L3 interface error: <*err*>
Category	Layer 3 Interface
Severity	Error
Description	logs for L3 setup errors.

Event ID: 1713

Message	Added Nexthop <*nexthop*>, egress_id <*egress_id*>, for route <*prefix*>
Category	Layer 3 Interface
Severity	Info
Description	logs for nexthop addition.

Event ID: 1714

Message	Delete Nexthop <*nexthop*> for route <*prefix*>
Category	Layer 3 Interface
Severity	Info
Description	logs for nexthop deletion.

Event ID: 1715

Message	Added route <*prefix*>
Category	Layer 3 Interface
Severity	Info
Description	logs for route addition.

Event ID: 1716

Message	Update: route state: <*state*>
Category	Layer 3 Interface
Severity	Info
Description	logs for route update.

Event ID: 1717

Message	Delete route <*prefix*>
Category	Layer 3 Interface
Severity	Info
Description	logs for route deletion.

Event ID: 1718

Message	Delete route <*prefix*>, error: <*err*>
Category	Layer 3 Interface
Severity	Error
Description	logs error for route deletion.

Event ID: 1719

Message	Add route <*prefix*>, error: <*err*>' throttle_count: 1
Category	Layer 3 Interface
Severity	Error
Description	logs error for route aditiontion.

Event ID: 1720

Message	Error creating egress object for port <*port*>, error: <*err*>
Category	Layer 3 Interface
Severity	Error
Description	logs errors for egress object creation.

Event ID: 1721

Message	Created L3 egress ID <*egress_id*> for port <*port*> intf <*intf*>

Category	Layer 3 Interface
Severity	Info
Description	logs for egress object creation.

Event ID: 1722

Message	Error deleting egress object for port <*port*>, error: <*err*>
Category	Layer 3 Interface
Severity	Error
Description	logs errors for egress object deletion.

Event ID: 1723

Message	Deleted L3 egress ID <*egress_id*> for port <*port*>
Category	Layer 3 Interface
Severity	Info
Description	logs for egress object deletion.

Event ID: 1724

Message	Interface <*interface*>, configured with ipv4 address <*value*>
Category	Layer 3 Interface
Severity	Info
Description	logs for ipv4 address update on interface.

Event ID: 1725

Message	Interface <*interface*>, configured with ipv6 address <*value*>
Category	Layer 3 Interface
Severity	Info
Description	logs for ipv6 address update on interface.

Event ID: 1726

Message	Interface <*interface*>, ipv4 address deleted <*value*>
Category	Layer 3 Interface

Severity	Info
Description	logs for ipv4 address delete from interface.

Event ID: 1727

Message	Interface <*interface*>, ipv6 address deleted <*value*>
Category	Layer 3 Interface
Severity	Info
Description	logs for ipv6 address delete from interface.

Event ID: 1728

Message	IPv6 Address Status: Interface <*intf*>, address <*addr*>, status <*addr_status*>
Category	Layer 3 Interface
Severity	Info
Description	Event raised when ipv6 address status changes

Event ID: 1729

Message	Interface <*interface*>, configured with secondary ipv4 address <*value*>
Category	Layer 3 Interface
Severity	Info
Description	logs for secondary ipv4 address update on interface.

Event ID: 1730

Message	Interface <*interface*>, secondary ipv4 address deleted <*value*>
Category	Layer 3 Interface
Severity	Info
Description	logs for secondary ipv4 address delete from interface.

Event ID: 1731

Message	IP MTU <*mtu*> not applied due to hardware resource limitation
Category	Layer 3 Interface
Severity	Error
Description	Logs failure while configuring hardware for IPMTU.

Event ID: 1732

Message	IPv6 address {value} is not applied on interface {interface}, as only one global ipv6 address will be in effect.
Category	Layer 3 Interface
Severity	Error
Description	Logs failure while configuring more than one global ipv6 address on an interface.

Event ID: 15804

Message	Interface {ifname}, configured with ipv4 unnumbered address {ip-address}, lender interface {lender_port_name}
Category	Layer 3 Interface
Severity	Info
Description	logs for ipv4 unnumbered address update on interface.

Event ID: 15805

Message	ipv4 unnumbered address {ip-address} deleted from interface {ifname}, lender interface {lender_port_name}
Category	Layer 3 Interface
Severity	Info
Description	logs for ipv4 unnumbered address delete from interface.

Chapter 70
LED events

The following are the events related to LED.

Event ID: 501

Message	There are <*count*> LED types in subsystem <*subsystem*>
Category	LED
Severity	Information
Description	Log about number of LED types in subsystem

Event ID: 502

Message	There are <*count*> LED configs in subsystem <*subsystem*>
Category	LED
Severity	Information
Description	Log about number of LED config in subsystem

Chapter 71
LLDP events

The following are the events related to LLDP.

Event ID: 101

Message	LLDP Enabled
Category	LLDP
Severity	Information
Description	Logs event when LLDP (Link Layer Discovery Protocol) feature is enabled in the switch.

Event ID: 102

Message	LLDP Disabled
Category	LLDP
Severity	Information
Description	Logs event when LLDP (Link Layer Discovery Protocol) feature is disabled in the switch.

Event ID: 103

Message	Configured LLDP tx-timer to <*value*>
Category	LLDP
Severity	Information
Description	Logs event when the LLDP status update interval is configured by the user.

Event ID: 104

Message	LLDP neighbor <*chassisid*> added on <*interface*>
Category	LLDP
Severity	Information
Description	Logs event when a new neighbor entry is added to the switch.

Event ID: 105

Message	LLDP neighbor <*chassisid*> updated on <*interface*>' throttle_count: 100
Category	LLDP
Severity	Information
Description	Logs event when an existing neighbor entry is updated in the switch.

Event ID: 106

Message	LLDP neighbor <*chassisid*> deleted on <*interface*>
Category	LLDP
Severity	Information
Description	Logs event when an existing neighbor entry is deleted from switch.

Event ID: 107

Message	Configured LLDP Management IP <*value*>
Category	LLDP
Severity	Information
Description	Logs event when a new management IP address is configured by the user.

Event ID: 108

Message	Configured LLDP tx-hold to <*hold*>
Category	LLDP
Severity	Information
Description	Logs event when LLDP transmit multiplier value is configured by the user.

Event ID: 109

Message	Configured LLDP tx-delay to <*value*>
Category	LLDP
Severity	Information
Description	Logs event when LLDP transmit delay value is configured by the user.

Event ID: 110

Message	Configured LLDP reinit-delay to <*value*>

Category	LLDP
Severity	Information
Description	Logs event when LLDP interface reinitialization value is configured by the user.

Event ID: 111

Message	LLDP statistics cleared
Category	LLDP
Severity	Information
Description	Logs event when LLDP statistics are cleared from the switch.

Event ID: 112

Message	LLDP neighbor info cleared
Category	LLDP
Severity	Information
Description	Logs event when LLDP neighbor information is cleared from the switch.

Event ID: 113

Message	PVID mismatch on <*interface*> pvid = <*pvid*>, Neighbor <*chassisid*> port_id = <*ninterface*> pvid = <*npvid*>
Category	LLDP
Severity	Information
Description	Log event when the PVID mismatches between the switch and neighbor over an interface.

Chapter 72
Loop Protect events

The following are the events related to loop protect.

Event ID: 2801

Message	Port <*portName*> is disabled by Loop-protection after loop detection on VLAN <*vlan*>
Category	Loop Protect
Severity	Warning
Description	Logs port disabled by Loop protect

Event ID: 2802

Message	Ports TX <*txportName*> and RX <*rxportName*> are disabled by Loop-protect after loop detection on VLAN <*vlan*>
Category	Loop Protect
Severity	Warning
Description	Logs port disabled by Loop protect

Event ID: 2803

Message	Loop detected on port <*portName*> on VLAN <*vlan*>
Category	Loop Protect
Severity	Warning
Description	Logs port which receives PDU of its own

Event ID: 2804

Message	Port <*portName*> enabled after disable time expired
Category	Loop Protect
Severity	Info
Description	Logs port enabled after disabled time expired

Event ID: 2805

Message	Port <*portName*> added for loop-protection
Category	Loop Protect
Severity	Info
Description	Logs port added

Event ID: 2806

Message	Port <*portName*> deleted from loop-protection
Category	Loop Protect
Severity	Info
Description	Logs port deleted

Event ID: 2807

Message	Loop-Protection stats cleared for port <*portName*>
Category	Loop Protect
Severity	Info
Description	Loop-Protection stats cleared for port

Event ID: 2808

Message	Ports TX <*txportName*> and RX <*rxportName*> are involved during TX port disabling
Category	Loop Protect
Severity	Info
Description	Logs TX and RX ports after TX disabled by Loop protect

Event ID: 2809

Message	Port {portName} is disabled by Loop-protection after loop detection on VLAN {vlan}
Category	Loop Protect
Severity	Warning
Description	Logs port disabled by Loop protect

Event ID: 2810

Message	Ports TX {txportName} and RX {rxportName} are involved during RX port disabling

Category	Loop Protect
Severity	Info
Description	Logs TX and RX ports after RX disabled by Loop protect

Event ID: 2811

Message	Max vport limit {vportLimit} reached. Current vport {currvportCount}
Category	Loop Protect
Severity	Info
Description	Logs max vport limit reached and Current vport count.

Chapter 73
Loopback events

The following are the events related to loopback.

Event ID: 901

Message	Loopback Interface <*interface*>, created
Category	Loopback
Severity	Information
Description	Log when loopback interface is created

Event ID: 902

Message	Loopback Interface <*interface*>, deleted
Category	Loopback
Severity	Information
Description	Log when loopback interface is deleted

Event ID: 903

Message	Loopback Interface <*interface*>, configured administratively <*state*>
Category	Loopback
Severity	Information
Description	Log about loopback interface admin state

Chapter 74
MAC address management events

The following are the events related to MAC address management.

Event ID: 4801

Message	MAC <*mac*> moved from port <*from-intf*> to port <*to-intf*> on VLAN <*vlan*>
Category	MAC address management
Severity	Info
Description	Event raised when L2 mac move

Event ID: 4802

Message	All dynamic MAC addresses on VLAN <*vlan*> were flushed
Category	MAC address management
Severity	Info
Description	Event raised when L2 MAC table is flushed with vlan delete event or clear mac-address command from vtysh

Event ID: 4803

Message	All dynamic MAC addresses on port <*intf*> were flushed
Category	MAC address management
Severity	Info
Description	Event raised when L2 MAC table is flushed with port move to L3 event or clear mac-address command from vtysh

Event ID: 4804

Message	All dynamic MAC addresses on port <*intf*> were flushed
Category	MAC address management
Severity	Info
Description	Event raised when L2 MAC table is flushed with port down event or clear mac-address command from vtysh

Event ID: 4805

Message	All dynamic MAC addresses on VLAN <*vlan*> were flushed
Category	MAC address management
Severity	Info
Description	Event raised when L2 MAC table is flushed with vlan down event or clear mac-address command from vtysh

Event ID: 4806

Message	L2X thread not running. Attempting to recover
Category	MAC address management
Severity	Warning
Description	Event raised when BCM L2X thread is identified as not running

Event ID: 4807

Message	L2X thread recovered
Category	MAC address management
Severity	Warning
Description	Event raised when BCM L2X thread is successfully recovered

Event ID: 4808

Message	L2X thread recovery failed
Category	MAC address management
Severity	Error
Description	Event raised when BCM L2X thread is failed to be recovered

Event ID: 4809

Message	MAC hash collision occurred for MAC {mac} on VLAN {vlan}
Category	MAC address management
Severity	Error
Description	Logs warning that MAC hit a hash collision in SDK.

Event ID: 4810

Message	MAC-lockout automatically disabled because active-gateway extended-mac was enabled

Category	MAC address management
Severity	Warning
Description	Event raised when mac-lockout feature is disabled due to active-gateway extended-mac feature being enabled.

Event ID: 4811

Message	MAC-lockout is automatically enabled
Category	MAC address management
Severity	Info
Description	Event raised when mac-lockout feature is enabled,

Chapter 75
MAC Address mode configuration events

The following are the events related to MAC Address mode configuration.

Event ID: 11001

Message	The MAC Address configured mode changed from <*old_mode*> to <*new_mode*>
Category	MAC Address mode configuration
Severity	Information
Description	Log event when the MAC Address configured mode is changed

Event ID: 11002

Message	The MAC Address operational mode changed from <*old_mode*> to <*new_mode*>
Category	MAC Address mode configuration
Severity	Information
Description	Log event when the MAC Address operational mode is changed

Event ID: 11003

Message	Station MAC add failure due to hardware full, mac=<*mac*> vlan=<*vlan*>
Category	MAC Address mode configuration
Severity	Error
Description	Log event when a local station MAC address cannot be added because the table is full

Event ID: 11004

Message	The MAC Address operational mode changed from <*old_mode*> to <*new_mode*> due to reaching SVI threshold. Current=<*current*> Max=<*max*>
Category	MAC Address mode configuration
Severity	Error
Description	Log event when the MAC Address operational mode is changed due to out of resources

Event ID: 11005

Message	Router mac={mac} add failed on vlan={vlan}. Reason={reason}, mode={mode}.
Category	MAC Address mode configuration
Severity	Error
Description	Log event when a router MAC address addition failed.

Chapter 76
MAC Learning events

The following are the events related to MAC learning.

Event ID: 4801

Message	MAC <*mac*> moved from port <*from-intf*> to port <*to-intf*> on VLAN <*vlan*>
Category	MAC Learning
Severity	Information
Description	Event raised when L2 mac move

Event ID: 4802

Message	All dynamic MAC addresses on VLAN <*vlan*> were flushed
Category	MAC Learning
Severity	Information
Description	Event raised when L2 MAC table is flushed with vlan delete event or clear mac-address command from vtysh

Event ID: 4803

Message	All dynamic MAC addresses on port <*intf*> were flushed
Category	MAC Learning
Severity	Information
Description	Event raised when L2 MAC table is flushed with port move to L3 event or clear mac-address command from vtysh

Event ID: 4804

Message	All dynamic MAC addresses on port <*intf*> were flushed
Category	MAC Learning
Severity	Information
Description	Event raised when L2 MAC table is flushed with port down event or clear mac-address command from vtysh

Event ID: 4805

Message	All dynamic MAC addresses on VLAN <*vlan*> were flushed
Category	MAC Learning
Severity	Information
Description	Event raised when L2 MAC table is flushed with vlan down event or clear mac-address command from vtysh

Chapter 77
MACsec events

The following are the events related to MACsec.

Event ID: 11201

Message	MACsec session established on Rx Secure Channel <*sci*> on interface <*ifname*>.
Category	MACsec
Severity	Info
Description	A MACsec session established on an interface.

Event ID: 11202

Message	MKA session secured for Connectivity Association <*ckn*> on interface <*ifname*>.
Category	MACsec
Severity	Info
Description	A Connectivity Association was successfully established on an interface.

Event ID: 11203

Message	Secure Association key updated for Connectivity Association <*ckn*> on interface <*ifname*> - Latest AN/KN <*latest_an*>/<*latest_kn*>, Old AN/KN <*old_an*>/<*old_kn*>.
Category	MACsec
Severity	Info
Description	A new Secure Association key created for a Connectivity Association.

Event ID: 11204

Message	Possible replay attempt detected on the Secure Channel <*sci*>.
Category	MACsec
Severity	Info
Description	A possible replay attempt detected on a Secure Channel.

Event ID: 11205

Message	The data traffic on interface <*ifname*> is now secured by MACsec.
Category	MACsec
Severity	Info
Description	The data plane traffic on an interface is secured by MACsec.

Event ID: 11206

Message	The data traffic on interface <*ifname*> is no longer secured by MACsec.
Category	MACsec
Severity	Info
Description	The data plane traffic on an interface is not secured by MACsec anymore.

Event ID: 11207

Message	Interface {ifname} MACsec selftest failed - {reason}.
Category	MACsec
Severity	Error
Description	MACsec selftest failed for the specified interface.

Event ID: 11208

Message	MACsec frame with an unknown SCI detected on MACsec entity running on interface {ifname} with port ID {id}
Category	MACsec
Severity	Info
Description	Detected a MACsec frame with unknown SCI on an interface with the specified port ID.

Event ID: 11209

Message	Suspending data delay protection for Connectivity Association {ckn} on interface {ifname} during ISSU.
Category	MACsec
Severity	Info
Description	Data delay protection is suspended for the specified CKN on interface during ISSU.

Event ID: 11210

Message	Resuming data delay protection for Connectivity Association {ckn} on interface {ifname} post ISSU.
Category	MACsec
Severity	Info
Description	Data delay protection is resumed for the given CKN post ISSU.

Event ID: 11211

Message	ISSU aborted by MACsec. Reason - {reason}.
Category	MACsec
Severity	Info
Description	ISSU aborted by MACsec.

Event ID: 11212

Message	Interface {ifname} blocked by MACsec due to a misconfiguration. Reason - {reason}.
Category	MACsec
Severity	Error
Description	MACsec daemon blocked an interface due to a configuration error.

Event ID: 11213

Message	MACsec is disabled on port {name}. Additional licenses are needed to enable the {feature} functionality on the port.
Category	MACsec
Severity	Error
Description	The port will remain blocked for both ingress and egress traffic till a valid license is not installed.

Event ID: 11214

Message	MACsec is operational on port {name} without a valid license for {feature}.
Category	MACsec
Severity	Info
Description	MACsec is operational on the port in honor mode.

Chapter 78
Management events

The following are the events related to management.

Event ID: 4301

Message	MGMT_INTF: <*mgmt_intf_config_param*>
Category	Management
Severity	Info
Description	Logs related to management interface configurations

Event ID: 4302

Message	MGMT_INTF: <*mgmt_intf_config_err*>
Category	Management
Severity	Error
Description	Logs related to management interface configurations error

Event ID: 4303

Message	MGMT_INTF: <*mgmt_intf_config_crit*>
Category	Management
Severity	Critical
Description	Logs related to management interface critical configurations

Event ID: 4304

Message	MGMT_INTF: <*mgmt_intf_config_crit*>
Category	Management
Severity	Critical
Description	Logs related to management interface critical configurations

Event ID: 4305

Message	MGMT_INTF: Stopped dhcp v4 client on interface {intf}
Category	MGMT
Severity	Info
Description	Log event when DHCPv4 client is stopped on management interface

Event ID: 4306

Message	MGMT_INTF: Started dhcp v6 client on interface {intf}
Category	MGMT
Severity	Info
Description	Log event when DHCPv6 client is started on management interface

Event ID: 4307

Message	MGMT_INTF: Stopped dhcp v6 client on interface {intf}
Category	MGMT
Severity	Info
Description	Log event when DHCPv6 client is stopped on management interface

Event ID: 4308

Message	MGMT_INTF: Starting the dhcp client due to link up (or) new link
Category	MGMT
Severity	Info
Description	Log event when management interface link is UP or new link is added

Event ID: 4309

Message	MGMT_INTF: Clearing the dhcp configuration due to link down (or) link remove
Category	MGMT
Severity	Info
Description	Log event when dhcp configurations are cleared on management interface when link goes DOWN or link is removed

Event ID: 4310

Message	MGMT_INTF: Configuring {ip_address} address on management interface failed due to DAD failure

Category	MGMT
Severity	Info
Description	Log event when configuring ip address on management interface failed due to DAD failure

Event ID: 4311

Message	MGMT_INTF: {mgmt_intf_config_param_dhcp}
Category	MGMT
Severity	Info
Description	Logs related to management interface configurations learnt via DHCP

Chapter 79
MDNS events

The following are the events related to MDNS.

Event ID: 11401

Message	mDNS-SD enabled
Category	MDNS
Severity	Information
Description	Logs event when mDNS-SD feature is enabled in the switch.

Event ID: 11402

Message	mDNS-SD disabled
Category	MDNS
Severity	Information
Description	Logs event when mDNS-SD feature is disabled in the switch.

Chapter 80
MGMD events

The following are the events related to MGMD.

Event ID: 2601

Message	Failed to alloc a <*pkt_type*> pkt(interface <*vlan*>)
Category	MGMD
Severity	Error
Description	This log event informs packet allocation failed in MGMD subsystem.

Event ID: 2602

Message	Received IGMPv1 query from <*ip_address*> when the device is configured for IGMPv2.
Category	MGMD
Severity	Info
Description	This log event used to log IGMP warning when IGMPv1 query is received.

Event ID: 2603

Message	Unable to alloc a buf of size <*size_value*> for <*sub_system*>
Category	MGMD
Severity	Error
Description	This log event informs the user that MGMD could not allocate memory.

Event ID: 2604

Message	Interface <*if_name*>: Other Querier detected for <*mgmd_type*>
Category	MGMD
Severity	Info
Description	This log event informs the user that IGMP/MLD detected other querier.

Event ID: 2605

Message	<*mgmd_type*> Querier Election in progress for interface <*if_name*> with IP address <*ip_address*>
Category	MGMD
Severity	Info
Description	This log event informs the user that IGMP/MLD has started querier election on interface.

Event ID: 2606

Message	Interface <*if_name*>: End <*mgmd_type*> Querier role
Category	MGMD
Severity	Info
Description	This log event informs the user that IGMP/MLD ended querier role on interface.

Event ID: 2607

Message	Interface <*if_name*>: Start <*mgmd_type*> Querier role addr: <*ip_address*>
Category	MGMD
Severity	Info
Description	This log event informs the user that MGMD started querier role on interface.

Event ID: 2608

Message	Received packet from <*ip_address*>, type <*type*>, on invalid port <*port*>
Category	MGMD
Severity	Warning
Description	This log event informs the user that MGMD received packet on invalid port.

Event ID: 2609

Message	Received IGMPv1 query from <*ip_address*> when the device is configured for IGMPv3.' throttle_count: 1
Category	MGMD
Severity	Info
Description	This log event used to log IGMP warning when configured mode is IGMPv3 and IGMPv1 query is received.

Event ID: 2610

Message	Received IGMPv2 query from <*ip_address*> when the device is configured for IGMPv3.' throttle_count: 1
Category	MGMD
Severity	Info
Description	This log event used to log IGMP warning when configured mode is IGMPv3 and IGMPv2 query is received.

Event ID: 2611

Message	<*mgmd_type*> snooping is <*status*> on VLAN <*vlan*>
Category	MGMD
Severity	Info
Description	This log event informs the user that IGMP/MLD status on VLAN.

Event ID: 2612

Message	<*mgmd_type*> is <*status*> on Interface <*if_name*>
Category	MGMD
Severity	Info
Description	This log event informs the user the IGMP/MLD status on the Interface.

Event ID: 2613

Message	Port <*port*> on vlan <*vlan*> is set to <*status*> mode for <*mgmd_type*>.
Category	MGMD
Severity	Info
Description	This log event informs the user that the port mode has changed.

Event ID: 2614

Message	<*mgmd_type*> is not operational on VLAN <*vlan*> due to resource unavailability
Category	MGMD
Severity	Error
Description	This log event informs the user that the IGMP/MLD is disabled on a VLAN due to internal errors.

Event ID: 2615

Message	<*mgmd_type*> is not operational on interface <*l3Port*> due to resource unavailability
Category	MGMD
Severity	Error
Description	This log event informs the user that the IGMP/MLD is disabled on a L3 interface due to internal errors.

Event ID: 2616

Message	IGMP/MLD Resource utilization has exceeded the supported limits on the system. Membership reports for the new groups will be dropped.
Category	MGMD
Severity	Info
Description	This log event informs the user that MGMD resource utilization has exceeded the supported limits

Event ID: 2617

Message	IGMP/MLD Resource utilization has reached 90 percent of the supported limits on the system.
Category	MGMD
Severity	Info
Description	This log event informs the user that MGMD resource utilization has reached 90 percent of the supported limits

Event ID: 2618

Message	<*mgmd_type*> snooping is <*status*> on VLAN <*vlan*>.
Category	MGMD
Severity	Info
Description	This log event informs the user that whether IGMP/MLD snooping is operational.

Event ID: 2619

Message	Received IGMPv3 query from <*ip_address*> when the device is configured for IGMPv2.' throttle_count: 1
Category	MGMD
Severity	Info
Description	This log event used to log IGMP warning when IGMPv2 query is received.

Event ID: 2620

Message	Received MLDV1 query from <*ip_address*> when the device is configured for MLDV2.' throttle_count: 1
Category	MGMD
Severity	Info
Description	This log event used to log MLD warning when configured mode is MLDV2 and MLDV1 query is received.

Event ID: 2621

Message	Received MLDV2 query from <*ip_address*> when the device is configured for MLDV1.' throttle_count: 1
Category	MGMD
Severity	Info
Description	This log event used to log MLD warning when configured mode is MLDv2 and MLDv1 query is received.

Event ID: 2622

Message	Flood mode is temporarily activated on ERPS ports <*port0*> and <*port1*> as ring state for ring id <*ring_id*> changed to <*state*>.
Category	MGMD
Severity	Info
Description	This log event used to log if ERPS Ring state changed to idle or protection.

Event ID: 2623

Message	Remote IDL connection established.
Category	MGMD
Severity	Info
Description	This log event is used to indicate remote IDL connection is established

Event ID: 2624

Message	Querier functionality offloaded to VSX peer.
Category	MGMD
Severity	Info
Description	This log event is used to indicate that querier is offloaded.

Event ID: 2625

Message	IGMPv2 packet received for group address {ip_address} in SSM range which is not part of SSM map.
Category	MGMD
Severity	Info
Description	This log event is used to identify IGMPv2 packet in ssm-range but not in ssm-map.

Event ID: 2626

Message	MLDv1 packet received for group address {ip_address} in SSM range which is not part of SSM map.
Category	MGMD
Severity	Info
Description	This log event is used to identify MLDv1 packet in ssm-range but not in ssm-map.

Event ID: 2627

Message	SSM-map {acl_name} applied to {protocol} interface {port_name}
Category	MGMD
Severity	Info
Description	This log event is used to identify that ssm-map ACL is applied to particular interface.

Event ID: 2628

Message	IGMP/MLD internal queue limit exceeded. Needs admin intervention.
Category	MGMD
Severity	Alert
Description	This log event is used to intimate the user that IGMP/MLD control packet queue is full.

Chapter 81
Mirroring events

The following are the events related to mirroring.

Event ID: 6701

Message	Failed to create mirror session <*number*>
Category	Mirroring
Severity	Error
Description	Logs a message when the creation of a mirror session fails

Event ID: 6702

Message	Mirror session <*number*> created
Category	Mirroring
Severity	Information
Description	Logs a message when the creation of a mirror session succeeds

Event ID: 6703

Message	Failed to delete mirror session <*number*>
Category	Mirroring
Severity	Error
Description	Logs a message when the deletion of a mirror session fails

Event ID: 6704

Message	Mirror session <*number*> deleted
Category	Mirroring
Severity	Information
Description	Logs a message when mirror session is successfully deleted

Event ID: 6705

Message	Failed to update mirror session <*number*>
Category	Mirroring
Severity	Error
Description	Logs a message when an update of a mirror session fails

Event ID: 6706

Message	Mirror session <*number*> updated
Category	Mirroring
Severity	Information
Description	Logs a message when the update of a mirror session succeeds

Mirror-on-drop events

The following are the events related to the mirror-on-drop feature.

Event ID: 16301

Message	HONOR_MODE: Mirror On Drop is operating without a valid feature pack.
Category	Mirror on drop
Severity	Info
Description	Log event to indicate that the Mirror On Drop feature is operating without a valid feature pack.

Event ID: 16302

Message	STRICT_MODE: Mirror On Drop is blocked due to invalid or missing feature pack.
Category	Mirror on drop
Severity	Info
Description	Log event to indicate that the Mirror On Drop feature is blocked due to invalid or missing feature pack

Event ID: 16303

Message	ACTIVE_MODE: Mirror On Drop is operating with valid feature pack.
Category	Mirror on drop
Severity	Info
Description	Log event to indicate that the Mirror On Drop feature is operational for valid feature pack

Chapter 82
Module events

The following are the events related to modules.

Event ID: 3201

Message	<*type*> module <*name*> inserted': yes
Category	Module
Severity	Info
Description	Indicates that the module has been physically inserted

Event ID: 3202

Message	<*type*> module <*name*> removed': yes
Category	Module
Severity	Warning
Description	Indicates that the module has been physically removed

Event ID: 3203

Message	Initiating <*type*> module <*name*> reboot': yes
Category	Module
Severity	Info
Description	Indicates that the module is about to reboot

Event ID: 3204

Message	<*type*> module <*name*> is ready
Category	Module
Severity	Info
Description	Indicates that the module is initialized and ready

Event ID: 3205

Message	<*type*> module <*name*> is down: <*reason*>

Category	Module
Severity	Info
Description	Indicates that the module is down

Event ID: 3206

Message	<*type*> module <*name*> is in diagnostics mode
Category	Module
Severity	Info
Description	Indicates that a module is in diagnostics mode

Event ID: 3207

Message	<*type*> module <*name*> has failed: <*reason*>': yes
Category	Module
Severity	Error
Description	Indicates that a module has failed

Event ID: 3208

Message	<*type*> module <*name*> admin state set to up
Category	Module
Severity	Info
Description	Indicates that the module administrative state is set to up

Event ID: 3209

Message	<*type*> module <*name*> admin state set to down
Category	Module
Severity	Info
Description	Indicates that the module administrative state is set to down

Event ID: 3210

Message	<*type*> module <*name*> admin state set to diagnostics
Category	Module

Severity	Info
Description	Indicates that the module administrative state is set to diagnostics

Event ID: 3211

Message	<*type*> module <*name*> ISP passed
Category	Module
Severity	Info
Description	Indicates that ISP has passed for the module

Event ID: 3212

Message	<*type*> module <*name*> ISP failed': yes
Category	Module
Severity	Error
Description	Indicates that ISP has failed for the module

Event ID: 3213

Message	<*type*> module <*name*> ISP skipped
Category	Module
Severity	Warning
Description	Indicates that ISP has been skipped for the module

Event ID: 3214

Message	<*type*> module <*name*> has enabled standby power
Category	Module
Severity	Info
Description	Indicates that the module is in standby (low-power) mode

Event ID: 3215

Message	<*type*> module <*name*> is requesting to power on with priority <*priority*>
Category	Module
Severity	Info
Description	Indicates that the module is requesting to power on

Event ID: 3216

Message	<*type*> module <*name*> power request has been granted
Category	Module
Severity	Info
Description	Indicates that the power request for the module has been granted

Event ID: 3217

Message	<*type*> module <*name*> power request has been denied
Category	Module
Severity	Warning
Description	Indicates that the power request for the module has been denied

Event ID: 3218

Message	<*type*> module <*name*> enabling main power
Category	Module
Severity	Info
Description	Indicates that main power for the module is being enabled

Event ID: 3219

Message	<*type*> module <*name*> main power enabled
Category	Module
Severity	Info
Description	Indicates that main power for the module has been enabled

Event ID: 3220

Message	<*type*> module <*name*> main power failed': yes
Category	Module
Severity	Error
Description	Indicates that main power for the module has failed

Event ID: 3221

Message	<*type*> module <*name*> device initialization started

Category	Module
Severity	Info
Description	Indicates that device initialization for the module has started

Event ID: 3222

Message	<*type*> module <*name*> device initialization passed
Category	Module
Severity	Info
Description	Indicates that device initialization for the module has passed

Event ID: 3223

Message	<*type*> module <*name*> device initialization failed: <*reason*>': yes
Category	Module
Severity	Error
Description	Indicates that device initialization for the module has failed

Event ID: 3224

Message	<*type*> module <*name*> ASIC initialization started
Category	Module
Severity	Info
Description	Indicates that an ASIC for the module is being initialized

Event ID: 3225

Message	<*type*> module <*name*> ASIC initialization completed
Category	Module
Severity	Info
Description	Indicates that ASIC initialization for the module has completed

Event ID: 3226

Message	<*type*> module <*name*> ASIC initialization failed: <*reason*>': yes
Category	Module

Severity	Error
Description	Indicates that ASIC initialization for the module has failed

Event ID: 3227

Message	<*type*> module <*name*> ASIC deinitialization started
Category	Module
Severity	Info
Description	Indicates that an ASIC for the module is being deinitialized

Event ID: 3228

Message	<*type*> module <*name*> ASIC deinitialization completed
Category	Module
Severity	Info
Description	Indicates that ASIC deinitialization for the module has completed

Event ID: 3229

Message	<*type*> module <*name*> ASIC denitialization failed: <*reason*>': yes
Category	Module
Severity	Error
Description	Indicates that ASIC deinitialization for the module has failed

Event ID: 3230

Message	<*name*> is starting zeroization': yes
Category	Module
Severity	Info
Description	Indicates that the module is about to start zeroization

Event ID: 3231

Message	<*name*> zeroization completed.
Category	Module
Severity	Info
Description	Indicates that the module zeroization has completed

Event ID: 3232

Message	<*name*> zeroization failed.': yes
Category	Module
Severity	Error
Description	Indicates that the module zeroization failed to complete

Event ID: 3233

Message	<*type*> module <*name*> configured with product number <*part_number*>
Category	Module
Severity	Info
Description	Indicates that the module has been configured

Event ID: 3234

Message	<*type*> module <*name*> has been unconfigured
Category	Module
Severity	Info
Description	Indicates that the module has been unconfigured

Event ID: 3235

Message	<*type*> module <*name*> initiating failover
Category	Module
Severity	Info
Description	Indicates that the module has started failover

Event ID: 3236

Message	<*type*> module <*name*> failover completed
Category	Module
Severity	Info
Description	Indicates that the module has completed failover

Event ID: 3237

Message	<*type*> module <*name*> initiating ISP

Category	Module
Severity	Info
Description	Indicates that ISP has started for the module

Event ID: 3238

Message	<*type*> module <*name*> enabling front-end power
Category	Module
Severity	Info
Description	Indicates that front-end power is being enabled

Event ID: 3239

Message	<*type*> module <*name*> disabling front-end power: <*reason*>
Category	Module
Severity	Warning
Description	Indicates that front-end power is being disabled

Event ID: 3240

Message	<*type*> module <*name*> has persistent hardware error
Category	Module
Severity	Error
Description	Indicates that persistent hardware error has occurred

Event ID: 3241

Message	{name} is starting zeroization and setting enhanced secure mode
Category	Module
Severity	Info
Description	Indicates that the module is about to start zeroization and setting enhanced secure mode

Event ID: 3242

Message	{name} zeroization completed and enhanced secure mode set.
Category	Module

Severity	Info
Description	Indicates that the module zeroization has completed and enhanced secure mode s

Event ID: 3243

Message	{name} zeroization failed.
Category	Module
Severity	Info
Description	Indicates that the module zeroization failed to complete

Event ID: 3244

Message	{name} Front-panel factory-reset is now {status}
Category	Module
Severity	Info
Description	Indicates that the module front-panel factory-reset configuration has been changed.

Event ID: 3245

Message	{name} Front-panel factory-reset is NOT supported with current system recipe.
Category	Module
Severity	Info
Description	Indicates that the module does not support front-panel factory-reset with current system recipe.

Event ID: 3246

Message	Config compatability allowed between modules {old_part} and {new_part}
Category	Module
Severity	Info
Description	Indicates that config was kept between part number changes

Chapter 83
MPLS events

The following are the events related to MPLS.

Event ID: 13301

Message	MPLS LDP session with local identifier <*local_ldp_id*> and peer identifier <*peer_ldp_id*> has come up.
Category	MPLS
Severity	Info
Description	Logs a message when an LDP neighbor comes up

Event ID: 13302

Message	MPLS LDP session with local identifier <*local_ldp_id*> and peer identifier <*peer_ldp_id*> has gone down.
Category	MPLS
Severity	Info
Description	Logs a message when an LDP neighbor goes down

Event ID: 13303

Message	MPLS Graceful Restart process started
Category	MPLS
Severity	Info
Description	Logs the start of MPLS Graceful Restart.

Event ID: 13304

Message	MPLS Graceful Restart process is complete
Category	MPLS
Severity	Error
Description	Logs the end of MPLS Graceful Restart.

Chapter 84
MSDP events

The following are the events related to MSDP.

Event ID: 8601

Message	Router MSDP is <*status*> on VRF <*vrf_name*>
Category	MSDP
Severity	Info
Description	Router msdp configuration status

Event ID: 8602

Message	Forwarding state of interface <*if_name*> has been changed to <*state*>
Category	MSDP
Severity	Info
Description	MSDP Source Interface operational status

Event ID: 8603

Message	MSDP Peer <*peer_ip*>(<*tcp_entity*>) with connection source <*if_name*> has entered <*state*> state
Category	MSDP
Severity	Info
Description	Logs the changes in MSDP Peer connection state.

Event ID: 8604

Message	Port <*port*> is <*status*> to MSDP Peer <*peer_ip*>
Category	MSDP
Severity	Info
Description	Log event when port is added or deleted for a peer.

Event ID: 8606

Message	{status} peer {peer_ip} on VRF {vrf_name} with connect source {if_name}
Category	MSDP
Severity	Info
Description	Log event when peer is enabled or disabled

Event ID: 8607

Message	Start <*tcp_entity*> role for MSDP peer <*peer_ip*>
Category	MSDP
Severity	Info
Description	Log event when client or server is elected

Event ID: 8608

Message	Finish packet was received on MSDP Peer <*peer_ip*>
Category	MSDP
Severity	Info
Description	Log event when TCP final packet is received.

Event ID: 8609

Message	Failed to add SA Cache entry: S=<*src_ip*>, G=<*grp_ip*>, R=<*rp_ip*> for Peer <*peer_ip*> as MSDP SA Cache Limit is reached
Category	MSDP
Severity	Warning
Description	Log event when MSDP SA cache limit is reached.

Event ID: 8610

Message	Hold timer expired for MSDP peer {peer_ip} on VRF {vrf_name}
Category	MSDP
Severity	Info
Description	Log event when MSDP peer hold timer expired

Chapter 85
Message Session Relay Protocol events

The following are the events related to Message Session Relay Protocol (MSRP) .

Event ID: 15501

Message	MSRP stream {streamid} created on port {name}
Category	Message Session Relay Protocol
Severity	Info
Description	Event reported when MSRP stream is created

Event ID: 15502

Message	MSRP stream {streamid} deleted
Category	Message Session Relay Protocol
Severity	Info
Description	Event reported when MSRP stream is deleted

Event ID: 15503

Message	MSRP is active on port {port}
Category	Message Session Relay Protocol
Severity	Info
Description	Event reported when MSRP becomes active on port

Event ID: 15504

Message	MSRP is inactive on port {port} due to {status}
Category	Message Session Relay Protocol
Severity	Info
Description	Event reported when MSRP becomes inactive on port

Event ID: 15505

Message	MSRP Stream {streamid} Talker has left
Category	Message Session Relay Protocol
Severity	Info
Description	Event reported when MSRP Talker leave

Event ID: 15506

Message	MSRP Stream {streamid} Listener connected on port {name} has left
Category	Message Session Relay Protocol
Severity	Info
Description	Event reported when MSRP Listener leave

Event ID: 15507

Message	Resource allocation status for stream {streamid} on port {name} is {status}
Category	Message Session Relay Protocol
Severity	Info
Description	Event reported when resource allocation status is updated for an MSRP stream

Event ID: 15508

Message	Resource de-allocated for stream {streamid} on port {name}
Category	Message Session Relay Protocol
Severity	Info
Description	Event reported when resource de allocated for an MSRP stream

Event ID: 15509

Message	Resource allocation requested for stream {streamid} on port {name}
Category	Message Session Relay Protocol
Severity	Info
Description	Event reported when resource allocation requested for an MSRP stream

Event ID: 15510

Message	Resource de-allocation requested for stream {streamid} on port {name} due to {reason}

Category	Message Session Relay Protocol
Severity	Info
Description	Event reported when resource de alloc requested for an MSRP stream

Event ID: 15511

Message	MSRP Listener added with declaration-type {decl_type} for stream {streamid} on port {name}
Category	Message Session Relay Protocol
Severity	Info
Description	Event reported when listener gets added for an MSRP stream

Event ID: 15512

Message	MSRP Listener declaration-type changed to {decl_type} for stream {streamid} on port {name}
Category	Message Session Relay Protocol
Severity	Info
Description	Event reported when listener declaration-type changes for an MSRP stream

Chapter 86
Multicast HelperD events

The following are the events related to Multicast HelperD.

Event ID: 15901

Message	{rep_mode} vxlan replication mode is {status}
Category	Multicast HelperD
Severity	Info
Description	Event raised when vxlan replication mode is configured or applied

Event ID: 15902

Message	Underlay multicast vxlan replication flood group range is set to {flood_group_range}
Category	Multicast HelperD
Severity	Info
Description	Event raised when underlay multicast vxlan replication flood group range is set

Event ID: 15903

Message	Underlay multicast vxlan replication for vni {vni_id} flood group ip is set to {flood_group_ip} via {ip_assign_method}
Category	Multicast HelperD
Severity	Info
Description	Event raised when underlay multicast vxlan replication flood group ip is set

Event ID: 15904

Message	Underlay multicast vxlan replication tunnel {encap_type} pim_bidir state for flood group {flood_group_ip} is {state}
Category	Multicast HelperD
Severity	Info
Description	Event raised when underlay multicast vxlan replication tunnel pim bidir state changes

Event ID: 15905

Message	Underlay multicast vxlan replication tunnel {encap_type} pim_bidir underlay l3 port for flood group {flood_group_ip} is set to {ulay_l3_port}
Category	Multicast HelperD
Severity	Info
Description	Event raised when underlay multicast vxlan replication tunnel pim bidir underlay l3 port is updated

Event ID: 15906

Message	Underlay multicast vxlan replication tunnel encapsulation underlay l2 port for flood group {flood_group_ip} is set to {ulay_l2_port}
Category	Multicast HelperD
Severity	Info
Description	Event raised when underlay multicast vxlan replication tunnel underlay l2 port is updated

Event ID: 15907

Message	Underlay multicast vxlan replication tunnel {encap_type} hardware status for flood group {flood_group_ip} is {hw_status}
Category	Multicast HelperD
Severity	Info
Description	Event raised when underlay multicast vxlan replication tunnel hardware status is updated

Event ID: 15908

Message	Underlay multicast vxlan replication tunnel encapsulation isl forwarding rule for flood group {flood_group_ip} is set to {isl_rule}
Category	Multicast HelperD
Severity	Info
Description	Event raised when underlay multicast vxlan replication tunnel encap isl forwarding rule is updated

Event ID: 15909

Message	Event raised when error occurs while changing the vxlan replication mode
Category	Multicast HelperD
Severity	Error
Description	Error while changing the replication mode to {rep_mode}

Event ID: 15910

Message	Underlay-multicast flood group range given {flood_group_range} is invalid
Category	Multicast HelperD
Severity	Error
Description	Event raised when given flood group range for unerlay multicast vxlan replication mode is invalid

Event ID: 15911

Message	Underlay-multicast flood group ip {flood_group_ip} is invalid
Category	Multicast HelperD
Severity	Error
Description	Event raised when given flood group ip for unerlay multicast vxlan replication is invalid

Event ID: 15912

Message	Underlay multicast vxlan replication tunnel {encap_type} operational state for flood group {flood_group_ip} is {oper_state}
Category	Multicast HelperD
Severity	Info
Description	Event raised when underlay multicast vxlan replication tunnel operational state is updated

Event ID: 15913

Message	Resource exhausted for underlay multicast vxlan replication for override group ip {override_group_ip}
Category	Multicast HelperD
Severity	Error
Description	Event raised when resource exhausted for underlay multicast vxlan replication.

Chapter 87
Multicast Traffic Manager events

The following are the events related to Multicast Traffic Manager.

Event ID: 4001

Message	The Multicast L3 Bridge Control Forwarding entries limit was reached: <*limit*>' throttle_ count: 100
Category	Multicast Traffic Manager
Severity	Warning
Description	Event raised when the maximum number of multicast L3 Bridge Control Forwarding entries is reached

Event ID: 4002

Message	{mgmd_type} snooping filter unknown mcast feature will be {status}.
Category	Multicast Traffic Manager
Severity	Info
Description	Logged when mgmd snooping filter unknown mcast feature enablement or removal status in MTM

Event ID: 4003

Message	Failed to {status} {mgmd_type} snooping filter unknown mcast feature.
Category	Multicast Traffic Manager
Severity	Error
Description	Logged when error occurs while updating mgmd snooping filter unknown mcast entry into cpurx table.

Chapter 88
Message Session Relay Protocol (MSRP) events

The following are the events related to Message Session Relay Protocol (MSRP) .

Event ID: 2001

Message	MSTP Enabled
Category	Multiple spanning tree protocol
Severity	Info
Description	This command enables the MSTP (Multiple Spanning-tree Protocol) feature in the device.

Event ID: 2002

Message	MSTP Disabled
Category	Multiple spanning tree protocol
Severity	Info
Description	This command disables the MSTP (Multiple Spanning-tree Protocol) feature in the device.

Event ID: 2003

Message	<*config_parameter*> should be <*value*>
Category	Multiple spanning tree protocol
Severity	Warning
Description	This log event informs the user that the MSTP config parameter is bad

Event ID: 2004

Message	BPDU has <*config_parameter*> from port <*value*>
Category	Multiple spanning tree protocol
Severity	Warning
Description	This log event informs the user that the Switch received a BPDU with a bad config

Event ID: 2005

Message	Bad reconfiguration request: <*reconfig_parameter*>
Category	Multiple spanning tree protocol
Severity	Warning
Description	This log event informs the user that the MSTP reconfig parameter is bad

Event ID: 2006

Message	<*proto*> - Root changed from <*old_priority*>: <*old_mac*> to <*new_priority*>: <*new_mac*>
Category	Multiple spanning tree protocol
Severity	Info
Description	This log event informs the user that the MSTP root has changed

Event ID: 2007

Message	Port <*port*> disabled - BPDU received on protected port
Category	Multiple spanning tree protocol
Severity	Warning
Description	This log event informs the user that BPDU was received on protected port

Event ID: 2008

Message	<*proto*> starved for <*pkt_type*> on port <*port*> from <*priority_mac*>
Category	Multiple spanning tree protocol
Severity	Info
Description	This log event informs the user that the Rx queue is starved in the paticular port

Event ID: 2009

Message	BPDU loss- port <*port*> moved to inconsistent state for <*proto*>
Category	Multiple spanning tree protocol
Severity	Info
Description	This log event informs the user that the port is in inconsistent state

Event ID: 2010

Message	Port <*port*> moved out of inconsistent state for <*proto*>

Category	Multiple spanning tree protocol
Severity	Info
Description	This log event informs the user that the MSTP is out of inconsistent state

Event ID: 2011

Message	Topology Change received on port <*port*> for <*proto*> from source: <*mac*>
Category	Multiple spanning tree protocol
Severity	Info
Description	This log event informs the user that the MSTP topology change is received

Event ID: 2012

Message	<*proto*> - Topology Change generated on port <*port*> going in to <*state*>
Category	Multiple spanning tree protocol
Severity	Info
Description	This log event informs the user that the MSTP topology change is generated

Event ID: 2013

Message	BPDU received on admin edge port <*port*>
Category	Multiple spanning tree protocol
Severity	Info
Description	This log event informs the user that a BPDU was received on admin edge port

Event ID: 2014

Message	Port <*port*> blocked on CIST
Category	Multiple spanning tree protocol
Severity	Info
Description	This log event informs the user that the CIST port is blocked

Event ID: 2015

Message	Port <*port*> unblocked on CIST
Category	Multiple spanning tree protocol

Severity	Info
Description	This log event informs the user that the CIST port is unblocked

Event ID: 2016

Message	Port <*port*> blocked on MST<*instance*>
Category	Multiple spanning tree protocol
Severity	Info
Description	This log event informs the user that the MSTI port is blocked

Event ID: 2017

Message	Port <*port*> unblocked on MST<*instance*>
Category	Multiple spanning tree protocol
Severity	Info
Description	This log event informs the user that the MSTI port is unblocked

Event ID: 2018

Message	<*proto*> Root Port changed from <*old_port*> to <*new_port*>
Category	Multiple spanning tree protocol
Severity	Info
Description	This log event informs the user that the root port is changed

Event ID: 2019

Message	spanning tree mode changed from <*old_mode*> to <*new_mode*>, it will trigger the reconvergence
Category	Multiple spanning tree protocol
Severity	Info
Description	This log event informs the user that the spanning tree mode is changed.

Chapter 89
MVRP events

The following are the events related to MVRP.

Event ID: 3101

Message	MVRP enabled on port <*port*>
Category	MVRP
Severity	Information
Description	This command enables the MVRP (Multiple VLAN Registration Protocol) feature on interface.

Event ID: 3102

Message	MVRP disabled on port <*port*>
Category	MVRP
Severity	Information
Description	This command disables the MVRP (Multiple VLAN Registration Protocol) feature on interface.

Event ID: 3103

Message	MVRP failed to create VLAN <*vlan*>. Maximum VLANs <*max_vlan*> already created' throttle_count: 100
Category	MVRP
Severity	Information
Description	This log event informs user that the vlan create is failed.

Event ID: 3104

Message	MVRP statistics have been cleared for port <*port*>
Category	MVRP
Severity	Information
Description	This log event informs user that the mvrp statistics have been cleared.

Event ID: 3105

Message	MVRP statistics have been cleared for <*port*> ports
Category	MVRP
Severity	Information
Description	This log event informs user that the mvrp statistics have been cleared.

Chapter 90
NAE Agents events

The following are the events related to NAE agents.

Event ID: 6901

Message	An action has been triggered by the NAE agent <*name*>': yes
Category	NAE Agents
Severity	Info
Description	Action has been triggered by an NAE agent

Chapter 91
NAE events

The following are the events related to Network Analytics Engine.

Event ID: 6001

Message	NAE agent <*name*> started to collect samples from <*uri*>.
Category	NAE
Severity	Information
Description	NAE agent started to collect samples.

Event ID: 6002

Message	NAE agent <*name*> stopped to collect samples from <*uri*>.
Category	NAE
Severity	Information
Description	NAE agent stooped to collect samples.

Event ID: 6003

Message	NAE agent <*name*> with URI <*uri*> has error and cannot collect samples.
Category	NAE
Severity	Error
Description	NAE agent with URI has error and cannot collect samples.

Event ID: 6004

Message	NAE agent <*name*> is watching for condition <*condition*>.
Category	NAE
Severity	Information
Description	NAE agent is watching for condition.

Event ID: 6005

Message	NAE agent <*name*> stopped to watch for condition <*condition*>.
Category	NAE
Severity	Information
Description	NAE agent stopped to watch for condition.

Event ID: 6006

Message	NAE agent <*name*> with condition <*condition*> has error and is not watched.
Category	NAE
Severity	Error
Description	NAE agent with condition has error and is not watched.

Event ID: 6007

Message	NAE agent <*name*> generated an alert based on condition <*condition*>.
Category	NAE
Severity	Information
Description	NAE agent generated an alert based on condition.

Event ID: 6008

Message	NAE experiencing a spike in data points to process for NAE monitor <*monitorName*>. NAE will temporarily stop monitoring new data points for <*monitorName*>.
Category	NAE
Severity	Warning
Description	NAE experiencing a spike in data points to process. Temporarily disabling processing updates from specific NAE monitor.

Event ID: 6009

Message	NAE resuming to monitor data points from NAE monitor <*monitorName*>
Category	NAE
Severity	Information
Description	NAE resuming to monitor data points from specific NAE monitor.

Event ID: 6010

Message	User <*user*> has cleard NAE time series database
Category	NAE
Severity	Information
Description	Logs a message when a user clears the NAE time series database

Chapter 92
NAE script generation events

The following are the events related to NAE script generation.

Event ID: 12701

Message	NAE agent <*agent*> creation failed. Reason <*reason*>
Category	NAE script generation
Severity	Error
Description	NAE agent creation failed

Chapter 93
NAE Scripts events

The following are the events related to Network Analytics Engine scripts.

Event ID: 5501

Message	NAE script <*name*> has been validated.
Category	NAE Scripts
Severity	Information
Description	NAE script has been validated.

Event ID: 5502

Message	Error found in NAE Script <*name*>.
Category	NAE Scripts
Severity	Error
Description	Error found in NAE Script.

Event ID: 5503

Message	Error found in NAE Agent <*name*>.
Category	NAE Scripts
Severity	Error
Description	Error found in NAE Agent.

Event ID: 5504

Message	Error executing NAE action <*action_type*> belonging to condition <*condition*> and agent <*agent*> due to <*description*>.
Category	NAE Scripts
Severity	Error
Description	NAE Action error.

Event ID: 5505

Message	NAE Script <*name*> has been created by the system.
Category	NAE Scripts
Severity	Information
Description	NAE Script has been created by the system.

Event ID: 5506

Message	NAE Agent <*name*> has been created by the system.
Category	NAE Scripts
Severity	Information
Description	NAE Agent has been created by the system.

Event ID: 5507

Message	<*msg*>
Category	NAE Scripts
Severity	Information
Description	Log event when instantiated from active NAE agent.

Event ID: 5508

Message	<*msg*>
Category	NAE Scripts
Severity	Information
Description	Log event when instantiated from active NAE agent.

Event ID: 5509

Message	<*msg*>
Category	NAE Scripts
Severity	Critical
Description	Log event when instantiated from active NAE agent.

Event ID: 5510

Message	<*msg*>

Category	NAE Scripts
Severity	Error
Description	Log event when instantiated from active NAE agent.

Event ID: 5511

Message	*<msg>*
Category	NAE Scripts
Severity	Warning
Description	Log event when instantiated from active NAE agent.

Event ID: 5512 (Severity: Emergency)

Message	*<msg>*
Category	NAE Scripts
Severity	Emergency
Description	Log event when instantiated from active NAE agent.

Event ID: 5513 (Severity: Emergency)

Message	*<msg>*
Category	NAE Scripts
Severity	Emergency
Description	Log event when instantiated from active NAE agent.

Event ID: 5514

Message	*<msg>*
Category	NAE Scripts
Severity	Debug
Description	Log event when instantiated from active NAE agent.

Chapter 94
ND snooping events

The following are the events related to ND snooping.

Event ID: 8401

Message	All the dynamic binding entries were cleared.
Category	ND snooping
Severity	Information
Description	Log event when all dynamic binding entries are cleared.

Event ID: 8402

Message	Dynamic binding entries on the port <*port*> were cleared.
Category	ND snooping
Severity	Information
Description	Log event when all dynamic binding entries on a port are cleared.

Event ID: 8403

Message	Dynamic binding entries on the VLAN <*vid*> were cleared.
Category	ND snooping
Severity	Information
Description	Log event when all dynamic binding entries on a vlan are cleared.

Event ID: 8404

Message	Dynamic binding entry with ip <*ip*> on the VLAN <*vid*> was cleared.
Category	ND snooping
Severity	Information
Description	Log event when a specific dynamic binding entry on a vlan is cleared.

Event ID: 8405

Message	ND packet of type=<*type*> received on port:<*port*> vlan:<*vlan*> with src_mac:<*src_mac*> is <*status*>. count=<*count*>
Category	ND snooping
Severity	Information
Description	Log event when ND packet received on port.

Chapter 95
NDM events

The following are the events related to NDM.

Event ID: 6101

Message	Static Neighbor <*ip*> created on Port <*port*>, VRF <*vrf*> mac <*mac*>
Category	NDM
Severity	Info
Description	Static neighbor created

Event ID: 6102

Message	Static Neighbor <*ip*> deleted on Port <*port*>, VRF <*vrf*> and mac <*mac*>
Category	NDM
Severity	Info
Description	Static neighbor deleted

Event ID: 6103

Message	Static Neighbor <*ip*> modified on Port <*port*> and VRF <*vrf*> from mac <*old_mac*> to new mac <*new_mac*>
Category	NDM
Severity	Info
Description	Static neighbor modified

Event ID: 6104

Message	IPDB neighbor <*ip*> added in port <*port*>, VRF <*vrf*>
Category	NDM
Severity	Info
Description	IPDB neighbor added to the neighbor Table

Event ID: 6105

Message	IPDB Neighbor <*ip*> Deleted
Category	NDM
Severity	Info
Description	IPDB neighbor deleted from the neighbor Table

Event ID: 6106

Message	Clear all Arp entries requested on Port <*port*> and VRF <*vrf*>
Category	NDM
Severity	Info
Description	Clear all arp entries requested on Specific Port

Event ID: 6107

Message	Clear all VSX Peer ARP entries requested on Port <*port*> and vrf <*vrf*>
Category	NDM
Severity	Info
Description	Clear all VSX Peer ARP entries requested on Specific Port

Event ID: 6108

Message	Clear all Arp entries requested on VRF <*vrf*>
Category	NDM
Severity	Info
Description	Clear all arp entries requested on Specific VRF

Event ID: 6109

Message	Clear all VSX Peer Arp entries requested on VRF <*vrf*>
Category	NDM
Severity	Info
Description	Clear all VSX Peer arp entries requested on Specific VRF

Event ID: 6110

Message	Clear all Arp entries requested

Category	NDM
Severity	Info
Description	Clear all arp entries requested

Event ID: 6111

Message	Clear all VSX Peer Arp entries requested
Category	NDM
Severity	Info
Description	Clear all VSX Peer arp entries requested

Event ID: 6112

Message	EVPN Virtual Tunnel EndPoint Neighbor <*ip*> added to Port<*port*> on VRF <*vrf*>
Category	NDM
Severity	Info
Description	EVPN Virtual Tunnel EndPoint Neighbor added to the neighbor table

Event ID: 6113

Message	EVPN Virtual Tunnel EndPoint Neighbor <*ip*> updated on Port<*port*> and VRF <*vrf*> with mac <*mac*>
Category	NDM
Severity	Info
Description	EVPN Virtual Tunnel EndPoint Neighbor Updated in the neighbor table

Event ID: 6114

Message	EVPN VTEP Neighbor <*ip*> deleted from Port<*port*> and VRF <*vrf*>
Category	NDM
Severity	Info
Description	EVPN VTEP Neighbor deleted from the neighbor table

Event ID: 6115

Message	Management Role set to <*role*>

Category	NDM
Severity	Info
Description	Processing Redundancy management

Event ID: 6116

Message	Management role changed from old <*role1*> to new role <*role2*>
Category	NDM
Severity	Info
Description	Management role changed to new role

Event ID: 6117

Message	IPv4 neighbor ageout time changed to <*time*> seconds on port <*port*>
Category	NDM
Severity	Info
Description	IPv4 neighbor ageout time changed to new value

Event ID: 6118

Message	IPv6 neighbor ageout time changed to <*time*> seconds on port <*port*>
Category	NDM
Severity	Info
Description	IPv6 neighbor ageout time changed to new value

Event ID: 6119

Message	VSX neighbor datapath init sync status is neighbor sync completed
Category	NDM
Severity	Info
Description	VSX neighbor datapath init sync status is neighbor sync completed

Event ID: 6120

Message	VSX neighbor datapath init sync status is neighbor sync in progress
Category	NDM

Severity	Info
Description	VSX neighbor datapath init sync status is neighbor sync in progress

Event ID: 6121

Message	static neighbor <*ip*> add failed, Subnet match failed
Category	NDM
Severity	Error
Description	Static Neighbor add failed, subnet not matched

Event ID: 6122

Message	static neighbor <*ip*> add failed, it is own ip
Category	NDM
Severity	Error
Description	Static Neighbor add failed, it is own ip

Event ID: 6123

Message	static neighbor <*ip*> Subnet match add failed, port is down
Category	NDM
Severity	Error
Description	Static Neighbor add failed, port is down

Event ID: 6124

Message	Neighbor table VSX peer DB connection terminated
Category	NDM
Severity	Info
Description	Neighbor table VSX peer DB connection terminated

Event ID: 6125

Message	Neighbor table VSX peer DB connection established
Category	NDM
Severity	Info
Description	Neighbor table VSX peer DB connection established

Event ID: 6126

Message	VSX Peer IP <*ip*> added the port <*port*> and VRF <*vrf*>
Category	NDM
Severity	Info
Description	VSX Peer IP added in port vsxPeerIpCache

Event ID: 6127

Message	VSX Peer IP <*ip*> deleted from the port <*port*> and VRF <*vrf*>
Category	NDM
Severity	Info
Description	VSX Peer IP deleted in port vsxPeerIpCache

Event ID: 6128

Message	Proxy arp enabled for the port <*port*>
Category	NDM
Severity	Info
Description	Proxy arp enabled for the given interface

Event ID: 6129

Message	Proxy arp disabled for the port <*port*>
Category	NDM
Severity	Info
Description	Proxy arp diabled for the given interface

Event ID: 6130

Message	Neighbor <*ip*> modified on Port <*port*> and VRF <*vrf*> from mac <*old_mac*> to new mac <*new_mac*>
Category	NDM
Severity	Info
Description	Neighbor modified

Event ID: 6131

Message	Neighbor Discovery daemon started
Category	NDM
Severity	Info
Description	Neighbor Discovery daemon started

Event ID: 6132

Message	Duplicate IPv6 address {ip} is detected on interface {port} with a MAC address of {mac}
Category	NDM
Severity	Error
Description	Duplicate IP detected from ARP reply

Event ID: 6133

Message	Duplicate IPv6 address <*ip*> is detected on port <*port*> with a MAC address of <*mac*>
Category	NDM
Severity	Error
Description	Duplicate IPv6 address detected from Neighbour advertisement

Event ID: 6134

Message	Duplicate IPv4 address <*ip*> is detected on port <*port*> with a MAC address of <*mac*>' throttle_count: 40
Category	NDM
Severity	Error
Description	Duplicate IP detected from ARP request

Chapter 96
NTP events

The following are the events related to NTP.

Event ID: 1101

Message	NTP Association <*event*>: <*server*> <*server_info*>
Category	NTP
Severity	Information
Description	Logs NTP Association configuration changes

Event ID: 1102

Message	NTP Trusted keys <*trusted_keys*> and Untrusted keys <*untrusted_keys*>
Category	NTP
Severity	Information
Description	Logs NTP Trusted and Untrusted authentication-keys

Event ID: 1103

Message	NTP Authentication state change: <*old*> -> <*new*>
Category	NTP
Severity	Information
Description	Logs NTP Authentication state changes

Event ID: 1104

Message	NTP VRF state change: <*old*> -> <*new*>
Category	NTP
Severity	Information
Description	Logs NTP VRF configuration state changes

Event ID: 1105

Message	NTP primary server connection established to <*server*>
Category	NTP
Severity	Information
Description	Logs NTP primary server connection established state change

Event ID: 1106

Message	NTP primary server connection lost to <*server*>
Category	NTP
Severity	Information
Description	Logs NTP primary server connection lost state change

Event ID: 1107

Message	NTP enable state change: <*old*> -> <*new*>
Category	NTP
Severity	Information
Description	Event raised when NTP is changed to enabled or disabled

Chapter 97
OSPFv2 events

The following are the events related to OSPFv2.

Event ID: 2401

Message	AdjChg: Nbr <*router-id*> on <*ospf-interface*>(<*area*>): <*old_state*> -> <*new_state*>
Category	OSPFv2
Severity	Info
Description	Logs the changes in OSPFv2 neighbour state machine.

Event ID: 2402

Message	Interface <*interface*>(<*area*>) changed from <*old_state*> to <*new_state*>, input: <*input*>
Category	OSPFv2
Severity	Info
Description	Logs the changes in the interface FSM state.

Event ID: 2403

Message	<*event*> with <*destination*> <*nexthops*>
Category	OSPFv2
Severity	Info
Description	Logs OSPFv2 route add and delete.

Event ID: 2404

Message	AdjChg: Nbr <*router-id*> on <*ospf-interface*>: <*state*> -> <*next_state*> (<*event*>)
Category	OSPFv2
Severity	Info
Description	Logs the changes in OSPFv2 neighbour state machine.

Event ID: 2405

Message	Router-id updated from <*old*> to <*new*>
Category	OSPFv2
Severity	Info
Description	Logs the changes in the router-id.

Event ID: 2406

Message	Failed to <*action*> <*rule*> error: <*err*>
Category	OSPFv2
Severity	Error
Description	Logs errors for OSPFv2 FP creation/installation.

Event ID: 2407

Message	OSPF all routers field entry added: group_id=<*group_id*> fp_id=<*fp_id*> stat_id=<*stats_id*>
Category	OSPFv2
Severity	Info
Description	Logs for OSPFv2 FP creation/installation.

Event ID: 2408

Message	OSPF designated routers field entry added: group_id=<*group_id*> fp_id=<*fp_id*> stat_id=<*stats_id*>
Category	OSPFv2
Severity	Info
Description	Logs for OSPFv2 DR FP creation/installation.

Event ID: 2409

Message	Graceful Restart state changed, <*old_state*> -> <*new_state*>, reason: <*reason*>
Category	OSPFv2
Severity	Info
Description	Logs the changes of OSPFv2 Graceful Restart state.

Event ID: 2410

Message	Duplicate router-id for <*ospf-interface*> from source <*source-ip*>
Category	OSPFv2
Severity	Error
Description	Logs when router-id is duplicate.

Event ID: 2411

Message	Distance External <*external*>, Inter-area <*inter*>, and Intra-area <*intra*> applied to all the OSPF processes {process-id} in <*vrf*> VRF
Category	OSPFv2
Severity	Info
Description	Logs the changes of OSPFv2 distance.

Chapter 98
OSPFv3 events

The following are the events related to OSPFv3.

Event ID: 4901

Message	Failed to <*action*> <*rule*> error: <*err*>
Category	OSPFv3
Severity	Error
Description	Logs errors for OSPFv3 FP creation/installation.

Event ID: 4902

Message	OSPF3 all routers field entry added: group_id=<*group_id*> fp_id=<*fp_id*> stat_id=<*stats_id*>
Category	OSPFv3
Severity	Info
Description	Logs for OSPFv3 FP creation/installation.

Event ID: 4903

Message	OSPF3 designated routers field entry added: group_id=<*group_id*> fp_id=<*fp_id*> stat_id=<*stats_id*>
Category	OSPFv3
Severity	Info
Description	Logs for OSPFv3 DR FP creation/installation.

Event ID: 4904

Message	AdjChg: Nbr<*router-id*> on interface <*link-local*> on <*interface*>(<*area*>): <*old_state*> -> <*new_state*>
Category	OSPFv3
Severity	Info
Description	Logs the changes in OSPFv3 neighbour state machine.

Event ID: 4905

Message	Interface <*link-local*> on <*interface*>(<*area*>) changed from <*old_state*> to <*new_state*>, input: <*input*>
Category	OSPFv3
Severity	Info
Description	Logs the changes in the interface FSM state.

Event ID: 4906

Message	Graceful Restart state changed, <*old_state*> -> <*new_state*>, reason: <*reason*>
Category	OSPFv3
Severity	Info
Description	Logs the changes of OSPFv3 Graceful Restart state.

Event ID: 4907

Message	Duplicate router-id for <*link-local*> from source <*source-ip*>
Category	OSPFv3
Severity	Error
Description	Logs when router-id is duplicate.

Event ID: 4908

Message	Distance External <*external*>, Inter-area <*inter*>, and Intra-area <*intra*> applied to all the {OSPFv3 process-id}processes in <*vrf*> VRF
Category	OSPFv3
Severity	Info
Description	Logs the changes of OSPFv3 distance.

Packet capture events

The following are the events related to packet capture sessions.

Event ID: 15201

Message	capture failed to start the session {session_name}
Category	Packet capture
Severity	Error
Description	Event raised when packet capture is failed to start

Event ID: 15202

Message	Packet capture failed to stop the session {session_name}
Category	Packet capture
Severity	Error
Description	Event raised when packet capture is failed to stop

Event ID: 15203

Message	Packet capture started for the session {session_name}
Category	Packet capture
Severity	Info
Description	Event raised when packet capture is started

Event ID: 15204

Message	Packet capture stopped for the session {session_name}
Category	Packet capture
Severity	Info
Description	Event raised when packet capture is stopped

Event ID: 15205

Message	Packet capture session {session_name} client state set to initializing
Category	Packet capture
Severity	Info
Description	Packet capture session row client state set to initializing

Event ID: 15206

Message	Packet capture session {session_name} client state set to in-progress
Category	Packet capture
Severity	Info
Description	acket capture session row client state set to in-progress

Event ID: 15207

Message	acket capture session {session_name} client state set to completed
Category	Packet capture
Severity	Info
Description	Packet capture session row client state set to completed

Event ID: 15208

Message	Packet capture session {session_name} client state set to hw failed
Category	Packet capture
Severity	Error
Description	Packet capture session row client state set to hw failed

Event ID: 15209

Message	Packet capture session {session_name} client state set to connection failed
Category	Packet capture
Severity	Error
Description	Packet capture session row client state set to conection failed

Event ID: 15210

Message	Packet capture session {session_name} hw programmed is {value}
Category	Packet capture
Severity	Info
Description	Packet capture session row hw programmed value

Event ID: 15211

Message	Packet capture session {session_name} max timeout reached
Category	Packet capture
Severity	Info
Description	Packet capture session row client state set to completed due to max time out

Event ID: 15212

Message	Packet capture session {session_name} max packet transmitted

Category	Packet capture
Severity	Info
Description	Packet capture session row client state set to completed due to max packet transmitted

Event ID: 15213

Message	Packet capture configuration error for session {session_name}, reason : {reason}
Category	Packet capture
Severity	Error
Description	Event raised when packet capture configuration is invalid

Chapter 99
Password Reset events

The following are the events related to password reset.

Event ID: 5901

Message	Password reset succeeded for admin user.
Category	Password Reset
Severity	Information
Description	Log message when admin user password reset is successful

Event ID: 5902

Message	Password reset failed for admin user.
Category	Password Reset
Severity	Information
Description	Log message when admin user password reset fails

Chapter 100
PIM events

The following are the events related to PIM.

Event ID: 5101

Message	Failed to send <*pkt_type*> packet on Interface <*InterfaceName*>' throttle_count: 100
Category	PIM
Severity	Error
Description	Send error packet

Event ID: 5102

Message	PIM interface <*InterfaceName*> is configured with IP <*ip_address*>
Category	PIM
Severity	Info
Description	Pim IP config

Event ID: 5103

Message	Packet dropped from <*ip_address*> on interface <*InterfaceName*> <*error*> <*value*>' throttle_count: 100
Category	PIM
Severity	Error
Description	Packet dropped

Event ID: 5104

Message	Received packet from router <*ip_address*>, unkwn pkt type <*pkt_type*>' throttle_count: 100
Category	PIM
Severity	Error
Description	Received packet from router

Event ID: 5105

Message	Failed to add flow <*dip0*>.<*dip1*>.<*dip2*>.<*dip3*>, <*sip0*>.<*sip1*>.<*sip2*>.<*sip3*> (<*status*> <*srcport*> <*srcvid*> <*totalvid*> <*flowtype*> <*callerid*>)
Category	PIM
Severity	Error
Description	Failed to add flow

Event ID: 5106

Message	Failed to remove flow g <*dip0*>.<*dip1*>.<*dip2*>.<*dip3*>, s <*sip0*>, <*sip1*>.<*sip2*>.<*sip3*> (<*status*> <*srcport*> <*srcvid*> <*flowtype*> <*callerid*>)
Category	PIM
Severity	Error
Description	Failed to remove flow for Hardware

Event ID: 5107

Message	Failed to add a mroute for s=<*source*>, g=<*group*> on interface <*interfaceName*> as the configured mroute limits are reached' throttle_count: 100
Category	PIM
Severity	Warning
Description	Failed to program mroute as the limits are reached

Event ID: 5108

Message	Failed to add a mroute for s=<*source*>, g=<*group*> on interface <*interfaceName*> as the configured sources per group limit is reached' throttle_count: 100
Category	PIM
Severity	Warning
Description	Failed to program mroute as the sources per group limit is reached

Event ID: 5109

Message	This router is elected as the <*ip_version*> <*state*> for interface <*ifname*>
Category	PIM
Severity	Info
Description	PIM DR election log

Event ID: 5110

Message	<*type*> <*reason*> failed with Fd: <*fd*> on Port: <*port*>. Error description: <*err*>
Category	PIM
Severity	Error
Description	Multicast socket creation error

Event ID: 5111

Message	OVSDB operation failed with <*err*>' throttle_count: 100
Category	PIM
Severity	Error
Description	DB Operation failed

Event ID: 5112

Message	New Elected BSR for VRF <*vrf_name*> is <*ebsr_ip*> with priority <*priority*>
Category	PIM
Severity	Info
Description	Elected BSR

Event ID: 5113

Message	Elected BSR removed on VRF <*vrf_name*>
Category	PIM
Severity	Info
Description	Elected BSR removed

Event ID: 5114

Message	Candidate BSR <*ip_address*> with priority <*priority*> is <*status*> on interface <*ifname*>
Category	PIM
Severity	Info
Description	Configured candidate BSR

Event ID: 5115

Message	PIM Neighbor <*neighbor_ip*> is <*event*> on interface <*ifname*>

Category	PIM
Severity	Info
Description	Neighbor status

Event ID: 5116

Message	<*pkt*> packet is discarded on interface <*ifname*>. Reason: <*reason*>' throttle_count: 100
Category	PIM
Severity	Warning
Description	Packet drop

Event ID: 5117

Message	Forwarding state has changed to <*state*> on <*ip_version*> enabled interface <*ifname*>
Category	PIM
Severity	Info
Description	Interface operational status

Event ID: 5118

Message	<*pim_version*> <*mode*> mode is <*status*> on interface <*ifname*>
Category	PIM
Severity	Info
Description	Interface PIM mode

Event ID: 5119

Message	Router <*pim_version*> is <*mode*> on VRF <*vrfname*>
Category	PIM
Severity	Info
Description	Router pim configuration status

Event ID: 5120

Message	Candidate RP <*ip_address*> is <*event*> on VRF <*vrf_name*>
Category	PIM

Severity	Info
Description	Learnt or removed candidate RP

Event ID: 5121

Message	Software Packet Queue <*limit*> threshold value <*val*> reached. Queue size: <*qsize*>
Category	PIM
Severity	Info
Description	Software Packet Queue reaches threshold

Event ID: 5122

Message	This router is elected as the <*ip_version*> VSX <*state*> for interface <*ifname*>
Category	PIM
Severity	Info
Description	PIM VSX DR Election log

Event ID: 5123

Message	VSX ISL Status changed to <*isl_status*>
Category	PIM
Severity	Info
Description	VSX ISL Status update log

Event ID: 5124

Message	Candidate RP <*ip_address*> is configured on interface <*ifname*>
Category	PIM
Severity	Info
Description	Configured candidate RP

Event ID: 5125

Message	BFD Session created for neighbor <*ip_address*> on interface <*ifname*>
Category	PIM
Severity	Info
Description	BFD Session created

Event ID: 5126

Message	BFD Session deleted for neighbor <*ip_address*> on interface <*ifname*>
Category	PIM
Severity	Info
Description	BFD Session deleted

Event ID: 5127

Message	PIM Resource utilization of <*capacity_type*> has reached/exceeded the supported limits on the system.
Category	PIM
Severity	Info
Description	This log event informs the user that PIM resource utilization has exceeded the supported limits

Event ID: 5128

Message	PIM Resource utilization of <*capacity_type*> has reached 90 percent of the supported limits on the system.
Category	PIM
Severity	Info
Description	This log event informs the user that PIM resource utilization has reached 90 percent of the supported limits

Event ID: 5129

Message	PIM Resource utilization of <*capacity_type*> has dropped below 90 percent of the supported limits on the system.
Category	PIM
Severity	Info
Description	This log event informs the user that PIM resource utilization drops below 90 percent of the supported limits

Event ID: 5130

Message	Router <*pim_version*> PIM-SSM is <*mode*> on VRF <*vrfname*>
Category	PIM
Severity	Info

Description	Router PIM-SSM configuration status

Event ID: 5131

Message	Router <*pim_version*> PIM-SSM range ACL is <*mode*> on VRF <*vrfname*>
Category	PIM
Severity	Info
Description	Router PIM-SSM range ACL configuration status

Event ID: 5132

Message	Vxlan-tunnel configured with {mode} mode. Border router functionality is {status} on this router.
Category	PIM
Severity	Info
Description	The dynamic VXLAN tunnel bridging mode configured and the Border Gateway status with respect to PIM.

Event ID: 5133

Message	PIM NSF timer {status} {action_str}
Category	PIM
Severity	Info
Description	PIM NSF timer status

Chapter 101
Policies events

The following are the events related to policies.

Event ID: 10101

Message	Policy <*policy_name*> failed to apply on <*application*>
Category	Policies
Severity	Error
Description	Policy application failure

Chapter 102
Port access events

The following are the events related to port access.

Event ID: 10501

Message	Client <*mac_address*> was logged-off administratively through command-line interface
Category	Port access
Severity	Info
Description	Client was logged-off administratively through command-line interface

Event ID: 10502

Message	Port <*port*> is blocked by port-access
Category	Port access
Severity	Info
Description	The port is blocked by port-access daemon

Event ID: 10503

Message	Port <*port*> is unblocked by port-access
Category	Port access
Severity	Info
Description	The port is unblocked by port-access daemon

Event ID: 10504

Message	Clients were logged-off on the port <*port*> due to a change in authentication mode from <*device/client*> to *client/device*>
Category	Port access
Severity	Info
Description	The authentication mode associated with the port is changed

Event ID: 10505

Message	Clients were logged-off on the port <*port*> due to a change in client limit from <*old_limit*> to <*new_limit*>
Category	Port access
Severity	Info
Description	The client limit associated with the port is changed

Event ID: 10506

Message	The name associated with VLAN <*vlan_id*> changed from <*old_name*> to <*new_name*>
Category	Port access
Severity	Info
Description	The name associated with a VLAN in use by port-access daemon changed

Event ID: 10507

Message	Clients using policy <*policy_name*> were logged-off due to a configuration change in the policy
Category	Port access
Severity	Info
Description	The policy configuration is updated by the user

Event ID: 10508

Message	VLAN conflict detected on port <*port-name*>
Category	Port access
Severity	Error
Description	VLAN is configured as Trunk for some clients and access for others. This could potentially result in traffic loss

Event ID: 10509

Message	Client limit exceeded on port <*port*>, caused by an unauthenticated client <*mac_addr*>
Category	Port access
Severity	Error
Description	Log event when an intruder is detected on the port

Event ID: 10510

Message	All clients except client with MAC address <*mac_addr*> logged-off on the port <*port*> due to a change in authentication mode from <*old_mode*> to <*new_mode*>
Category	Port access
Severity	Info
Description	The authentication mode associated with the port is changed

Event ID: 10511

Message	All clients except client with MAC address <*mac_addr*> logged-off on the port <*port*> due to a proxy-logoff request
Category	Port access
Severity	Info
Description	Clients were logged off due to proxy logoff

Event ID: 10512

Message	Client with MAC address <*mac_addr*> learnt on port <*port-name*>
Category	Port access
Severity	Info
Description	Received a client for authentication/authorization on secure port

Event ID: 10513

Message	Client with MAC address <*mac_addr*> deleted on port <*port-name*>
Category	Port access
Severity	Info
Description	Deleted a port-access client

Event ID: 10514

Message	Client with MAC address <*mac_addr*> authorized on port <*port-name*> with role <*role-name*>
Category	Port access
Severity	Info
Description	Client authorized with role

Event ID: 10515

Message	Client with MAC address <*mac_addr*> on port <*port-name*> failed <*auth-method*> authentication with reason <*failure-reason*>
Category	Port access
Severity	Info
Description	Client has failed authentication

Event ID: 10516

Message	Client with MAC address <*mac_addr*> on port <*if_name*> triggered for MAC authentication request with ID <*request_id*>
Category	Port access
Severity	Info
Description	MAC authentication request sent for client

Event ID: 10517

Message	Client with MAC address <*mac_addr*> on port <*if-name*> received response for MAC-Authentication request ID <*request-id*> as <*response*>
Category	Port access
Severity	Info
Description	MAC authentication response received for client

Event ID: 10518

Message	Client with MAC address <*mac_addr*> on port <*if-name*> triggered for 802.1x authentication request with ID <*request-id*>
Category	Port access
Severity	Info
Description	802.1x Authentication response received for client

Event ID: 10519

Message	Client with MAC address <*mac_addr*> on port <*if-name*> received response for 802.1x authentication request ID <*request-id*> as <*response*>
Category	Port access
Severity	Info
Description	802.1x Authentication response received for client

Event ID: 10520

Message	Reached the maximum cached-clients limit of <*limit*> on the switch for Limited Auth-Survivability
Category	Port access
Severity	Info
Description	Port Access cached-client maximum limit reached

Event ID: 10521

Message	Restored <*num-cached-clients*> cached-clients from persistent-storage after reboot
Category	Port access
Severity	Info
Description	Cached-Clients were recovered from persistent-storage

Event ID: 10522

Message	Interface <*if-name*> is flapped by port-access as port of a CoA request
Category	Port access
Severity	Info
Description	The port is flapped by port-access daemon

Event ID: 10523

Message	Interface <*if-name*> is disabled by port-access as port of a CoA request
Category	Port access
Severity	Info
Description	The port is disabled by port-access daemon

Event ID: 10524

Message	<*request_pkt*> request received for client with MAC address <*mac_addr*> on port <*if-name*> from dyn-authorization client <*address*> on vrf <*vrf-name*>
Category	Port access
Severity	Info
Description	Disconnect/CoA request received from dyn-authorization client

Event ID: 10525

Message	<*request_pkt*> request received from <*address*> on VRF <*vrf_name*> for client with MAC

	address <*mac_addr*> on port <*if-name*> is successfully processed
Category	Port access
Severity	Info
Description	Disconnect/CoA request request is handled successfully

Event ID: 10526

Message	<*request_pkt*> request received from <*address*> on VRF <*vrf_name*> for client with MAC address <*mac_addr*> on port <*if-name*> failed to process with error <*error_cause*>
Category	Port access
Severity	Info
Description	Disconnect/CoA request request is failed

Event ID: 10527

Message	MAC Authentication triggered for client <*mac_addr*> on port <*if_name*> with ID <*request_id*> to server <*ip:port, proto, vrf {vrf_name}*>
Category	Port access
Severity	Info
Description	MAC Authentication reuqest sent for client

Event ID: 10528

Message	MAC Authentication succeeded for client <*mac_addr*> on port <*if_name*> with ID <*request_id*> to server <*ip:port, proto, vrf {vrf_name}*>
Category	Port access
Severity	Info
Description	MAC Authentication response received for client

Event ID: 10529

Message	MAC Authentication failed with reason <*response*> for client <*mac_addr*> on port <*if_name*> with ID <*request_id*> from servers <*server_list*>
Category	Port access
Severity	Info
Description	MAC Authentication response received for client

Event ID: 10530

Message	802.1x Authentication triggered for client <*mac_addr*> on port <*if_name*> with ID <*request_id*> to server <*ip:port, proto, vrf {vrf_name}*>
Category	Port access
Severity	Info
Description	802.1x Authentication request sent for client

Event ID: 10531

Message	802.1x Authentication succeeded for client <*mac_addr*> on port <*if_name*> with ID <*request_id*> from server <*ip:port, proto, vrf {vrf_name}*>
Category	Port access
Severity	Info
Description	802.1x Authentication response sent for client

Event ID: 10532

Message	802.1x Authentication failed with reason <*response*> for client <*mac_addr*> on port <*if_name*> with ID <*request_id*> from servers <*server_list*>
Category	Port access
Severity	Info
Description	802.1x Authentication response received for client

Event ID: 10533

Message	Interface <*if_name*> is blocked by port-access
Category	Port access
Severity	Info
Description	The interface is blocked by port-access daemon

Event ID: 10534

Message	Interface <*if_name*> is unblocked by port-access
Category	Port access
Severity	Info
Description	The interface is unblocked by port-access daemon

Event ID: 10535

Message	Policy {policy_name} is of type {feature} and a valid feature pack is required to use the policy. All clients associated with this policy will be unauthorized until a valid feature pack is installed.
Category	Port access
Severity	Error
Description	The feature has invalid or missing feature pack and it will not operate until a valid feature pack is installed

Event ID: 10536

Message	Policy {policy_name} is of type {feature} and a valid feature pack is required to use the policy. The policy is currently in use without a valid feature pack.
Category	Port access
Severity	Warning
Description	The feature doesn't have valid feature pack but it will operate normally.

Event ID: 10537

Message	Failed to apply flow monitor {monitor_name} in role {role_name} on port {port_name}. Flow monitor is not supported on LAG ports.
Category	Port access
Severity	Info
Description	Flow monitor is applied on a LAG port via a role. LAG ports do not support flow monitors.

Chapter 103
Port access application-based policy events

The following are the events related to port access application-based policies (ABPs).

Event ID: 14701

Message	Configuration change in the policy {pac_abp_name} {operation}
Category	PORT_ACCESS_ABP
Severity	Info
Description	User updated the application based policy configuratio.

Event ID: 14702

Message	onfiguration update in the policy due to class change {pac_abp_name} {operation}
Category	PORT_ACCESS_ABP
Severity	Error
Description	User updated the application based policy class configuration

Event ID: 14703

Message	Trigger received to {operation} policy: {pac_abp_name} for client: {client}
Category	PORT_ACCESS_ABP
Severity	Info
Description	The application based policy applying/unapplying for client

Event ID: 14704

Message	Trigger received to {operation} policy: {pac_abp_name} for client: {client} is {result}
Category	PORT_ACCESS_ABP
Severity	Error
Description	Trigger received to {operation} policy: {pac_abp_name} for client: {client}

Chapter 104
Port access group based policy events

The following are the events related to port access group based policy.

Event ID: 12601

Message	Configuration change in the policy <*pac_gbp_name*> <*operation*>
Category	Port access group based policy
Severity	Information
Description	The group based policy configuration is updated by the user

Event ID: 12602

Message	Configuration update in the policy due to class change <*pac_gbp_name*> <*operation*>
Category	Port access group based policy
Severity	Information
Description	The group based policy class configuration is updated by the user

Event ID: 12603

Message	Trigger received to <*operation*> policy: <*pac_gbp_name*> for client: <*client*>
Category	Port access group based policy
Severity	Information
Description	The group based policy applying/unapplying for client

Event ID: 12604

Message	Trigger received to <*operation*> policy: <*pac_gbp_name*> for client: <*client*> is <*result*>
Category	Port access group based policy
Severity	Information
Description	The group based policy apply/unapply for client result

Event ID: 12605

Message	Trigger received on <*operation*> of line_card: <*line_card*> to <*action*> policy: <*pac_gbp_name*>
Category	Port access group based policy
Severity	Information
Description	The group based policy apply/unapply on new linecard

Event ID: 12606

Message	Trigger received on <*operation*> of line_card: <*line_card*> to <*action*> policy: <*pac_gbp_name*> is <*result*>
Category	Port access group based policy
Severity	Information
Description	The group based policy apply/unapply on new linecard result

Chapter 105
Port access roles events

The following are the events related to port access roles.

Event ID: 9301

Message	Failed to apply ClearPass role - <*cprole_error_string*>
Category	Port access roles
Severity	Error
Description	Logs an event if there are errors when applying a ClearPass role

Event ID: 9302

Message	Failed to create the role - <*role_name*>, maximum limit reached' throttle_count: 100
Category	Port access roles
Severity	Error
Description	Logs an event if the maximum limit is reached while creating a Port Access Role

Event ID: 9303

Message	A local user role with name {role_name} already exists and conflicts with the newly inserted ClearPass role
Category	Port access roles
Severity	Warning
Description	Warns a user when local user role is already existing.

Event ID: 9304

Message	A ClearPass role with name {role_name} already exists and conflicts with the newly inserted {role_type} role.
Category	Port access roles
Severity	Warning
Description	Warns a user when a ClearPass role is already existing.

Chapter 106
Port events

The following are the events related to port.

Event ID: 601

Message	Netlink socket creation failed <*error*>
Category	Port
Severity	Info
Description	Log when netlink socket creation failed

Event ID: 602

Message	Netlink socket bind failed <*error*>
Category	Port
Severity	Info
Description	Log when netlink socket bind failed

Event ID: 603

Message	Netlink failed to set mtu <*mtu*> for interface <*interface*>
Category	Port
Severity	Info
Description	Log when netlink failed to set mtu for interface

Event ID: 604

Message	Netlink failed to bring <*status*> the interface <*interface*>
Category	Port
Severity	Info
Description	Log when netlink failed to change the interface status

Event ID: 605

Message	Unknown internal vlan policy <*policy*>
Category	Port
Severity	Info
Description	Unknown internal vlan policy

Event ID: 606

Message	Error allocating internal vlan for port <*vlan*>
Category	Port
Severity	Info
Description	Log when allocation failed for internal vlan for port

Event ID: 607

Message	Overlapping networks observed for <*ip_address*>
Category	Port
Severity	Error
Description	Log when a duplicate address is received on a port

Event ID: 608

Message	Interface {port} is down due to PVLAN hardware resource allocation failure
Category	Port
Severity	Info
Description	This log event informs the user that interface is down due to PVLAN hardware resource allocation failure

Event ID: 609

Message	Interface {port} is recovered from PVLAN hardware resource allocation failure
Category	Port
Severity	Info
Description	This log event informs the user that the interface has recovered from hardware resource allocation failure

Chapter 107
Port security events

The following are the events related to port security.

Event ID: 9401

Message	Client limit exceeded on port <*if_name*>, caused by an unauthorized client <*mac_addr*>' throttle_count: 30: yes
Category	Port security
Severity	Info
Description	Client is trying to get access on a port security enabled port

Event ID: 9402

Message	Port security sticky client move violation triggered on port <*port*> for client with MAC address <*mac_addr*>.' throttle_count: 30: yes
Category	Port security
Severity	Info
Description	Client, which has been programmed as sticky client on a port, tried to connect on different port

Chapter 108
Port Statistics events

The following are the events related to port statistics.

Event ID: 6601

Message	Failed to create layer 3 IPv4 RX statistic for port:<*name*>
Category	Port Statistics
Severity	Error
Description	Logs a message when the creation of a Layer 3 IPv4 RX counter fails

Event ID: 6602

Message	Failed to create layer 3 IPv6 RX statistic for port:<*name*>
Category	Port Statistics
Severity	Error
Description	Logs a message when the creation of a Layer 3 IPv6 RX counter fails

Event ID: 6603

Message	Failed to create layer 3 IPv4 TX statistic for port:<*name*>
Category	Port Statistics
Severity	Error
Description	Logs a message when the creation of a Layer 3 IPv4 TX counter fails

Event ID: 6604

Message	Failed to create layer 3 IPv6 TX statistic for port:<*name*>
Category	Port Statistics
Severity	Error
Description	Logs a message when the creation of a Layer 3 IPv6 TX counter fails

Chapter 109
Power events

The following are the events related to power.

Event ID: 301

Message	PSU <*name*> changed state to <*state*>
Category	Power
Severity	Info
Description	Log the change in PSU status.

Event ID: 302

Message	PSUs inserted in the system are of <*Type*> types. This is <*Support*> configuration.
Category	Power
Severity	Warning
Description	Log the identification of mixed PSU types

Event ID: 303

Message	PSU <*name*> encountered a warning. Total warning count: <*warnings*>
Category	Power
Severity	Error
Description	Log the warnings encountered by the PSU

Event ID: 304

Message	PSU <*name*> faulted. Total fault count: <*failures*>
Category	Power
Severity	Error
Description	Log the failures encountered by the PSU

Event ID: 305

Message	PSU <*name*>: Internal communication <*status*>
Category	Power
Severity	Warning
Description	Log PSU internal communication failure

Event ID: 306

Message	PSU <*name*>: Fan-<*fanidx*> <*status*>
Category	Power
Severity	Warning
Description	Log PSU fan fault

Event ID: 307

Message	PSU <*name*>: <*sensorid*> sensor <*status*> threshold limit
Category	Power
Severity	Warning
Description	Log when PSU temperature sensor exceeded threshold

Event ID: 308

Message	PSU <*name*> has shutdown due to over temperature in <*sensorid*> sensor
Category	Power
Severity	Error
Description	Log when PSU temperature sensor triggered PSU shutdown

Event ID: 309

Message	PSU <*name*>: Output current <*status*> threshold limit
Category	Power
Severity	Warning
Description	Log when PSU output current exceeds threshold

Event ID: 310

Message	PSU <*name*> has shutdown due to output overcurrent

Category	Power
Severity	Error
Description	Log when PSU output current triggered PSU shutdown

Event ID: 311

Message	PSU <*name*> has shutdown due to output overvoltage
Category	Power
Severity	Error
Description	Log when PSU output voltage triggered PSU shutdown

Event ID: 312

Message	PSU Redundancy set to <*redund*>
Category	Power
Severity	Info
Description	Log a change in the PSU redundancy user configuration

Event ID: 313

Message	PSU Redundancy operating at <*redund*>
Category	Power
Severity	Info
Description	Log a change in the PSU redundancy operational state

Event ID: 314

Message	PSU <*name*> disabled: PSU airflow does not match system-airflow
Category	Power
Severity	Error
Description	Log when PSU is disabled due to airflow direction mismatch, recorded periodically for each PSU'

Event ID: 315

Message	PSU <*name*> disabled: PSU communication error
Category	Power

Severity	Error
Description	Log when PSU is disabled due to communication error

Event ID: 316

Message	<*type*> module <*name*> denied power due to insufficient power. Configured PoE power can be deconfigured to allow card to be granted power.
Category	Power
Severity	Warning
Description	There is insufficient power to power a card. Power can be removed from configured PoE PDs to be able to power the card.

Event ID: 317

Message	PSU <*name*> disabled: PSU inserted is not supported by the system
Category	Power
Severity	Warning
Description	Log when PSU is disabled due to an unsupported PSU

Event ID: 318

Message	Power over Ethernet status has faulted
Category	Power
Severity	Error
Description	Log 54V Power over Ethernet status fault

Event ID: 319

Message	Power over Ethernet status is good
Category	Power
Severity	Info
Description	Log 54V Power over Ethernet status is good

Event ID: 320

Message	PSU <*name*> <*alert*> occurred
Category	Power

Severity	Error
Description	Log when PSU voltage alert occurs

Event ID: 321

Message	PSU <*name*> <*alert*> recovered
Category	Power
Severity	Info
Description	Log when PSU voltage alert recovers

Event ID: 322

Message	Invalid PoE power configuration, using default maximum PoE power
Category	Power
Severity	Warning
Description	Log when configured PoE power is invalid

Event ID: 323

Message	PSU {name} is not supported by the system. Please insert a supported PSU. Refer to the Installation Guide for supported configurations.
Category	Power
Severity	Error
Description	Log event for an unsupported PSU, recorded periodically for each PSU

Event ID: 324

Message	PSU {name} encountered {fault} fault with 0x{status} during previous boot.
Category	Power
Severity	Info
Description	Log PSU fault event in previous boot

Event ID: 325

Message	'PSU {name} disabled: PSU input type {input_type} does not match existing input type {existing_type}'
Category	Power

Severity	Error
Description	Log when PSU is disabled due to input type mismatch, recorded periodically for each PSU

Chapter 110
Power over Ethernet events

The following are the events related to power over Ethernet.

Event ID: 7901

Message	Detected powered device on interface <*interface_name*>. Type:<*pd_type*>, Class:<*pd_class*>
Category	Power over Ethernet
Severity	Information
Description	Detected powered device on interface. Type, Class.

Event ID: 7902

Message	Powered device power delivery on interface <*interface_name*>
Category	Power over Ethernet
Severity	Information
Description	Powered device power delivery on interface.

Event ID: 7903

Message	Powered device power denied on interface <*interface_name*>
Category	Power over Ethernet
Severity	Warning
Description	Powered device power denied on interface.

Event ID: 7904

Message	Powered device fault on interface <*interface_name*>. Fault type <*fault_type*>
Category	Power over Ethernet
Severity	Warning
Description	Powered device fault on interface. Fault type.

Event ID: 7905

Message	Powered device disconnected on interface <*interface_name*>
Category	Power over Ethernet
Severity	Information
Description	Powered device disconnected on interface.

Event ID: 7906

Message	PoE disabled on interface <*interface_name*>
Category	Power over Ethernet
Severity	Information
Description	PoE disabled on interface

Event ID: 7907

Message	Powered device mps absent on interface <*interface_name*>
Category	Power over Ethernet
Severity	Information
Description	Powered device mps absent on interface

Event ID: 7908

Message	Detected dual signature powered device on interface <*interface_name*>. Type:<*pd_type*>, ClassA:<*paira_class*>, ClassB:<*pairb_class*>
Category	Power over Ethernet
Severity	Information
Description	Detected dual signature powered device on interface. Type, ClassA, ClassB

Event ID: 7909

Message	Dual signature powered device power delivery on interface <*interface_name*>
Category	Power over Ethernet
Severity	Information
Description	Dual signature powered device power delivery on interface.

Event ID: 7910

Message	Dual signature powered device fault on interface <*interface_name*> pair <*pair*>. Fault type

	<fault_type>
Category	Power over Ethernet
Severity	Warning
Description	Dual signature powered device fault on interface. Fault type.

Event ID: 7911

Message	Dual signature powered device mps absent on interface <*interface_name*>
Category	Power over Ethernet
Severity	Information
Description	Dual signature powered device mps absent on interface

Event ID: 7912

Message	Powered device FET bad fault recovered on interface <*interface_name*>
Category	Power over Ethernet
Severity	Information
Description	Powered device FET bad fault recovered on interface

Event ID: 7913

Message	Powered device FET bad fault recovery failed on interface <*interface_name*>
Category	Power over Ethernet
Severity	Information
Description	Powered device FET bad fault recovery failed on interface

Event ID: 7914

Message	Powered device got class demoted on interface <*interface_name*>. Requested_class <*req_class*> Assigned_class <*assigned_class*>
Category	Power over Ethernet
Severity	Information
Description	Powered device got class demoted on interface

Event ID: 7915

Message	Dual signature powered device got class demoted on interface <*interface_name*>.

	Requested_classA <*req_class_A*> Requested_classB <*req_class_B*> Assigned_classA <*assigned_class_A*> Assigned_classB <*assigned_class_B*>
Category	Power over Ethernet
Severity	Information
Description	Dual signature powered device got class demoted on interface

Event ID: 7916

Message	Powered device pre std detect enabled on interface <*interface_name*>
Category	Power over Ethernet
Severity	Information
Description	Powered device pre std detect enabled on interface

Event ID: 7917

Message	PoE usage exceeded threshold limit of <*threshold_limit*>
Category	Power over Ethernet
Severity	Information
Description	PoE usage exceeded threshold limit

Event ID: 7918

Message	PoE controller <*cntrl_name*> got into fault
Category	Power over Ethernet
Severity	Information
Description	PoE controller got into fault

Event ID: 7919

Message	PoE controller <*cntrl_name*> got reset
Category	Power over Ethernet
Severity	Information
Description	PoE controller got reset

Event ID: 7920

Message	Powered device got class promoted on interface <*interface_name*>.Requested_class <*req_*

	class> Assigned_class <*assigned_class*>
Category	Power over Ethernet
Severity	Information
Description	Powered device got class promoted

Event ID: 7921

Message	Dual signature powered device got class promoted on interface <*interface_name*>.Requested_classA <*req_class_A*> Requested_classB <*req_class_B*> Assigned_classA <*assigned_class_A*> Assigned_classB <*assigned_class_B*>
Category	Power over Ethernet
Severity	Information
Description	Dual signature powered device got class promoted

Event ID: 7922

Message	Powered device is drawing power more than its class on interface <*interface_name*>, type:<*pd_type*> class:<*pd_class*> power:<*power*> is exceeding the max average power of the PD class. Check the PD max power draw, cabling type and length to improve interoperability
Category	Power over Ethernet
Severity	Information
Description	Powered device is drawing power more than its class

Event ID: 7923

Message	Powered device UVLO fault on interface <*interface_name*>, will attempt to recover itself by toggling power
Category	Power over Ethernet
Severity	Information
Description	Powered device UVLO fault on interface

Event ID: 7924

Message	Powered device FET BAD fault on interface <*interface_name*>
Category	Power over Ethernet
Severity	Information
Description	Powered device FET BAD fault

Event ID: 7925

Message	Dual signature powered device is drawing power more than its class on interface <*interface_name*>, type:<*pd_type*> classA:<*paira_class*> classB:<*pairb_class*> power:<*power*>
Category	Power over Ethernet
Severity	Information
Description	Dual signature powered device is drawing power more than its class

Event ID: 7926

Message	PoE usage is below threshold of <*threshold_limit*>
Category	Power over Ethernet
Severity	Information
Description	PoE usage is below threshold

Event ID: 7927

Message	Total power drawn: <*power_drawn*>W by powered device is exceeding the total available PoE power:<*power_available*>W. Check the PD max power draw, cabling type and length to avoid system crowbar.
Category	Power over Ethernet
Severity	Warning
Description	PoE drawn power is more than available PoE power

Event ID: 7928

Message	Powered device invalid signature indication on interface <*interface_name*>.
Category	Power over Ethernet
Severity	Warning
Description	Powered device invalid signature indication

Event ID: 7929

Message	PoE hardware access daemon exiting
Category	Power over Ethernet
Severity	Information
Description	PoE hardware access daemon exiting

Event ID: 7930

Message	POE proto daemon exiting
Category	Power over Ethernet
Severity	Information
Description	POE proto daemon exiting

Event ID: 7931

Message	Always-on PoE detected a powered device on interface <*interface_name*> and delivered power
Category	Power over Ethernet
Severity	Information
Description	Always-on PoE detected a powered device on interface

Event ID: 7932

Message	Powered device disconnected on interface <*interface_name*> due to LLDP dot3 disable
Category	Power over Ethernet
Severity	Information
Description	Powered device disconnected on interface due to LLDP dot3 disable

Event ID: 7933

Message	Subsystem <*subsys_name*> came up with quick PoE
Category	Power over Ethernet
Severity	Information
Description	Subsystem came up with quick PoE

Event ID: 7934

Message	Quick PoE detected a powered device on interface <*interface_name*> and delivered power
Category	Power over Ethernet
Severity	Information
Description	Quick PoE detected a powered device on interface

Event ID: 7935

Message	Powered device denied on interface <*interface_name*> of line module with Quick PoE

	enabled. Remove device to avoid crowbar on reboot.
Category	Power over Ethernet
Severity	Warning
Description	Powered device denied on interface of line module with Quick PoE enabled.

Event ID: 7936

Message	Powered device demoted on interface <*interface_name*> of line module with Quick PoE enabled. Remove device to avoid crowbar on reboot.
Category	Power over Ethernet
Severity	Warning
Description	Powered device demoted on interface of line module with Quick PoE enabled

Event ID: 7937

Message	PoE disable ignored on interface <*interface_name*> because Quick PoE is enabled
Category	Power over Ethernet
Severity	Warning
Description	PoE disable ignored on interface because Quick PoE is enabled

Event ID: 7938

Message	PoE assigned class configuration is ignored on interface <*interface_name*> because Quick PoE is enabled
Category	Power over Ethernet
Severity	Warning
Description	PoE assigned class configuration is ignored on interface because Quick PoE is enabled

Event ID: 7939

Message	Powered device requested power down on interface <*interface_name*> <*duration*>
Category	Power over Ethernet
Severity	Information
Description	Powered device requested power down on interface.

Event ID: 7940

Message	Powered device disconnected on interface <*interface_name*> due to pd-class-override config change
Category	Power over Ethernet
Severity	Information
Description	Powered device disconnected on interface due to pd-class-override config change

Event ID: 7941

Message	Powered device disconnected on interface <*interface_name*> due to power-pairs config change
Category	Power over Ethernet
Severity	Information
Description	Powered device disconnected on interface due to power-pairs config change

Chapter 111
PTP events

The following are the events related to PTP.

Event ID: 12101

Message	PTP <*type*> <*delay_mechanism*> <*clock_step*> clock started with profile <*profile*> and transport <*transport*>.
Category	PTP
Severity	Info
Description	Event reported when PTP clock is started.

Event ID: 12102

Message	PTP clock stopped. Reason: <*reason*>
Category	PTP
Severity	Info
Description	Event reported when PTP clock is stopped.

Event ID: 12103

Message	Interface <*name*> enabled for PTP exchange.
Category	PTP
Severity	Info
Description	Event reported when PTP port is enabled for tx and rx.

Event ID: 12104

Message	Interface <*name*> disabled for PTP exchange. Reason: <*reason*>
Category	PTP
Severity	Info
Description	Event reported when PTP enabled port is disabled.

Event ID: 12105

Message	PTP clock is in <*state*> state
Category	PTP
Severity	Info
Description	Event reported for different PTP clock state.

Event ID: 12106

Message	Interface {name} is in {state} state{reason}
Category	PTP
Severity	Info
Description	Event reported for different PTP port state.

Event ID: 12107

Message	New GrandSource/Parent is selected: Parent: <*parent*>, GrandSource: <*grandsource*>, Quality: <*quality*>, Priority1: <*priority1*>, Priority2: <*priority2*>
Category	PTP
Severity	Info
Description	Event reported when PTP parent is updated/modified.

Event ID: 12108

Message	PTP operational log_announce_interval is changed to <*value*> on interface <*name*> for profile <*profile*>
Category	PTP
Severity	Info
Description	Event reported when PTP log announce interval is modified.

Event ID: 12109

Message	PTP operational log_min_pdelay_request_interval is changed to <*value*> on interface <*name*> for profile <*profile*>
Category	PTP
Severity	Info
Description	Event reported when PTP log min pdelay request interval is modified.

Event ID: 12110

Message	PTP operational log_min_delay_request_interval is changed to <*value*> on interface <*name*> for profile <*profile*>
Category	PTP
Severity	Info
Description	Event reported when PTP log min delay request interval is modified.

Event ID: 12111

Message	PTP operational sync_request_timeout is changed to <*value*> on interface <*name*> for profile <*profile*>
Category	PTP
Severity	Info
Description	Event reported when PTP sync request timeout is modified.

Event ID: 12112

Message	PTP operational sync_interval is changed to <*value*> on interface <*name*> for profile <*profile*>
Category	PTP
Severity	Info
Description	Event reported when PTP sync interval is modified.

Event ID: 12113

Message	PTP operational announce_request_timeout is changed to <*value*> on interface <*name*> for profile <*profile*>
Category	PTP
Severity	Info
Description	Event reported when PTP announce request timeout is modified.

Event ID: 12114

Message	PTP config invalid. Reason: <*reason*>
Category	PTP
Severity	Info
Description	Event reported if PTP configuration is invalid.

Event ID: 12115

Message	PTP domain modified from <*old*> to <*new*> value
Category	PTP
Severity	Info
Description	Event reported if PTP domain configuration is modified.

Event ID: 12116

Message	PTP vlan modified from <*old*> to <*new*> on port <*port*>
Category	PTP
Severity	Info
Description	Event reported if PTP vlan configuration is modified.

Event ID: 12117

Message	PTP source_ip_interface <*action*>. Port: <*value*>
Category	PTP
Severity	Info
Description	Event reported if PTP source_ip_interface configuration is modified.

Event ID: 12118

Message	PTP source_ip <*action*>. IP: <*value*>
Category	PTP
Severity	Info
Description	Event reported if PTP source_ip configuration is modified.

Event ID: 12119

Message	PTP offset has reached beyond the threshold {low_limit} < {curr_offset} < {high_limit}
Category	PTP
Severity	Warning
Description	Event reported if PTP offset goes beyond the threshold value.

Event ID: 12120

Message	PTP offset has reached below the threshold {low_limit} < {curr_offset} < {high_limit}

Category	PTP
Severity	Warning
Description	Event reported if PTP offset is within the threshold value.

Event ID: 12121

Message	PTP may not work as expected when PTP clock is BC and enabled on MCLAG {int_name}-{lag_name}.
Category	PTP
Severity	Warning
Description	Event reported if PTP clock is BC and PTP enabled on MCLAG.

Event ID: 12122

Message	PTP Unicast and Multicast are both configured. Only Unicast will be honored. If Multicast operation is desired, remove all PTP Unicast configuration.
Category	PTP
Severity	Warning
Description	Event reported if conflicting PTP Unicast and PTP Multicast are both configured.

Event ID: 12123

Message	PTP daemon {action}: {daemon_service_description}.
Category	PTP
Severity	Info
Description	Event reported when a PTP-related daemon has changed its state.

Event ID: 12124

Message	PTP IP-DSCP value for event message modified to {event} on port {port}.
Category	PTP
Severity	Info
Description	Event reported if PTP ip-dscp event message configuration is modified.

Event ID: 12125

Message	PTP IP-DSCP value for general message modified to {general} on port {port}

Category	PTP
Severity	Warning
Description	Event reported if PTP ip-dscp general message configuration is modified.

Event ID: 12126

Message	PTP Port clock source only {action} on {port}
Category	PTP
Severity	Warning
Description	Event reported if PTP clock source only configuration is modified.

Chapter 112
Proxy ARP events

The following are the events related to proxy ARP.

Event ID: 4205

Message	Local proxy ARP enabled for port <*port*> on vrf <*vrf*>
Category	Proxy ARP
Severity	Information
Description	Logs a message when the feature is enabled for a port inside a VRF

Event ID: 4206

Message	Local proxy ARP disabled for port <*port*> on vrf <*vrf*>
Category	Proxy ARP
Severity	Information
Description	Logs a message when the feature is disabled for a port inside a VRF

Event ID: 4207

Message	Failed to enable local proxy ARP for port <*port*> on vrf <*vrf*>
Category	Proxy ARP
Severity	Error
Description	Logs a message when the feature enable fails for a port inside a VRF

Event ID: 4208

Message	Failed to disable local proxy ARP for port <*port*> on vrf <*vrf*>
Category	Proxy ARP
Severity	Error
Description	Logs a message when the feature disable fails for a port inside a VRF

Chapter 113
QoS ASIC Provider events

The following are the events related to quality of service ASIC provider.

Event ID: 5801

Message	QoS failed initial initialization for slot <*local_slot*>. Error: <*error*>
Category	QoS ASIC Provider
Severity	Warning
Description	QoS initial initialization failed

Event ID: 5802

Message	QoS failed final initialization on new slot <*new_slot*> for peer slot <*existing_slot*>
Category	QoS ASIC Provider
Severity	Critical
Description	QoS final initialization failed for new slot

Event ID: 5803

Message	QoS error after card removal from slot <*slot*>
Category	QoS ASIC Provider
Severity	Error
Description	QoS error after card removal

Event ID: 5804

Message	Error during QoS feature configuration: <*error_string*>
Category	QoS ASIC Provider
Severity	Error
Description	Error while attempting QoS feature configuration

Event ID: 5805

Message	Error during QoS HW configuration: <*error_string*> error <*val*>
Category	QoS ASIC Provider
Severity	Error
Description	Error while attempting QoS HW configuration

Event ID: 5806

Message	Port: <*port_name*> PFC priority <*pri*> using queue <*queue*> should not be sharing the queue with other local-priorities
Category	QoS ASIC Provider
Severity	Warning
Description	Warning PFC priority sharing a queue

Event ID: 5807

Message	QoS de-initialization not executed after card removal from slot {slot}
Category	QoS ASIC Provider
Severity	Error
Description	QoS de-initialization not executed after card removal

Chapter 114
Quality of Service events

The following are the events related to quality of service.

Event ID: 5701

Message	QoS failed to retrieve default information. Error: <*error*>
Category	Quality of Service
Severity	Info
Description	QoS failed to retrieve default configuration

Event ID: 5702

Message	QoS error: <*error_string*>
Category	Quality of Service
Severity	Error
Description	QoS error occurred

Event ID: 5703

Message	The PFC configuration for interface <*ifname*> exceeds the system limit of <*limit*> unique combinations and was not applied
Category	Quality of Service
Severity	Warning
Description	Logged when there are more unique combinations of flow controlled priorities than the system allows.

Event ID: 5704

Message	QoS warning: {warning_string}
Category	Quality of Service
Severity	Warning
Description	Logs warning event when threshold-profile is enabled on port and if port other than threshold profile enabled have trust mode as cos or none.

Queue Monitoring events

The following are the events related to queue monitoring (QTP).

Event ID: 16101

Message	HONOR_MODE: Queue Monitoring is operating without a valid feature pack.
Category	QTP
Severity	Info
Description	Log event to indicate that the Queue Monitor feature is operating without a valid feature pack

Event ID: 16102

Message	STRICT_MODE: Queue Monitoring is blocked due to invalid or missing feature pack.
Category	QTP
Severity	Info
Description	Log event to indicate that the Queue Monitoring feature is blocked due to invalid or missing feature pack

Event ID: 16103

Message	
Category	QTP
Severity	Info
Description	ACTIVE_MODE: Queue Monitoring is operating with valid feature pack.

Chapter 115
Rapid per VLAN Spanning Tree Protocol events

The following are the events related to rapid per VLAN spanning tree protocol.

Event ID: 5001

Message	RPVST Enabled
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Info
Description	This log event indicates that RPVST has been enabled on the switch.

Event ID: 5002

Message	RPVST Disabled
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Info
Description	This log event indicates that RPVST has been disabled on the switch.

Event ID: 5003

Message	RPVST - Root changed from <*old_priority*>: <*old_mac*> to <*new_priority*>: <*new_mac*> on VLAN <*vlan*>.
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Info
Description	This log event indicates that RPVST root on a VLAN has changed

Event ID: 5004

Message	Port <*port*> disabled - BPDU received on protected port on VLAN <*vlan*>.
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Warning
Description	This log event informs the user BPDU received on protected port

Event ID: 5005

Message	<*proto*> starved for <*pkt_type*> on port <*port*> from <*priority_mac*> on VLAN <*vlan*>.
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Info
Description	This log event informs the user that the Rx is starved in paticular port

Event ID: 5006

Message	Topology change received on port <*port*> from source: <*mac*> on VLAN <*vlan*>.
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Info
Description	This log event informs the user that the RPVST topology change is received

Event ID: 5007

Message	Topology change generated on port <*port*> on VLAN <*vlan*>.
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Info
Description	This log event informs the user that the RPVST topology change is generated

Event ID: 5008

Message	Port <*port*> blocked on RPVST <*instance*>
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Warning
Description	This log event informs the user that the port is blocked on the instance

Event ID: 5009

Message	Port <*port*> unblocked on RPVST <*instance*>
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Warning
Description	This log event informs the user that the port is unblocked on the instance

Event ID: 5010

Message	Root port changed from <*old_port*> to <*new_port*> on VLAN <*vlan*>.

Category	Rapid per VLAN Spanning Tree Protocol
Severity	Info
Description	This log event informs the user that the root port is changed

Event ID: 5011

Message	PVID mismatch detected on <*interface*> with pvid = <*pvid*>, Neighbor pvid = <*npvid*>' throttle_count: 100
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Info
Description	Log event when the PVID mismatches between the switch and neighbor over an interface

Event ID: 5012

Message	spanning tree mode changed from <*old_mode*> to <*new_mode*>, it will trigger the reconvergence
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Info
Description	This log event informs the user that the spanning tree mode is changed.

Event ID: 5013

Message	Current Virtual Ports <*Current_Virtual_Ports*> exceeds the max supported limit <*Maximum_Virtual_Ports*>
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Info
Description	Log event when the current virtual port count crosses the maximum allowed value

Event ID: 5014

Message	AUTO RPVST Enabled
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Info
Description	RPVST AUTO VLAN is enabled.

Event ID: 5015

Message	AUTO RPVST Disabled

Category	Rapid per VLAN Spanning Tree Protocol
Severity	Info
Description	RPVST AUTO VLAN is disabled.

Event ID: 5016

Message	AUTO RPVST NO-VPORT-LIMIT Enabled
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Info
Description	RPVST AUTO VLAN NO-VPORT-LIMIT is enabled.

Event ID: 5017

Message	AUTO RPVST NO-VPORT-LIMIT Disabled
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Info
Description	RPVST AUTO VLAN NO-VPORT-LIMIT is disabled.

Event ID: 5018

Message	The current virtual port count for RPVST AUTO VLAN has exceeded the maximum supported system limit {lvlan}
Category	Rapid per VLAN Spanning Tree Protocol
Severity	Warning
Description	RPVST AUTO VLAN Instance Creation is limited, Current VPORTs exceed the maximum supported system limit

Chapter 116
RBAC events

The following are the events related to RBAC.

Event ID: 10301

Message	Local authorization has been <*tac_status*>d
Category	RBAC
Severity	Information
Description	Log event when local tac_plus server has been started

Event ID: 10302

Message	Failed to <*tac_status*> local authorization
Category	RBAC
Severity	Error
Description	Log event when local tac_plus server failed to start

Chapter 117
Redundant Management events

The following are the events related to redundant management.

Event ID: 2201

Message	Failover detected: Reason <*reason*>
Category	Redundant Management
Severity	Information
Description	This log event informs that failover event is detected

Event ID: 2202

Message	Lost <*mgmt_module*> as Standby Management Module, redundancy disabled
Category	Redundant Management
Severity	Information
Description	This log event informs that standby mgmt module has been removed

Event ID: 2203

Message	Detected the removal of the Standby Management Module
Category	Redundant Management
Severity	Information
Description	This log event informs that standby mgmt module has been removed

Event ID: 2204

Message	<*mgmt_module*> is Active
Category	Redundant Management
Severity	Information
Description	This log event informs about the status of Active mgmt module

Event ID: 2205

Message	<*mgmt_module*> is Standby
Category	Redundant Management
Severity	Information
Description	This log event informs about the status of Standby mgmt module

Event ID: 2206

Message	Detected <*mgmt_module*> as Standby Management Module, redundancy enabled
Category	Redundant Management
Severity	Information
Description	This log event informs that standby mgmt module is added to the system

Event ID: 2207

Message	Remote Standby Management module recover detected. Reason: Heartbeat loss
Category	Redundant Management
Severity	Information
Description	This log event informs the user that Active mgmt module has detected heartbeat loss

Event ID: 2208

Message	<*mgmt_module*> is waiting for filesync
Category	Redundant Management
Severity	Information
Description	This log event informs the user that filesync is in progress

Event ID: 2209

Message	<*mgmt_module*> is starting ISSU operation
Category	Redundant Management
Severity	Information
Description	This log event informs the user that an ISSU operation has begun

Chapter 118
Replication Manager events

The following are the events related to replication manager.

Event ID: 2701

Message	All bitmaps have been allocated
Category	Replication Manager
Severity	Warning
Description	Log to indicate all bitmaps have been allocated

Event ID: 2702

Message	Over 80 percent of bitmaps have been allocated
Category	Replication Manager
Severity	Warning
Description	Log to indicate over 80 percent of bitmaps have been allocated

Event ID: 2705

Message	Multicast L3 Bridge Control Forwarding entry with uuid <*uuid_str*> has no reference to a VLAN
Category	Replication Manager
Severity	Warning
Description	Log indicates Mutlicast L3 Bridge Control Forwarding entry with uuid has no reference to a VLAN

Chapter 119
REST events

The following are the events related to REST.

Event ID: 4601

Message	Authentication failed for user <*user*> in session <*sessionid*>
Category	REST
Severity	Error
Description	logs a failed authentication attempt of a user via REST

Event ID: 4602

Message	Authentication succeeded for user <*user*> in session <*sessionid*>
Category	REST
Severity	Info
Description	logs a successful authentication attempt of a user via REST

Event ID: 4603

Message	Conflict in authorization configuration. Existing config::URL(<*match*>), type(<*value*>) New config::(<*url*>), type(<*autztype*>)
Category	REST
Severity	Critical
Description	logs an authorization configuration conflict

Event ID: 4606

Message	Authorization failed for user <*user*>, for resource <*resource*>, with action <*action*>
Category	REST
Severity	Error
Description	logs a failed authorization attempt of a user via REST

Event ID: 4607

Message	Authorization succeeded for user <*user*>, for resource <*resource*>, with action <*action*>
Category	REST
Severity	Info
Description	logs a successful authorization attempt of a user via REST

Event ID: 4608

Message	Authorization allowed for user <*user*>, for resource <*resource*>, with action <*action*>
Category	REST
Severity	Info
Description	logs an allowed authorization attempt of a user via REST

Event ID: 4609

Message	User <*user*> added <*added_user*> with role <*added_user_role*>
Category	REST
Severity	Info
Description	logs a successful add of a user via REST

Event ID: 4610

Message	User <*user*> deleted <*deleted_user*>
Category	REST
Severity	Info
Description	logs a successful deletion of a user via REST

Event ID: 4611

Message	User <*user*> successfully changed password
Category	REST
Severity	Info
Description	logs a successful password change for a user via REST

Event ID: 4612

Message	User <*user*> password change failed

Category	REST
Severity	Warning
Description	logs an unsuccessful password change for a user via REST

Event ID: 4613

Message	<*user*> has written a new switch configuration to <*config_name*>
Category	REST
Severity	Info
Description	logs a success config write operation

Event ID: 4614

Message	<*user*> has copied switch configuration <*from_name*> to <*to_name*>
Category	REST
Severity	Info
Description	logs a success copy of saved

Event ID: 4615

Message	<*user*> has configured <*dns_nameserver*> DNS nameserver to <*dns*>
Category	REST
Severity	Info
Description	logs a success when the nameserver is written to ovsdb

Event ID: 4616

Message	<*user*> has deleted all DNS nameservers
Category	REST
Severity	Info
Description	logs a success when the nameserver is deleted from ovsdb

Event ID: 4617

Message	<*user*> created <*uri*>
Category	REST

Severity	Info
Description	A user has successfully created a new resource in OVSDB.

Event ID: 4618

Message	<*user*> deleted <*uri*>
Category	REST
Severity	Info
Description	A user has successfully deleted a resource in OVSDB.

Event ID: 4619

Message	<*user*> modified <*uri*>
Category	REST
Severity	Info
Description	A user has successfully modified a resource in OVSDB.

Event ID: 4620

Message	User: <*user*> added subscriber: <*subscriber*>.
Category	REST
Severity	Info
Description	A user has added new notification subscriber.

Event ID: 4621

Message	User: <*user*> removed subscriber: <*subscriber*>.
Category	REST
Severity	Info
Description	A user has removed notification subscriber.

Event ID: 4622

Message	Subscriber: <*subscriber*> added subscription: <*subscription*>.
Category	REST
Severity	Info
Description	A subscriber has added new subscription.

Event ID: 4623

Message	Subscriber: <*subscriber*> removed subscription: <*subscription*>.
Category	REST
Severity	Info
Description	A subscriber has removed subscription.

Event ID: 4624

Message	Unable to add new subscriber. Max number of subscribers has been reached.
Category	REST
Severity	Warning
Description	Unable to add new subscriber as max number reached.

Event ID: 4625

Message	Unable to add new subscription. Max number of subscriptions for <*subscriber*> has been reached.
Category	REST
Severity	Warning
Description	Unable to add new subscription as max number reached for the specified subscriber.

Event ID: 4626

Message	NAE Script <*name*> has been created by user <*user*>.
Category	REST
Severity	Info
Description	NAE Script has been created successfully.

Event ID: 4627

Message	NAE Script <*name*> has been deleted by user <*user*>.
Category	REST
Severity	Info
Description	NAE Script has been deleted successfully.

Event ID: 4628

Message	NAE Agent <*name*> has been created by user <*user*>.
Category	REST
Severity	Info
Description	NAE Agent has been created successfully.

Event ID: 4629

Message	NAE Agent <*name*> has been updated by user <*user*>.
Category	REST
Severity	Info
Description	NAE Agent has been updated successfully.

Event ID: 4630

Message	NAE Agent <*name*> has been deleted by user <*user*>.
Category	REST
Severity	Info
Description	NAE Agent has been deleted successfully.

Event ID: 4631

Message	Error rebooting switch, reboot command: <*command*>, error received: <*error*>
Category	REST
Severity	Error
Description	Logs an error if a reboot fails.

Event ID: 4632

Message	Connection to HPE Aruba Networking Central on location <*central_location*> on VRF <*vrf*> with Source IP <*source_ip*> has been successfully established.
Category	REST
Severity	Info
Description	Connection is established with HPE Aruba Networking Central.

Event ID: 4633

Message	Connection to HPE Aruba Networking Central on location <*central_location*> on VRF <*vrf*>

	and Source IP <*source_ip*> has been closed by HPE Aruba Networking Central. Requesting new HPE Aruba Networking Central location from CLI/DHCP/Activate.
Category	REST
Severity	Info
Description	Connection to HPE Aruba Networking Central has been closed by HPE Aruba Networking Central. Request to get new location from CLI/DHCP/Activate.

Event ID: 4634

Message	Connection to HPE Aruba Networking Central on location <*central_location*> on VRF <*vrf*> and Source IP <*source_ip*> has been closed by HPE Aruba Networking Central. Trying to reconnect.
Category	REST
Severity	Info
Description	Connection to HPE Aruba Networking Central has been closed by HPE Aruba Networking Central. Trying to reconnect.

Event ID: 4635

Message	Received HPE Aruba Networking Central location <*central_location*> on VRF <*vrf*> with Source IP <*source_ip*>
Category	REST
Severity	Info
Description	Received new HPE Aruba Networking Central location.

Event ID: 4636

Message	Received new HPE Aruba Networking Central location. Closing existing connection with HPE Aruba Networking Central on location <*central_location*> on VRF <*vrf*> with Source IP <*source_ip*>.
Category	REST
Severity	Info
Description	Received new HPE Aruba Networking Central location. Closing existing connection with HPE Aruba Networking Central.

Event ID: 4637

Message	Internal error. Closing connection to HPE Aruba Networking Central on location <*central_location*> on VRF <*vrf*> with Source IP <*source_ip*>.

Category	REST
Severity	Error
Description	Internal error. Closing connection to HPE Aruba Networking Central.

Event ID: 4638

Message	Waiting for HPE Aruba Networking Central location from CLI/DHCP/Activate Server.
Category	REST
Severity	Info
Description	Waiting for HPE Aruba Networking Central location from Central Source (CLI/DHCP/Activate Server).

Event ID: 4639

Message	Connecting to HPE Aruba Networking Central on location <*central_location*> on VRF <*vrf*> with Source IP <*source_ip*>.
Category	REST
Severity	Info
Description	Connecting to HPE Aruba Networking Central.

Event ID: 4640

Message	Failed to connect to HPE Aruba Networking Central on location <*central_location*> on VRF <*vrf*> with Source IP <*source_ip*>
Category	REST
Severity	Error
Description	Failed to connect to HPE Aruba Networking Central.

Event ID: 4641

Message	HPE Aruba Networking Central is disabled.
Category	REST
Severity	Info
Description	The HPE Aruba Networking Central feature is disabled.

Event ID: 4642

Message	HPE Aruba Networking Central is disabled. Closing connection to HPE Aruba Networking

	Central on location <*central_location*> on VRF <*vrf*> with Source IP <*source_ip*>
Category	REST
Severity	Info
Description	The HPE Aruba Networking Central feature is disabled.

Event ID: 4643

Message	HPE Aruba Networking Central is enabled.
Category	REST
Severity	Info
Description	The HPE Aruba Networking Central feature is enabled.

Event ID: 4645

Message	Activate server <*activate_address*> is reachable via VRF <*vrf*>.
Category	REST
Severity	Info
Description	Activate server is reachable via an active VRF.

Event ID: 4646

Message	Activate server <*activate_address*> is not reachable through any supported VRF.
Category	REST
Severity	Info
Description	Activate server is not reachable through any supported VRF.

Event ID: 4647

Message	Switch time is synced with NTP Servers.
Category	REST
Severity	Info
Description	Switch time is synced with NTP Servers.

Event ID: 4648

Message	Switch time is synced with Activate Server <*activate_address*>.

Category	REST
Severity	Info
Description	Switch time is synced with Activate Server.

Event ID: 4649

Message	Unable to sync switch time with Activate Server <*activate_address*> via VRF <*vrf*>.
Category	REST
Severity	Error
Description	Unable to sync switch time with Activate Server.

Event ID: 4650

Message	Unable to fetch HPE Aruba Networking Central location <*central_location*> from <*central_source*> via VRF <*vrf*>.
Category	REST
Severity	Info
Description	Unable to fetch HPE Aruba Networking Central location from Central Source (CLI/DHCP/Activate Server).

Event ID: 4651

Message	HPE Aruba Networking Central location <*central_location*> successfully fetched from <*central_source*> via VRF <*vrf*>
Category	REST
Severity	Info
Description	HPE Aruba Networking Central location successfully fetched from Central Source (CLI/DHCP/Activate Server) via VRF.

Event ID: 4652

Message	Central connected, any config change through rest <*rest_operation*> operation may not be persistent. If Central reapplies the config, change could be overwritten
Category	REST
Severity	Warning
Description	Central connected, any config change through rest may not be persistent, Central can overwrite the change

Event ID: 4653

Message	User <*user*> has configured <*mode*> for configuration lockout
Category	REST
Severity	Info
Description	Logs a message when a user changes the REST configuration lockout mode

Event ID: 4654

Message	HPE Aruba Networking Central support mode is <*mode*> for a vtysh session
Category	REST
Severity	Info
Description	Logs a message when a HPE Aruba Networking Central support mode is enabled or disabled

Event ID: 4655

Message	User <*user_name*> logged in from <*identity*> through REST session
Category	REST
Severity	Info
Description	Logs a message when a user login is successful

Event ID: 4656

Message	User <*user_name*> login from <*identity*> for REST session has failed
Category	REST
Severity	Error
Description	Logs a message when a user login fails

Event ID: 4657

Message	User <*user_name*> logged out of REST session from <*identity*>
Category	REST
Severity	Info
Description	Logs a message when a user logs out of a session

Event ID: 4658

Message	REST session from <*identity*> with User <*user_name*> is rejected because maximum

	session limit is reached
Category	REST
Severity	Warning
Description	Logs a message when a user tries to login while maximum number of sessions are reached

Event ID: 4659

Message	{user_agent} session from {identity} with User {user_name} timed out due to idle timeout
Category	REST
Severity	Info
Description	Logs a message when a REST session timed out due to the session being idle

Event ID: 4660

Message	REST server is enabled on VRF <*vrf_name*>
Category	REST
Severity	Info
Description	Logs a message when the REST server is enabled on a VRF

Event ID: 4661

Message	REST server is disabled on VRF <*vrf_name*>
Category	REST
Severity	Info
Description	Logs a message when the REST server is disabled on a VRF

Event ID: 4662

Message	User {user_name} login from {ip_address} for REST session has failed since the user is trying to login through an interface which is not allowed. Allowed interfaces are: {mgmt_intf}
Category	REST
Severity	Error
Description	Logs a message when a user login fails since the access through this management interface is not allowed.

Event ID: 4663

Message	Starting HTTPS firmware upgrade via: {interface}
Category	REST
Severity	Info
Description	Logs a message when a firmware upgrade is executed from a management interface

Event ID: 4664

Message	REST API and Notifications server is ready to serve requests.
Category	REST
Severity	Info
Description	Logs a message when the REST API and Notifications server is ready to serve requests.

Event ID: 4665

Message	Pagination session created with ID: {page_session_id}
Category	REST
Severity	Info
Description	Logs a message when a pagination session is created.

Event ID: 4666

Message	
Category	REST
Severity	Info
Description	Logs a message when a pagination session is deleted.

Event ID: 4667

Message	Subscription created with ID: {subscription_id} URI: {uri} Interval: {interval}
Category	REST
Severity	Info
Description	Logs a message when a notification subscription is created.

Event ID: 4668

Message	Subscription deleted with ID: {subscription_id} URI: {uri} Interval: {interval}

Category	REST
Severity	Info
Description	Logs a message when a notification subscription is deleted.

Event ID: 466x

Message	
Category	REST
Severity	Info
Description	

Chapter 120
Self Test events

The following are the events related to self test.

Event ID: 4501

Message	Selftest has started on subsystem <*subsystem*>
Category	Self Test
Severity	Information
Description	logs the start of selftest on a particular subsystem

Event ID: 4502

Message	Selftest has completed on subsystem <*subsystem*>
Category	Self Test
Severity	Information
Description	logs the completion of selftest on a particular subsystem

Event ID: 4503

Message	Selftest has failed on subsystem <*subsystem*> with error code <*value*>': yes
Category	Self Test
Severity	Error
Description	logs the selftest failure of a particular subsystem

Event ID: 4504

Message	Selftest has failed on <*stack*>/<*slot*>/<*interface*> with error code <*value*>': yes
Category	Self Test
Severity	Error
Description	logs the port selftest failure on a given subsystem

Chapter 121
Self Test Monitor events

The following are the events related to cryptographic self-test monitor.

Event ID: 16001

Message	The FIPS POST service has reported a self-test failure.
Category	Self Test Monitor
Severity	Emergency
Description	Logs when a failure is reported by the FIPS POST service.

Event ID: 16002

Message	Jitter Entropy has reported a self-test failure.
Category	Self Test Monitor
Severity	Emergency
Description	Logs when a failure is reported by a Jitter Entropy self-test.

Event ID: 16003

Message	The cryptographic self-test monitor has detected a reported test failure. The self-test mode has been configured to fail-secure. The switch will be rebooted.
Category	Self Test Monitor
Severity	Emergency
Description	Logs a fail-secure event from the cryptographic self-test monito

Chapter 122
sFlow events

The following are the events related to sFlow.

Event ID: 1001

Message	Failed to <*operation*> host sFlow agent: <*error*>
Category	sFlow
Severity	Error
Description	Log a failure when trying to start/stop/restart host sFlow daemon.

Event ID: 1002

Message	Failed to <*operation*> host sFlow configuration file <*file*>: <*error*>
Category	sFlow
Severity	Error
Description	Log a failure when trying to read/write to host sFlow configuration file.

Event ID: 1003

Message	Failed to <*operation*> sFlow configuration from bridge <*bridge*>: <*error*>
Category	sFlow
Severity	Error
Description	Log a failure when trying to configure sFlow on SIM OVS.

Event ID: 1004

Message	Failed to delete all iptable rules: <*error*>
Category	sFlow
Severity	Error
Description	Log a failure when trying to delete all iptable rules added for sFlow.

Event ID: 1005

Message	Failed to <*operation*> <*chain*> iptable rules for <*port*>: <*error*>
Category	sFlow
Severity	Error
Description	Log a failure when trying to add/delete an iptable rule for sFlow.

Event ID: 1006

Message	sFlow initialization failed.
Category	sFlow
Severity	Error
Description	Logs an error if sFlow initialization fails.

Event ID: 1007

Message	Invalid packet sent by ASIC in sFlow callback.
Category	sFlow
Severity	Error
Description	Logs an error for an invalid packet in sFlow callback.

Event ID: 1008

Message	Unable to get netdev for interface <*interface*>
Category	sFlow
Severity	Error
Description	Logs an error if an interface does not have a netdev class.

Event ID: 1009

Message	Failed to create KNET filter as description is blank
Category	sFlow
Severity	Error
Description	Logs an error if the descrption to create a filter is blank.

Event ID: 1010

Message	Failed to create KNET filter for: <*desc*>

Category	sFlow
Severity	Error
Description	Logs an error if sFlow KNET filter creation fails.

Event ID: 1011

Message	The received sampled packet is null
Category	sFlow
Severity	Error
Description	Logs an error if sampled packet is null.

Event ID: 1012

Message	The sFlow agent is not initialized
Category	sFlow
Severity	Error
Description	Logs an error if sFlow agent is not initialized.

Event ID: 1013

Message	The sFlow sampler is not initialized
Category	sFlow
Severity	Error
Description	Logs an error if sFlow sampler is not initialized.

Event ID: 1014

Message	Cannot enable/disable sFlow on an invalid port: <*port*>
Category	sFlow
Severity	Error
Description	Logs an error if sFlow is enabled/disabled on an invalid port.

Event ID: 1015

Message	sFlow sampler is not available on port: <*port*>
Category	sFlow

Severity	Error
Description	Logs an error if sFlow sampler is missing on a port.

Event ID: 1016

Message	sFlow receiver is not available
Category	sFlow
Severity	Error
Description	Logs an error if sFlow receiver is not available.

Event ID: 1017

Message	Failed to retrieve port configuration: <*error*>
Category	sFlow
Severity	Error
Description	Logs an error if port configuration is not available.

Event ID: 1018

Message	Failed to set sampling rate on port <*port*>: <*error*>
Category	sFlow
Severity	Error
Description	Logs an error if setting a sampling rate on a port fails.

Event ID: 1019

Message	Failed to get sampling rate on port <*port*>: <*error*>
Category	sFlow
Severity	Error
Description	Logs an error if unable to retrieve sampling rate on a port.

Event ID: 1020

Message	Invalid agent interface IP address: <*ip_address*>
Category	sFlow
Severity	Error
Description	Logs an error in case of invalid agent interface IP address configuration.

Event ID: 1021

Message	Invalid collector IP address: <*ip_address*>
Category	sFlow
Severity	Error
Description	Logs an error in case of invalid collector IP address configuration.

Event ID: 1022

Message	Failed to get interface statistics for unit <*unit*> port <*port*>: <*error*>
Category	sFlow
Severity	Error
Description	Logs an error if unable to retrieve interface statistics.

Event ID: 1023

Message	sFlow agent created.
Category	sFlow
Severity	Information
Description	Logs creation of sFlow agent.

Event ID: 1024

Message	sFlow agent deleted.
Category	sFlow
Severity	Information
Description	Logs deletion of sFlow agent.

Event ID: 1025

Message	Changed sFlow sampling rate from <*old_rate*> to <*new_rate*>.
Category	sFlow
Severity	Information
Description	Logs a change in sFlow sampling rate.

Event ID: 1026

Message	Set sFlow agents header len to <*hdrlen*>.
Category	sFlow
Severity	Information
Description	Logs sFlow agents header length event.

Event ID: 1027

Message	Set sFlow agents IP to <*ip_addr*>.
Category	sFlow
Severity	Information
Description	Logs setting IP address to sFlow agent.

Event ID: 1028

Message	Set max datagram size on sFlow agent to <*dgramsize*>.
Category	sFlow
Severity	Information
Description	Log setting max datagram size on sFlow agent.

Event ID: 1029

Message	Add sFlow poller on <*port_name*> with ifIndex <*ifIndex*> at interval <*intvl*>.
Category	sFlow
Severity	Information
Description	Add sFlow poller on a port.

Event ID: 1030

Message	Remove sFlow poller on <*ifIndex*>.
Category	sFlow
Severity	Information
Description	Delete sFlow poller on a port.

Event ID: 1031

Message	Set polling interval of <*intvl*> on sFlow agent.

Category	sFlow
Severity	Information
Description	Set polling interval for sFlow agent.

Event ID: 1032

Message	sFlow sampling mode set to <*mode*>.
Category	sFlow
Severity	Information
Description	Logs change in sFlow mode.

Chapter 123
SFTP Client events

The following are the events related to SFTP client.

Event ID: 5301

Message	SFTP file transfer from <*from*> to <*to*> completed.
Category	SFTP Client
Severity	Information
Description	SFTP file transfer completed

Event ID: 5302

Message	SFTP file transfer from <*from*> to <*to*> failed - <*status*>.
Category	SFTP Client
Severity	Information
Description	SFTP file transfer failed

Chapter 124
Smartlink events

The following are the events related to smartlink.

Event ID: 11301

Message	Flush message received on <*ifName*> with control VLAN <*id*>
Category	Smartlink
Severity	Information
Description	Event raised when flush message received on interface with control vlan

Event ID: 11302

Message	Active link of the smartlink group <*id*> changed to <*ifName*>
Category	Smartlink
Severity	Information
Description	Event raised when active link changed in the smartlink group

Event ID: 11303

Message	Backup link of the smartlink group <*id*> changed to <*ifName*>
Category	Smartlink
Severity	Information
Description	Event raised when backup link changed in the smartlink group

Chapter 125
SNMP events

The following are the events related to SNMP.

Event ID: 7101

Message	Snmp agent is up and running in namespace <*vrf*>
Category	SNMP
Severity	Information
Description	SNMP agent is enabled.

Event ID: 7102

Message	Snmp sub agent is up and running in namespace <*vrf*>
Category	SNMP
Severity	Information
Description	SNMP sub agent is enabled.

Event ID: 7103

Message	Snmp agent is disabled for namespace <*vrf*>
Category	SNMP
Severity	Information
Description	SNMP agent is disabled.

Event ID: 7104

Message	Snmp sub agent is disabled for namespace <*vrf*>
Category	SNMP
Severity	Information
Description	SNMP sub agent is disabled.

Event ID: 7105

Message	Failed to poll snmp
Category	SNMP
Severity	Information
Description	SNMP poll thread creation failed.

Event ID: 7106

Message	Snmp and credential manager integration failed
Category	SNMP
Severity	Information
Description	SNMP failed to synchronize with credential manager

Event ID: 7107

Message	Snmp system now configured
Category	SNMP
Severity	Information
Description	SNMP system is configured.

Event ID: 7108

Message	Snmp and database Integration has been initialized
Category	SNMP
Severity	Information
Description	Snmp successfully synchronized with database

Event ID: 7109

Message	Successfully initialized all SNMP plugins
Category	SNMP
Severity	Information
Description	SNMP plugins successfully initialized.

Event ID: 7110

Message	Destroyed all SNMP plugins

Category	SNMP
Severity	Information
Description	SNMP plugin successfully deinitialized.

Event ID: 7111

Message	SNMP cache sync on-demand is set to: <*truth_value*>
Category	SNMP
Severity	Information
Description	SNMP on demand idl sync.

Chapter 126
SSH client events

The following are the events related to SSH client.

Event ID: 9001

Message	Connection to SSH server <*ipaddr*> on VRF <*vrf_name*> is established for user <*username*> over port <*port_num*>
Category	SSH client
Severity	Information
Description	SSH client session is successful.

Event ID: 9002

Message	Connection to SSH server <*ipaddr*> on VRF <*vrf_name*> over port <*port_num*> is denied
Category	SSH client
Severity	Error
Description	SSH client session is denied

Event ID: 9003

Message	Connection to SSH server <*ipaddr*> on VRF <*vrf_name*> is succesfully closed for user <*username*> over port <*port_num*>
Category	SSH client
Severity	Information
Description	SSH client session is successful.

Chapter 127
SSH server events

The following are the events related to SSH server.

Event ID: 5201

Message	SSH host-key <*key_name*> is installed.
Category	SSH server
Severity	Info
Description	Logs a message when the SSH host-key generated

Event ID: 5202

Message	SSH server is enabled on VRF <*vrf_name*>.
Category	SSH server
Severity	Info
Description	Logs a message when the SSH server is enabled on a VRF

Event ID: 5203

Message	SSH server is disabled on VRF <*vrf_name*>.
Category	SSH server
Severity	Info
Description	Logs a message when the SSH server is disabled on a VRF

Event ID: 5204

Message	SSH client-public-key <*key_name*> was installed for the user <*username*>.
Category	SSH server
Severity	Info
Description	Logs a message when add ssh client-public-key into authorized_keys file

Event ID: 5205

Message	SSH client-public-key <*key_name*> was removed for the user <*username*>.
Category	SSH server
Severity	Info
Description	Logs a message when delete ssh client-public-key into authorized_keys file

Event ID: 5207

Message	An internal error occurred while reading the SSH host-key <*key_name*>.
Category	SSH server
Severity	Info
Description	Logs a message when the SSH host-key is corrupted

Event ID: 5208

Message	Failed to enable SSH server on VRF <*vrf_name*>. Admin password is not set.
Category	SSH server
Severity	Error
Description	Logs a message when a user tries to enable SSH server without setting admin password

Event ID: 5209

Message	User <*user_name*> logged in from <*ip_address*> through SSH session.
Category	SSH server
Severity	Info
Description	Logs a message when a user login is successful

Event ID: 5210

Message	User {user_name} login from {ip_address} for SSH session failed during password based authentication.
Category	SSH server
Severity	Error
Description	Logs a message when a user login fails

Event ID: 5211

Message	User <*user_name*> logged out of SSH session from <*ip_address*>.
Category	SSH server
Severity	Info
Description	Logs a message when a user logs out of a session

Event ID: 5212

Message	SSH session from <*ip_address*> is rejected because maximum number of SSH sessions is reached.
Category	SSH server
Severity	Warning
Description	Logs a message when a user tries to login while maximum number of sessions are reached.

Event ID: 5213

Message	SSH session from user {user_name} closed because maximum number of sessions per user is reached.
Category	SSH server
Severity	Warning
Description	Logs a message when a user session is closed while maximum number of sessions per user are reached.

Event ID: 5214

Message	SSH session from {ip_address} denied due to host key verification failure.
Category	SSH server
Severity	Warning
Description	Logs a message when a user session is closed due to host key failure.

Event ID: 5215

Message	SSH session from {ip_address} for user {user_name} denied. The allowed user management interfaces are: {mgmt_intf
Category	SSH server
Severity	Error
Description	Logs a message when a user login fails since the access through this management interface is not allowed

Event ID: 5216

Message	SSH session from {ip_address} for user {user_name} rejected due to failed public key validation
Category	SSH server
Severity	Error
Description	Logs a message when a user login fails due to public key failure

Event ID: 5217

Message	SSH server on VRF {vrf_name} is in an error state.
Category	SSH server
Severity	Error
Description	Logs a message when SSH server goes into an error state.

Event ID: 5218

Message	Converting configured SSH server allow-list entry {original_ip} to CIDR format ({new_ip})
Category	SSH server
Severity	Info
Description	Logs a message when SSH server converts an IP address to CIDR format.

Event ID: 5219

Message	Failed to convert configured SSH server allow-list entry {original_ip} to CIDR format, using original address as-is
Category	SSH server
Severity	Error
Description	Logs a message when SSH server fails to convert an IP address to CIDR format.

Event ID: 5220

Message	RADIUS authorize-only request failed for SSH session from {ip_address} for user {user_name}.
Category	SSH server
Severity	Error
Description	Logs a message when SSH connection fails due to authorize-only attempt.

Event ID: 5221

Message	SSH session from {ip_address} denied because username {user_name} not found in authenticating certificate Common Name or User Principal Name fields.
Category	SSH server
Severity	Error
Description	Logs a message when the authenticating username was searched for and not found in the authenticating certificate.

Event ID: 5222

Message	SSH session from {ip_address} for user {user_name} denied by SSH server allow-list
Category	SSH server
Severity	Error
Description	Logs a message when the authenticating IP is denied due to the SSH server allow list.

Event ID: 5223

Message	Logs a message when an empty SSH allow-list has been enabled.
Category	SSH server
Severity	Warning
Description	An empty SSH allow-list has been enabled and all new SSH connections will be denie

Chapter 128
Supportability events

The following are the events related to supportability.

Event ID: 1201

Message	*<process>* crashed due to *<signal>*,*<timestamp>*
Category	Supportability
Severity	Critical
Description	A daemon has crashed and generated core dump

Event ID: 1202

Message	Kernel panic occurred
Category	Supportability
Severity	Error
Description	Logs kernel crash

Event ID: 1203

Message	Kernel failed to compress vmcore. Error log:*<err_desc>*
Category	Supportability
Severity	Error
Description	Logs kernel failed to compress vmcore

Event ID: 1204

Message	Kernel panic occurred and secondary kernel failed to save uncompressed core. Error log:*<err_desc>*
Category	Supportability
Severity	Error
Description	Logs kernel panic occurred and secondary kernel core failed to save uncompressed core

Event ID: 1205

Message	Kernel panic occurred and system is restored back to normal state
Category	Supportability
Severity	Error
Description	Logs kernel panic occurred

Event ID: 1206

Message	Module rebooted. Reason: <*reason*>, Boot-ID: <*boot_id*>
Category	Supportability
Severity	Info
Description	Logs reboot information

Event ID: 1207

Message	Available system memory is back to normal state
Category	Supportability
Severity	Warning
Description	Event raised when available system memory is restored to normal level.

Event ID: 1208

Message	High system memory usage detected. High memory usage daemons are <*daemons*>
Category	Supportability
Severity	Error
Description	Event raised when system memory usage goes beyond high threshold.

Event ID: 1209 (Severity: Emergency)

Message	Available system memory is critically low': yes
Category	Supportability
Severity	Emergency
Description	Event raised when system memory usage crosses critical threshold.

Event ID: 1210

Message	Memory reservation for reboot library failed

Category	Supportability
Severity	Warning
Description	Event raised when memory reservation for reboot library fails.

Event ID: 1211 (Severity: Emergency)

Message	Unable to get current system memory usage
Category	Supportability
Severity	Emergency
Description	Event raised when system memory read is failing.

Event ID: 1212 (Severity: Emergency)

Message	Available system memory is critically low. Reboot will be triggered soon.
Category	Supportability
Severity	Emergency
Description	Available memory is critically low, system will be rebooted.

Event ID: 1213

Message	RMON alarm <*index*> - Rising threshold value of <*threshold*> reached for <*oid*>.
Category	Supportability
Severity	Info
Description	Event raised when the sampled value has reached the rising threshold.

Event ID: 1214

Message	RMON alarm <*index*> - Falling threshold value of <*threshold*> reached for <*oid*>.
Category	Supportability
Severity	Info
Description	Event raised when the sampled value has reached the falling threshold.

Event ID: 1215

Message	<*process*> exiting. Reason: <*reason*>
Category	Supportability

Severity	Error
Description	A process is exiting due to an unrecoverable error

Event ID: 1216 (Severity: Emergency)

Message	<*process*> exiting. Reason: <*reason*>
Category	Supportability
Severity	Emergency
Description	A critical process is exiting due to an unrecoverable error

Event ID: 1217

Message	Coredump(s) are deleted by user
Category	Supportability
Severity	Info
Description	Coredump(s) are deleted by user

Event ID: 1218

Message	Remote logging to <*remote_host*> over <*vrf*> vrf added.
Category	Supportability
Severity	Info
Description	Event raised when a new syslog server is added for remote logging.

Event ID: 1219

Message	Remote logging to <*remote_host*> over <*vrf*> vrf removed.
Category	Supportability
Severity	Info
Description	Event raised when a syslog server is removed from remote logging.

Event ID: 1220

Message	Configuration of remote logging to <*remote_host*> over <*vrf*> vrf modified.
Category	Supportability
Severity	Info
Description	Event raised when an existing syslog server configuration is modified.

Event ID: 1221

Message	Watchdog timeout is increased due to high memory usage
Category	Supportability
Severity	Info
Description	Event raised when available RAM memory goes below the threshold and watchdog timeout is increased.

Event ID: 1222

Message	Watchdog timeout is restored to default value
Category	Supportability
Severity	Info
Description	Event raised when the available RAM memory is restored to normal range and the watchdog timeout is restored to default value.

Event ID: 1223

Message	The <*log_type*> buffer is almost full.': yes
Category	Supportability
Severity	Warning
Description	Event raised the log buffer is almost full. User can copy these logs before the logs being overwritten.

Event ID: 1224

Message	The <*log_type*> buffer has wrapped, older logs will be overwritten.': yes
Category	Supportability
Severity	Warning
Description	Event raised the log buffer has wrapped; older logs will be overwritten.

Event ID: 1225

Message	Collection of support-files named <*name*> of type <*type*> is requested for the module <*module*>.
Category	Supportability
Severity	Info
Description	Event raised when suppuort-files collection is requested.

Event ID: 1226

Message	Support-files named <*name*> is requested for deletion.
Category	Supportability
Severity	Info
Description	Event raised when a requst recived to delete given support-files.

Event ID: 1227

Message	Support-files named <*name*> is deleted.
Category	Supportability
Severity	Info
Description	Event raised when suppuort-files is deleted.

Event ID: 1228

Message	Collection of support-files named <*name*> failed due to <*reason*>.
Category	Supportability
Severity	Error
Description	Event raised when collection support-files failed.

Event ID: 1229

Message	Deletion of support-files named <*name*> failed due to <*reason*>.
Category	Supportability
Severity	Error
Description	Event raised when failed to delete a given support-files.

Event ID: 1230

Message	Collection of support-files named <*name*> is <*state*>.
Category	Supportability
Severity	Info
Description	Event raised when collection of support-files state changes.

Event ID: 1231

Message	Syslog client restarted due to configuration change.
Category	Supportability
Severity	Info
Description	Event raised when remote syslog is restarted due to configuration change.

Event ID: 1232

Message	The security log buffer is cleared
Category	Supportability
Severity	Info
Description	Event raised as the security log buffer is cleared

Event ID: 1233

Message	Starting System Logging Service.
Category	Supportability
Severity	Info
Description	Event raised when remote syslog is starting

Event ID: 1234

Message	Started System Logging Service.
Category	Supportability
Severity	Info
Description	Event raised when remote syslog is started

Event ID: 1235

Message	Switch boot count is : {boot_count_status}
Category	Supportability
Severity	Info
Description	Logs reboot count information

SynchE events

The following are the events related to synchE.

Event ID: 16201

Message	SyncE is globally enabled.
Category	SynchE
Severity	Info
Description	Event reported when SyncE is globally enabled.

Event ID: 16202

Message	SyncE is globally disabled.
Category	SynchE
Severity	Info
Description	Event reported when SyncE is globally disabled.

Event ID: 16203

Message	SyncE network option is set to {option}.
Category	SynchE
Severity	Info
Description	Event reported when SyncE network option is set.

Event ID: 16204

Message	SyncE hold off time is set to {value}.
Category	SynchE
Severity	Info
Description	Event reported when SyncE hold off time is set.

Event ID: 16205

Message	SyncE wait to restore time is set to {value}.
Category	SynchE
Severity	Info
Description	Event reported when SyncE wait to restore is set.

Event ID: 16206

Message	SyncE quality mode is disabled.
Category	SynchE

Severity	Info
Description	Event reported when SyncE quality mode is disabled.

Event ID: 16207

Message	SyncE quality mode is enabled.
Category	SynchE
Severity	Info
Description	Event reported when SyncE quality mode is enabled.

Event ID: 16208

Message	ESMC is enabled on port {name}.
Category	SynchE
Severity	Info
Description	Event reported when ESMC is enabled on a port.

Event ID: 16209

Message	ESMC is disabled on port {name}.
Category	SynchE
Severity	Info
Description	Event reported when ESMC is disabled on a port.

Event ID: 16210

Message	SyncE priority on port {name} is set to {value}.
Category	SynchE
Severity	Info
Description	Event reported when SyncE priority is set on a port.

Event ID: 16211

Message	SyncE priority {value} is not unique.
Category	SynchE
Severity	ERR
Description	Event reported when SyncE priority being set is not unique.

Event ID: 16212

Message	SyncE initial quality level on port {name} is set to {quality}.
Category	SynchE
Severity	Info
Description	Event reported when SyncE initial quality level is set on a port.

Event ID: 16213

Message	SyncE initial quality level {quality} is not valid for network option {option}.
Category	SynchE
Severity	ERR
Description	Event reported when the initial quality level for SyncE that is set on a port is not valid for the network option configured.

Event ID: 16214

Message	SyncE transmit-only is set on port {name}.
Category	SynchE
Severity	ERR
Description	Event reported when SyncE transmit only is set on a port.

Event ID: 16215

Message	Port {name} is selected as SyncE primary port.
Category	SynchE
Severity	Info
Description	Event reported when SyncE primary port is selected.

Event ID: 16216

Message	Port {name} is selected as SyncE secondary port.
Category	SynchE
Severity	Info
Description	Event reported when SyncE secondary port is selected.

Event ID: 16217

Message	SyncE Port {name} has not received any ESMC packets for {timeout} seconds.
Category	SynchE
Severity	WARN
Description	Event reported when SyncE Port ESMC message is not received during the timeout window.

Event ID: 16218

Message	SyncE Port {name} status has changed, state {state}, QL {quality}.
Category	SynchE
Severity	Info
Description	Event reported when SyncE Port status changes.

Event ID: 16219

Message	SyncE DPLL clock state has changed to {dpll_state}.
Category	SynchE
Severity	Info
Description	Event reported when SyncE DPLL clock status changes.

Event ID: 16220

Message	SyncE not enabled on port {name} - a unique priority must be configured when ESMC is enabled.
Category	SynchE
Severity	ERR
Description	Event reported when SyncE priority port is not set and ESMC is enabled.

Chapter 129
SYS events

The following are the events related to SYS.

Event ID: 701

Message	Failed to read FRU data from base system
Category	SYS
Severity	Info
Description	Log when failed to read FRU data from base system

Event ID: 702

Message	Failed to read FRU header
Category	SYS
Severity	Info
Description	Log when failed to read FRU header

Event ID: 703

Message	Error reading FRU EEPROM Header
Category	SYS
Severity	Info
Description	log when FRU EEPROM Header failed

Event ID: 704

Message	Failed to intialize devices
Category	SYS
Severity	Info
Description	Log when failed to intialize devices

Event ID: 705

Message	Failed to allocate memory for <*value*>
Category	SYS
Severity	Info
Description	Log when failed to allocate memory

Event ID: 706

Message	Initiating system reboot
Category	SYS
Severity	Info
Description	Indicates that the chassis is about to reboot.

Event ID: 707

Message	Initiating chassis thermal reboot
Category	SYS
Severity	Error
Description	Indicates that the chassis experienced a thermal event and will reboot

Event ID: 708

Message	Invalid Device Version Programmed. Please check MFG data programmed on the device.
Category	SYS
Severity	Error
Description	Indicates invalid device version is programmed on the device

Event ID: 709

Message	Failed to read assembly revision
Category	SYS
Severity	Error
Description	Indicates device has failed to read assembly revision that is programmed

Event ID: 710

Message	The system has entered the recovery console

Category	SYS
Severity	Info
Description	Indicates that the system has entered the recovery console

Event ID: 711

Message	Detected DDR errors during uboot BIST, module {module} reported {error_sbe}
Category	SYS
Severity	Info
Description	ndicates that the system has detected DDR errors during uboot BIST

Chapter 130
SYSMON events

The following are the events related to SYSMON.

Event ID: 6301

Message	System resource utilization poll interval is changed to <*poll*>' throttle_count: 40
Category	SYSMON
Severity	Information
Description	System resource utilization poll change event

Event ID: 6302

Message	Failed to read system memory usage for module <*module_num*>
Category	SYSMON
Severity	Warning
Description	Warns a user when system memory usage read failed

Event ID: 6303

Message	Current system memory usage for module <*module_num*> is <*mem_usage*>%
Category	SYSMON
Severity	Information
Description	Reports current system memory usage in percentage

Event ID: 6304

Message	Storage utilization for <*partition_name*> partition is at <*utilization*>% in module <*module_name*>': yes
Category	SYSMON
Severity	Warning
Description	Warns a user when the storage utilization has exceeded the warning limit.

Event ID: 6305

Message	Storage <*partition_name*> partition high utilization alert. Utilization is at <*utilization*>% in module <*module_name*>': yes
Category	SYSMON
Severity	Error
Description	Raises high storage utilization alert when the utilization crosses higher utilization limit.

Event ID: 6306

Message	Excessive write to <*partition_name*> partition in module <*module_name*> observed. <*mem_usage*>GB written over past <*unit_count*> <*unit*>': yes
Category	SYSMON
Severity	Warning
Description	Warns a user when higher write to the storage observed

Event ID: 6307

Message	Excessive write to swap in module <*module_name*> observed. <*mem_usage*>GB written over past <*unit_count*> <*unit*>': yes
Category	SYSMON
Severity	Warning
Description	Warns a user when higher write to the swap observed.

Event ID: 6308

Message	Excessive write to <*partition_name*> partition in module <*module_name*> observed. <*mem_usage*>GB written over past <*unit_count*> <*unit*>': yes
Category	SYSMON
Severity	Error
Description	Warns a user when excessive write to the storage observed

Event ID: 6309

Message	Excessive write to swap in module <*module_name*> observed. <*mem_usage*>GB written over past <*unit_count*> <*unit*>': yes
Category	SYSMON
Severity	Error
Description	Warns a user when excessive write to the swap observed.

Chapter 131
TCAM events

The following are the events related to TCAM.

Event ID: 10201

Message	"Policer installation has failed"
Category	TCAM
Severity	Error
Description	Policer installation failure

Event ID: 10202

Message	"TCAM entry installation has failed in table <*table_name*>"
Category	TCAM
Severity	Error
Description	TCAM entry installation failure

Event ID: 10203

Message	"Installation of TCAM table <*table_name*> has failed"
Category	TCAM
Severity	Error
Description	TCAM table installation failure

Event ID: 10204

Message	"High-capacity TCAM/LPM entry installation failed in table <*table_name*>"
Category	TCAM
Severity	Error
Description	High-capacity TCAM/LPM entry installation failure

Event ID: 10205

Message	"High-capacity TCAM/LPM table <*table_name*> installation failed"
Category	TCAM
Severity	Error
Description	High-capacity TCAM/LPM table installation failure

Event ID: 10206

Message	"Counter installation has failed"
Category	TCAM
Severity	Error
Description	TCAM Counter installation failure

Event ID: 10207

Message	"Range Checker installation has failed"
Category	TCAM
Severity	Error
Description	TCAM Range Checker installation failure

Event ID: 10208

Message	"Policer uninstallation has failed"
Category	TCAM
Severity	Error
Description	Policer uninstallation failure

Event ID: 10209

Message	"TCAM entry uninstallation has failed in table <*table_name*>"
Category	TCAM
Severity	Error
Description	TCAM entry uninstallation failure

Event ID: 10210

Message	"High-capacity TCAM/LPM entry uninstallation failed in table <*table_name*>"

Category	TCAM
Severity	Error
Description	High-capacity TCAM/LPM entry uninstallation failure

Event ID: 10211

Message	"High-capacity TCAM/LPM table uninstallation failed"
Category	TCAM
Severity	Error
Description	High-capacity TCAM/LPM table uninstallation failure

Event ID: 10212

Message	"Counter uninstallation has failed"
Category	TCAM
Severity	Error
Description	TCAM Counter uninstallation failure

Event ID: 10213

Message	"Range Checker uninstallation has failed"
Category	TCAM
Severity	Error
Description	TCAM Range Checker uninstallation failure

Event ID: 10214

Message	"TCAM Context Group selectors have been exhausted"
Category	TCAM
Severity	Error
Description	TCAM Context Group selectors have been exhausted

Event ID: 10215

Message	"TCAM Context Group IDs have been exhausted"
Category	TCAM

Severity	Error
Description	TCAM Context Group IDs have been exhausted

TCAM events

The following are the events related to TCAM.

Event ID: 10201

Message	"Policer installation has failed"
Category	TCAM
Severity	Error
Description	Policer installation failure

Event ID: 10202

Message	"TCAM entry installation has failed in table <*table_name*>"
Category	TCAM
Severity	Error
Description	TCAM entry installation failure

Event ID: 10203

Message	"Installation of TCAM table <*table_name*> has failed"
Category	TCAM
Severity	Error
Description	TCAM table installation failure

Event ID: 10204

Message	"High-capacity TCAM/LPM entry installation failed in table <*table_name*>"
Category	TCAM
Severity	Error
Description	High-capacity TCAM/LPM entry installation failure

Event ID: 10205

Message	"High-capacity TCAM/LPM table <*table_name*> installation failed"

Category	TCAM
Severity	Error
Description	High-capacity TCAM/LPM table installation failure

Event ID: 10206

Message	"Counter installation has failed"
Category	TCAM
Severity	Error
Description	TCAM Counter installation failure

Event ID: 10207

Message	"Range Checker installation has failed"
Category	TCAM
Severity	Error
Description	TCAM Range Checker installation failure

Event ID: 10208

Message	"Policer uninstallation has failed"
Category	TCAM
Severity	Error
Description	Policer uninstallation failure

Event ID: 10209

Message	"TCAM entry uninstallation has failed in table <*table_name*>"
Category	TCAM
Severity	Error
Description	TCAM entry uninstallation failure

Event ID: 10210

Message	"High-capacity TCAM/LPM entry uninstallation failed in table <*table_name*>"
Category	TCAM

Severity	Error
Description	High-capacity TCAM/LPM entry uninstallation failure

Event ID: 10211

Message	"High-capacity TCAM/LPM table uninstallation failed"
Category	TCAM
Severity	Error
Description	High-capacity TCAM/LPM table uninstallation failure

Event ID: 10212

Message	"Counter uninstallation has failed"
Category	TCAM
Severity	Error
Description	TCAM Counter uninstallation failure

Event ID: 10213

Message	"Range Checker uninstallation has failed"
Category	TCAM
Severity	Error
Description	TCAM Range Checker uninstallation failure

Event ID: 10214

Message	"TCAM Context Group selectors have been exhausted"
Category	TCAM
Severity	Error
Description	TCAM Context Group selectors have been exhausted

Event ID: 10215

Message	"TCAM Context Group IDs have been exhausted"
Category	TCAM
Severity	Error
Description	TCAM Context Group IDs have been exhausted

Event ID: 10216

Message	Policer resources have been exhausted.
Category	TCAM
Severity	Error
Description	Policer resources have been exhausted.

Event ID: 10217

Message	TCAM entries have been exhausted.
Category	TCAM
Severity	Error
Description	TCAM entries have been exhausted.

Event ID: 10218

Message	TCAM tables have been exhausted.
Category	TCAM
Severity	Error
Description	TCAM tables have been exhausted.

Event ID: 10219

Message	TCAM ranges have been exhausted.
Category	TCAM
Severity	Error
Description	TCAM ranges have been exhausted.

Event ID: 10220

Message	TCAM counters have been exhausted.
Category	TCAM
Severity	Error
Description	TCAM counters have been exhausted.

Chapter 132
Telnet server events

The following are the events related to telnet server.

Event ID: 12901

Message	TELNET server is enabled on VRF <*vrf_name*>.
Category	Telnet server
Severity	Info
Description	Logs a message when the Telnet server is enabled on a VRF

Event ID: 12902

Message	TELNET server is disabled on VRF <*vrf_name*>.
Category	Telnet server
Severity	Info
Description	Logs a message when the Telnet server is disabled on a VRF

Event ID: 12903

Message	Failed to enable Telnet server on VRF <*vrf_name*>. Admin password is not set.
Category	Telnet server
Severity	Error
Description	Logs a message when a user tries to enable Telnet server without setting admin password

Event ID: 12904

Message	User <*user_name*> logged in from <*ip_address*> through TELNET session.
Category	Telnet server
Severity	Info
Description	Logs a message when a user login is successful

Event ID: 12905

Message	User <*user_name*> login from <*ip_address*> for TELNET session has failed.
Category	Telnet server
Severity	Error
Description	Logs a message when a user login fails

Event ID: 12906

Message	User <*user_name*> logged out of TELNET session from <*ip_address*>.
Category	Telnet server
Severity	Info
Description	Logs a message when a user logs out of a session

Event ID: 12907

Message	TELNET session from <*ip_address*> is rejected because maximum number of TELNET sessions is reached.
Category	Telnet server
Severity	Warning
Description	Logs a message when a user tries to login while maximum number of sessions are reached.

Event ID: 12908

Message	TELNET session from User <*user_name*> is closed because maximum number of sessions per user is reached.
Category	Telnet server
Severity	Warning
Description	Logs a message when a user session is closed when maximum number of sessions per user are reached.

Event ID: 12908

Message	User {user_name} login from {ip_address} for TELNET session has failed since the user is trying to login through an interface which is not allowed. Allowed interfaces are: {mgmt_intf}
Category	Telnet server
Severity	Error
Description	Logs a message when a user login fails since the access through this management interface is not allowed

Chapter 133
Temperature events

The following are the events related to temperature.

Event ID: 801

Message	Unrecognized sensor type <*type*>
Category	Temperature
Severity	Warning
Description	Log event when sensor type is unrecognized

Event ID: 802

Message	Module <*module*> shutdown initiated for sensor <*name*> with critical temperature, <*temp*> degC.': yes
Category	Temperature
Severity	Warning
Description	Log event when sensor temperature is above the critical threshold

Event ID: 803

Message	Over-temperature for sensor <*name*>, <*temp*> degC.': yes
Category	Temperature
Severity	Warning
Description	Log event when sensor temperature is above the over-temperature threshold

Event ID: 804

Message	Sensor <*name*> back to safe temperature, <*temp*> degC.
Category	Temperature
Severity	Information
Description	Log event when a sensor returns to safe operating conditions

Event ID: 805

Message	System derate changed from <*old*> to <*new*>
Category	Temperature
Severity	Information
Description	Log when the system derate changes.

Event ID: 806

Message	Ambient temperature for sensor <*name*> above <*temp*> degC
Category	Temperature
Severity	Warning
Description	Log when ambient temperature is above the ambient temperature limits.

Event ID: 807

Message	Ambient temperature for sensor <*name*> back to safe temperature, between <*t_low*> and <*t_high*> degC
Category	Temperature
Severity	Information
Description	Log when ambient temperature returns to safe operating conditions.

Event ID: 808

Message	Sensor <*name*> <*limit_type*> limit configuration <*status*>
Category	Temperature
Severity	Information
Description	Log failures in configuring sensor temperature warning/critical limits.

Event ID: 809

Message	Ambient temperature <*temp*> degC is above the commercial grade transceiver limit of <*limit_high*> degC
Category	Temperature
Severity	Warning
Description	Log when ambient temperature is above commercial grade transceiver upper limit when non-industrial transceivers are installed.

Event ID: 810

Message	Ambient temperature <*temp*> degC is below the commercial grade transceiver range of <*limit_low*> degC
Category	Temperature
Severity	Warning
Description	Log when ambient temperature is below commercial grade transceiver lower limit when non-industrial transceivers are installed.

Event ID: 811

Message	Ambient temperature <*temp*> degC returned to within the commercial grade transceiver range of <*limit_low*>-<*limit_high*> degC
Category	Temperature
Severity	Information
Description	Log when ambient temperature returns to commercial grade transceiver range when non-industrial transceivers are installed.

Event ID: 812

Message	Ambient temperature for sensor <*name*> below <*temp*> degC
Category	Temperature
Severity	Warning
Description	Log when ambient temperature is below the ambient temperature limits.

Event ID: 813

Message	Under-temperature for sensor <*name*>, <*temp*> degC.': yes
Category	Temperature
Severity	Warning
Description	Log event when sensor temperature is below the under-temperature threshold

Event ID: 814

Message	Module <*module*> shutdown initiated for sensor <*name*> with low critical temperature, <*temp*> degC.': yes
Category	Temperature
Severity	Warning
Description	Log event when sensor temperature is below the low critical threshold

Chapter 134
Time management events

The following are the events related to time management.

Event ID: 6201

Message	System timezone changed from <*oldtz*> to <*newtz*>
Category	Time management
Severity	Information
Description	Change the system timezone

Event ID: 6202

Message	System date/time changed from <*old_time*> to <*new_time*>
Category	Time management
Severity	Information
Description	Change the system date/time

Chapter 135
TPM events

The following are the events related to the TPM Daemon.

Event ID: 13601

Message	TPM_Sign requested by {process_name} was successful
Category	TPM Daemon
Severity	Info
Description	Indicates a TPM_Sign operation was successfully executed

Event ID: 13602

Message	TPM_Sign requested by {process_name} failed with code {reason}
Category	TPM Daemon
Severity	Error
Description	Indicates a TPM_Sign operation failed

Event ID: 13603

Message	TPM selftest errors occurred on the current boot
Category	TPM Daemon
Severity	Error
Description	Indicates a TPM selftest error occurred on the current boot

Event ID: 13604

Message	Rebooted {reboot_num} times to retry TPM selftests
Category	TPM Daemon
Severity	Error
Description	Indicates the system was rebooted some number of time to recovery from a TPM selftest error

Chapter 136
Traffic Insight events

The following are the events related to Traffic Insight.

Event ID: 14001

Message	Instance {instance_name} created
Category	Traffic Insight
Severity	Info
Description	Event indicates new traffic insight instance is created.

Event ID: 14002

Message	Instance {instance_name} deleted
Category	Traffic Insight
Severity	Info
Description	Event indicates traffic insight instance is deleted.

Event ID: 14003

Message	Top-N flows running-statistics cleared for the monitor {monitor_name} and instance {instance_name}
Category	Traffic Insight
Severity	Info
Description	Flow running-statistics timeout expired.

Event ID: 14004

Message	Top-N flows aggregate-statistics cleared for the monitor {monitor_name} and instance {instance_name}
Category	Traffic Insight
Severity	Info
Description	Flow aggregate-statistics timeout expired.

Event ID: 14005

Message	Traffic Insight instance {instance_name} enabled
Category	Traffic Insight
Severity	Info
Description	Event indicates traffic insight instance is enabled.

Event ID: 14006

Message	Traffic Insight instance {instance_name} disabled
Category	Traffic Insight
Severity	Info
Description	Event indicates traffic insight instance is disabled.

Event ID: 14007

Message	Ignoring the flow for monitor {monitor_name} instance {instance_name}, maximum application flow cache limit reached
Category	Traffic Insight
Severity	Info
Description	Event indicates maximum application flow cache limit reached for a traffic insight instance.

Event ID: 14008

Message	DNS Average Latency statistics cache cleared for the monitor {monitor_name} and instance {instance_name}
Category	Traffic Insight
Severity	Info
Description	Event indicates DNS average latency statistics cache gets cleared after the timeout.

Event ID: 14009

Message	14009
Category	Traffic Insight
Severity	Info
Description	Event indicates maximum flow count reached for raw-flows flow monitor for a traffic insight instance.

Chapter 137
Transceiver events

The following are the events related to transceiver.

Event ID: 3801

Message	allow-unsupported-transceiver feature enabled
Category	Transceiver
Severity	Info
Description	Event raised when unsupported transceiver mode is enabled

Event ID: 3802

Message	allow-unsupported-transceiver feature disabled
Category	Transceiver
Severity	Info
Description	Event raised when unsupported transceiver mode is disabled

Event ID: 3803

Message	allow-unsupported-transceiver feature enabled: Unsupported transceivers found in: <*list*>
Category	Transceiver
Severity	Info
Description	Event raised to list unsupported transceivers in unsupported transceiver mode

Event ID: 3804

Message	Transceiver hot-swap insert for interface <*interface*>
Category	Transceiver
Severity	Info
Description	Event raised to indicate transceiver hotswap insertion

Event ID: 3805

Message	Transceiver hot-swap remove for interface <*interface*>
Category	Transceiver
Severity	Info
Description	Event raised to indicate transceiver hotswap removal

Event ID: 3806

Message	Interface <*interface*> transceiver attempted link recovery <*count*> times' throttle_count: 100
Category	Transceiver
Severity	Warning
Description	Event raised to indicate transceiver link recovery attempts

Event ID: 3807

Message	<*path*>
Category	Transceiver
Severity	Info
Description	Event raised to indicate detection path of unsupported transceivers

Event ID: 3808

Message	Transceiver <*xcvr_desc*> inserted in <*interface*> is <*status*>. <*reason*>
Category	Transceiver
Severity	Info
Description	Event raised to indicate status of transceivers that are allowed to be operational and its reason

Event ID: 3809

Message	Transceiver <*xcvr_desc*> inserted in <*interface*> is <*status*>. <*reason*>
Category	Transceiver
Severity	Warning
Description	Event raised to indicate status of transceivers that are not allowed to be operational and its reason

Event ID: 3810

Message	Unknown transceiver inserted in interface <*interface*>
Category	Transceiver
Severity	Warning
Description	Event raised to indicate an unknown transceiver was inserted

Event ID: 3811

Message	Transceiver in <*interface*> is incompatible with the interface group speed
Category	Transceiver
Severity	Warning
Description	Event raised to indicate a transceiver was inserted in a port that is a member of a group configured to operate at a different speed

Event ID: 3812

Message	Adapter <*adapter_desc*> inserted in <*interface*> is <*status*>. <*reason*>
Category	Transceiver
Severity	Info
Description	Event raised to indicate status of adapters that are allowed to be operational and its reason

Event ID: 3813

Message	Adapter <*adapter_desc*> inserted in <*interface*> is <*status*>. <*reason*>
Category	Transceiver
Severity	Warning
Description	Event raised to indicate status of adapters that are not allowed to be operational and its reason

Event ID: 3814

Message	Interface {interface} transceiver disabled - {disabled_reason}
Category	Transceiver
Severity	Warning
Description	Logged when the transceiver inserted in the interface is disabled

Event ID: 3815

Message	Interface {interface} transceiver enabled
Category	Transceiver
Severity	Info
Description	Logged when a previously disabled transceiver is enabled

Chapter 138
UDLD events

The following are the events related to UDLD.

Event ID: 4101

Message	UDLD is enabled on interface: <*intf*>
Category	UDLD
Severity	Info
Description	Event raised when UDLD is enabled

Event ID: 4102

Message	UDLD is disabled on interface: <*intf*>
Category	UDLD
Severity	Info
Description	Event raised when UDLD is disabled

Event ID: 4103

Message	UDLD interface <*intf*> is unblocked
Category	UDLD
Severity	Info
Description	Event raised when UDLD sets the interface as unblocked

Event ID: 4104

Message	UDLD interface <*intf*> is blocked
Category	UDLD
Severity	Error
Description	Event raised when UDLD sets the interface as blocked

Event ID: 4105

Message	UDLD interface <*intf*> is undetermined
Category	UDLD
Severity	Error
Description	Event raised when UDLD moves from bidirectional state to undetermined (RFC5171 mode only)

Event ID: 4106

Message	UDLD interface <*intf*> interval <*intvl_a*> clamped to <*intvl_b*>
Category	UDLD
Severity	Warning
Description	Logs a warning when UDLD clamps the interval when operating in RFC5171 mode

Event ID: 4107

Message	UDLD link is enabled on interface: <*intf*>
Category	UDLD
Severity	Info
Description	Event raised when UDLD link is enabled

Event ID: 4108

Message	UDLD link is disabled on interface: <*intf*>
Category	UDLD
Severity	Info
Description	Event raised when UDLD link is disabled

Event ID: 4109

Message	UDLD interface <*intf*> is error-disabled
Category	UDLD
Severity	Error
Description	Event raised when UDLD substate of the interface as err_disabled

Chapter 139
UDP Broadcast Forwarder events

The following are the events related to UDP Broadcast Forwarder.

Event ID: 3601

Message	UDP Broadcast Forwarder Enabled
Category	UDP Broadcast Forwarder
Severity	Information
Description	This command enables the UDP Broadcast Forwarder feature in the device.

Event ID: 3602

Message	UDP Broadcast Forwarder Disabled
Category	UDP Broadcast Forwarder
Severity	Information
Description	This command disables the UDP Broadcast Forwarder feature in the device.

Chapter 140
UFD events

The following are the events related to UFD.

Event ID: 12001

Message	Uplink Failure Detection session-id <*id*>, state changed from <*from_state*> to <*to_state*>.
Category	UFD
Severity	Critical
Description	Event reported when Links-to-Disable go down.

Event ID: 12002

Message	Uplink Failure Detection session-id <*id*>, state changed from <*from_state*> to <*to_state*>.
Category	UFD
Severity	Information
Description	Event reported when Links-to-Disable ports are restored.

Chapter 141
User management events

The following are the events related to user management.

Event ID: 4701

Message	User <*user*> added <*added_user*> with role <*user_role*>
Category	User management
Severity	Info
Description	Logs a message when a new user is added to the switch

Event ID: 4702

Message	User <*user*> deleted <*deleted_user*> with role <*user_role*>
Category	User management
Severity	Info
Description	Logs a message when a user is deleted from the switch

Event ID: 4703

Message	User <*username*> successfully changed password
Category	User management
Severity	Info
Description	Logs a message when a user changes his/her password

Event ID: 4704

Message	User <*username*> password change failed
Category	User management
Severity	Error
Description	Logs a message when a user fails to change his/her password

Event ID: 4705

Message	User <*username*> set export password
Category	User management
Severity	Info
Description	Logs a message when a user sets export password

Event ID: 4706

Message	User <*username*> restored default export password
Category	User management
Severity	Info
Description	Logs a message when a user restores default export password

Event ID: 4707

Message	Logs a message when a user is locked out
Category	User management
Severity	Info
Description	User {username} locked out from session {session}

Chapter 142
User-based tunnels events

The following are the events related to user-based tunnels.

Event ID: 9701

Message	Tunnel Node Server SAC (<*sac_ip*>) is selected as (<*state*>)
Category	User-based tunnels
Severity	Info
Description	Event raised when controller is selected as Active/Standby

Event ID: 9702

Message	Tunnel Node Server Heartbeat has failed for SAC (<*sac_ip*>)
Category	User-based tunnels
Severity	Error
Description	Event raised when heartbeat not received from a SAC

Event ID: 9703

Message	Tunnel Node Server keepalive has failed for UAC (<*uac_ip*>)
Category	User-based tunnels
Severity	Error
Description	Event raised when keepalive not received from a UAC

Event ID: 9704

Message	Tunnel Node Server SAC bootstrapping has reinitialized to (<*sac_ip*>)
Category	User-based tunnels
Severity	Info
Description	Event raised when SAC bootstapping to a SAC is re-initialized

Event ID: 9705

Message	Tunnel Node Server PAPI key has mismatched
Category	User-based tunnels
Severity	Error
Description	Event raised when papi msg key sent and received is different ({key_id})

Event ID: 9706

Message	Tunnel Node Server UAC node is down (<*uac_ip*>)
Category	User-based tunnels
Severity	Critical
Description	Event raised when UAC node is down

Event ID: 9707

Message	Tunnel is Created - Gre Key (<*gre_key*>) VRF (<*vrf*>) Source IP (<*src_ip*>) Destination IP (<*dst_ip*>)
Category	User-based tunnels
Severity	Info
Description	Event raised when user based tunnel is created

Event ID: 9708

Message	Tunnel Creation has Failed - Gre Key (<*gre_key*>) VRF (<*vrf*>) Source IP (<*src_ip*>) Destination IP (<*dst_ip*>)
Category	User-based tunnels
Severity	Error
Description	Event raised when user based tunnel creation fails

Event ID: 9709

Message	Tunnel is Deleted - Tunnel Id (<*tunnel_id*>)
Category	User-based tunnels
Severity	Info
Description	Event raised when user based tunnel is deleted

Event ID: 9710

Message	Tunnel Deletion has Failed - Tunnel Id (<*tunnel_id*>)
Category	User-based tunnels
Severity	Error
Description	Event raised when user based tunnel deletion fails

Event ID: 9711

Message	Tunnel is UP - Tunnel Id (<*tunnel_id*>) Gre Key (<*gre_key*>) Source IP (<*src_ip*>) Destination IP (<*dst_ip*>)
Category	User-based tunnels
Severity	Info
Description	Event raised when user based tunnel state is up

Event ID: 9712

Message	Tunnel is DOWN - Tunnel Id (<*tunnel_id*>) Gre Key (<*gre_key*>) Source IP (<*src_ip*>) Destination IP (<*dst_ip*>)
Category	User-based tunnels
Severity	Error
Description	Event raised when user based tunnel state is down

Event ID: 9713

Message	Client (<*client_mac*>) is bound to tunnel id (<*tunnel_id*>)
Category	User-based tunnels
Severity	Info
Description	Event raised when user is gets binded to tunnel

Event ID: 9714

Message	Client (<*client_mac*>) binding to tunnel id (<*tunnel_id*>) has failed
Category	User-based tunnels
Severity	Error
Description	Event raised when user bind to tunnel id failed

Event ID: 9715

Message	Client (<*client_mac*>) is removed from tunnel.
Category	User-based tunnels
Severity	Info
Description	Event raised when user is gets binded to tunnel

Event ID: 9716

Message	Client (<*client_mac*>) unbinding to tunnel id (<*tunnel_id*>) has failed
Category	User-based tunnels
Severity	Error
Description	Event raised when user unbind to tunnel id failed

Event ID: 9717

Message	Client (<*client_mac*>) is getting modified to bind to tunnel id (<*tunnel_id*>)' throttle_count: 100
Category	User-based tunnels
Severity	Info
Description	Event raised when already binded user to a tunnel gets modified

Event ID: 9718

Message	Modification of Client (<*client_mac*>) binded to (<*tunnel_id*>) has failed' throttle_count: 100
Category	User-based tunnels
Severity	Error
Description	Event raised when modification of already binded user to a tunnel fails

Event ID: 9719

Message	NFD port (<*nfd_id*>) is created for client (<*client_mac*>) vlan id (<*vlan_id*>) port (<*port*>) ecmp id (<*ecmp_id*>)
Category	User-based tunnels
Severity	Info
Description	Event raised on NFD port creation

Event ID: 9720

Message	NFD port (<*nfd_id*>) creation for client (<*client_mac*>) vlan id (<*vlan_id*>) port (<*port*>) ecmp id (<*ecmp_id*>) has failed
Category	User-based tunnels
Severity	Error
Description	Event raised on NFD port creation failure

Event ID: 9721

Message	NFD port (<*nfd_id*>) is deleted for ecmp id(<*ecmp_id*>)
Category	User-based tunnels
Severity	Info
Description	Event raised on NFD port deletion

Event ID: 9722

Message	NFD port (<*nfd_id*>) deletion for ecmp id (<*ecmp_id*>) has failed
Category	User-based tunnels
Severity	Error
Description	Event raised when NFD port deletion fails

Event ID: 9723

Message	ECMP group is created for ecmp id (<*ecmp_id*>)
Category	User-based tunnels
Severity	Info
Description	Event raised on ECMP group creation

Event ID: 9724

Message	ECMP group creation for ecmp id (<*ecmp_id*>) has failed
Category	User-based tunnels
Severity	Error
Description	Event raised on ECMP group creation failure

Event ID: 9725

Message	ECMP group is deleted for ecmp id (<*ecmp_id*>)
Category	User-based tunnels
Severity	Info
Description	Event raised on ECMP group deletion

Event ID: 9726

Message	ECMP group deletion for ecmp id(<*ecmp_id*>) has failed
Category	User-based tunnels
Severity	Error
Description	Event raised when ECMP group deletion fails

Event ID: 9727

Message	MDestRx Tunnel is Created - Gre Key (<*gre_key*>) VLAN (<*vlan*>) VRF (<*vrf*>) Source IP (<*src_ip*>) Destination IP (<*dst_ip*>)
Category	User-based tunnels
Severity	Info
Description	Event raised when mdest rx user based tunnel is created

Event ID: 9728

Message	MDestRx Tunnel Creation has Failed - Gre Key (<*gre_key*>) VLAN (<*vlan*>) VRF (<*vrf*>) Source IP (<*src_ip*>) Destination IP (<*dst_ip*>)
Category	User-based tunnels
Severity	Error
Description	Event raised when mdest rx user based tunnel creation fails

Event ID: 9729

Message	MDest Rx Tunnel is Deleted - Tunnel Id (<*tunnel_id*>)
Category	User-based tunnels
Severity	Info
Description	Event raised when mdest rx user based tunnel is deleted

Event ID: 9730

Message	MDest Rx Tunnel Deletion has Failed - Tunnel Id (<*tunnel_id*>)
Category	User-based tunnels
Severity	Error
Description	Event raised when mdest rx user based tunnel deletion fails

Event ID: 9731

Message	MDestRx Tunnel is UP - Tunnel Id (<*tunnel_id*>) Gre Key (<*gre_key*>) Source IP (<*src_ip*>) Destination IP (<*dst_ip*>)
Category	User-based tunnels
Severity	Info
Description	Event raised when mdest rx user based tunnel state is up

Event ID: 9732

Message	MDestRx Tunnel is DOWN - Tunnel Id (<*tunnel_id*>) Gre Key (<*gre_key*>) Source IP (<*src_ip*>) Destination IP (<*dst_ip*>)
Category	User-based tunnels
Severity	Error
Description	Event raised when mdest rx user based tunnel state is down

Event ID: 9733

Message	User bootstrap is failed for client (<*mac_addr*>) on port (<*port*>) due to <*reason*>.
Category	User-based tunnels
Severity	Error
Description	Event raised when user bootstrap is failed

Event ID: 9734

Message	Operational state of <*zone*> zone is UP.
Category	User-based tunnels
Severity	Info
Description	Event raised when zone operational state is up

Event ID: 9735

Message	Operational state of <*zone*> zone is DOWN due to <*reason*>.
Category	User-based tunnels
Severity	Warning
Description	Event raised when zone operational state is down

Event ID: 9736

Message	Tunnel Node Server WoL VLAN bootstrap {state} with controller {sac_ip}
Category	User-based tunnels
Severity	Info
Description	Event raised when WoL VLAN bootstrap response received from controller (Active/Standby)

Event ID: 9737

Message	Tunnel Node Server WoL VLAN bootstrap failed due to incompatible controller ({sac_ip}) version {version}
Category	User-based tunnels
Severity	Info
Description	Event raised when controller version does not support WoL VLAN bootstrap

Chapter 143
Virtual Switching Extension (VSX) events

The following are the events related to VSX.

Event ID: 7001

Message	VSX ISL port <*port*> is down
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX ISL link is down.

Event ID: 7002

Message	VSX ISL port <*port*> is up
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX ISL link is up.

Event ID: 7003

Message	VSX ISL port <*port*> is In-Sync with the peer.
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX ISL is In Sync with the peer.

Event ID: 7004

Message	VSX ISL port <*port*> is Out-Of-Sync with the peer: <*reason*>
Category	Virtual Switching Extension (VSX)
Severity	Error
Description	VSX ISL is Out-Of-Sync with the peer

Event ID: 7005

Message	VSX Keepalive failed
Category	Virtual Switching Extension (VSX)
Severity	Warning
Description	VSX Keepalive is not able to reach the peer device

Event ID: 7006

Message	VSX Keepalive succeeded
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX Keepalive is able to reach the peer device

Event ID: 7007

Message	VSX role is primary
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	Operational role of this device derived based on device priority of the 2 devices.

Event ID: 7008

Message	VSX role is secondary
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	Operational role of this device derived based on device priority of the 2 devices.

Event ID: 7009

Message	VSX Software version mismatch: peer version <*peer_sw_ver*>, local version <*local_sw_ver*>
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX Software version mismatch: peer sw version is not same as local sw version.

Event ID: 7010

Message	VSX Device mismatch: peer device <*peer_device_type*>, local device <*local_device_type*>

Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX Device type mismatch: peer device type is not same as local device type.

Event ID: 7011

Message	VSX <*vsx_id*> state local up, remote down
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX local up remote down.

Event ID: 7012

Message	VSX <*vsx_id*> state local down, remote up
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX local down remote up.

Event ID: 7013

Message	VSX <*vsx_id*> state local up, remote up
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX local up remote up.

Event ID: 7014

Message	VSX <*vsx_id*> state local down, remote down
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX local down remote down.

Event ID: 7015

Message	VSX ISL sliding window parameters are reset.
Category	Virtual Switching Extension (VSX)

Severity	Info
Description	VSX resetting the ISL protocol sliding window.

Event ID: 7016

Message	VSX own ISL hello packet received, ignoring the packet.
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX switch receives own ISL hello packet from network.

Event ID: 7017

Message	Rebooting the VSX <*vsx_role*> device with newly updated <*bank_name*> image.
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	Switch reboot due to VSX software update.

Event ID: 7018

Message	VSX primary ISL version <*primary_version*> dose not match with VSX secondary ISL version <*secondary_version*>. Performing a non-hitless image update.
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX inter-switch-link protocol version mismatch after secondary reboot.

Event ID: 7019

Message	VSX <*vsx_role*> image update failed due to <*reason*>.
Category	Virtual Switching Extension (VSX)
Severity	Error
Description	VSX image update failed.

Event ID: 7020

Message	ISL out-of-sync and keepalive is in established
Category	Virtual Switching Extension (VSX)

Severity	Info
Description	ISL out-of-sync and keepalive is in established, handled split brain

Event ID: 7021

Message	ISL out-of-sync and keepalive also failed
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	ISL out-of-sync and keepalive also failed

Event ID: 7022

Message	Linkup delay timer started
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	Linkup delay timer started

Event ID: 7023

Message	Linkup delay timer expired
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	Linkup delay timer expired

Event ID: 7024

Message	VSX <*vsx_role*> state changed from <*prev_state*> to <*state*>.
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX software update state change.

Event ID: 7025

Message	Bailout timer started
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	Bailout timer started

Event ID: 7026

Message	Bailout timer expired
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	Bailout timer expired

Event ID: 7027

Message	Bailout timer stopped
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	Bailout timer stopped

Event ID: 7028

Message	Linkup-delay timer stopped
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	Linkup-delay timer stopped

Event ID: 7029

Message	VSX device roles are inconsistent: local VSX device role <*local_vsx_role*>, peer VSX device role <*peer_vsx_role*>
Category	Virtual Switching Extension (VSX)
Severity	Error
Description	VSX device roles are said to be consistent only if one VSX device is configured as primary and other VSX device is configured as secondary

Event ID: 7029

Message	VSX <*vsx_role*> state changed to <*state*>-<*sub_state*>.
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX software update sub-state change.

Event ID: 7030

Message	VSX Keepalive is configured without creating VRF
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VRF needs to be created before configuring VSX Keepalive

Event ID: 7031

Message	VSX Keepalive is configured without configuring IP address
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	IP address needs to be configured before configuring VSX Keepalive

Event ID: 7032

Message	Active-gateway is enabled on <*port*>. Cannot program Active-forwarding
Category	Virtual Switching Extension (VSX)
Severity	Error
Description	Failed to program active-forwarding.

Event ID: 7033

Message	Active-forwarding is enabled on <*port*>. Cannot program Active-gateway
Category	Virtual Switching Extension (VSX)
Severity	Error
Description	Failed to program active-gateway.

Event ID: 7034

Message	Netdev <*ifname*> configured with ipv4 address <*value*>
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	programmed active-gateway IP4 address successfully.

Event ID: 7035

Message	Netdev <*ifname*> configured with ipv6 address <*value*>

Category	Virtual Switching Extension (VSX)
Severity	Info
Description	programmed active-gateway IP6 address successfully.

Event ID: 7036

Message	VSX {vsx_role} state changed to {state}-{sub_state}.
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX software update sub-state change.

Event ID: 7037

Message	VSX secondary has better MCLAG state compared to VSX primary. MCLAGs and SVIs are brought down on VSX primary.
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	VSX split state is inversed.

Event ID: 7038

Message	Active-gateway extended-mac automatically disabled because mac-lockout was enabled
Category	Virtual Switching Extension (VSX)
Severity	Warning
Description	Event raised when active-gateway extended-mac feature is disabled due to mac-lockout feature being enabled

Event ID: 7039

Message	Active-gateway extended-mac is automatically enabled
Category	Virtual Switching Extension (VSX)
Severity	Info
Description	Event raised when active-gateway extended-mac feature is enabled

Chapter 144
Virtual Switching Framework (VSF) events

The following are the events related to VSF.

Event ID: 9901

Message	Member <*member_id*> boot complete
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event for member boot complete

Event ID: 9902

Message	Standby <*member_id*> boot complete
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event for standby boot complete

Event ID: 9903

Message	Conductor <*member_id*> boot complete
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event for Conductor boot complete

Event ID: 9905

Message	Resetting member <*member_id*>
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	Event log indicates that member is reseting

Event ID: 9906

Message	Member <*member_id*> conflict detected on link <*link*>
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	Event log for Failed processing Hello packet because of member number conflict

Event ID: 9907

Message	Incompatible version detected
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	Event log for indicates that we got a packet with a diff proto ver

Event ID: 9908

Message	Topology is <*topo_type*>
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	Event log indicates the current topology

Event ID: 9910

Message	Member <*member_id*> removed
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	Event log indicates the member has been removed due to user request

Event ID: 9911

Message	Maximum number of switches in the stack has reached. Cannot add MAC <*mac_address*> product type <*type*>
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	Event log indicates that we would exceed the MAX switches if we add this new switch

Event ID: 9912

Message	Stack state is no-split with conductor id <*member_id*>' throttle_count: 100
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event for stack state active

Event ID: 9913

Message	Lost member <*member_id*> with <*reason*>
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	Event log for lost member

Event ID: 9914

Message	Reboot of MAC <*mac_address*> status-<*status*>
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	Event log for status of a reboot request

Event ID: 9915

Message	Member <*member_id*> elected as conductor reason-<*reason*>
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event for the switch won as conductor

Event ID: 9916

Message	Member <*member_id*> elected as standby reason-<*reason*>
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event for the switch won as standby

Event ID: 9917

Message	Switch with MAC <*mac_address*> cannot join stack due to incorrect product id <*product_id*>

Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event for the member was not allowed to join due to a mismatched product-id

Event ID: 9919

Message	Found Unsupported switch with MAC <*mac_address*> and Product type <*product_type*>, connected to switch with MAC <*mac_addr*> on stack port <*port_id*>
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event for switch running on a different platform and trying to join the stack

Event ID: 9920

Message	Heart beat lost for member <*member_id*>
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event for heart beat lost

Event ID: 9921

Message	OS version mismatch detected for member <*member_id*>
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event when os_version_mismatch happened on standby and member

Event ID: 9922

Message	Attempt to connect member <*member_id*> from a different stack
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event when member attempt to connect to a different stack

Event ID: 9923

Message	VSF link <*link*> is up

Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event when vsf link is up

Event ID: 9924

Message	VSF link <*link*> is down
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event when vsf link is down

Event ID: 9925

Message	Invalid MAC <*mac_address*> detected on link <*link*> with peer MAC <*mac_add*>
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event when different MAC address on the same link

Event ID: 9926

Message	2 member loop detected on ring topology
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event when there is a 2 member loop in topology

Event ID: 9927

Message	Fragment with conductor <*member_id*> is Active' throttle_count: 100
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event for active fragment

Event ID: 9928

Message	Fragment with conductor <*member_id*> is Inactive
Category	Virtual Switching Framework (VSF)

Severity	Info
Description	log event for Inactive fragment

Event ID: 9929

Message	Active fragment detection timeout
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event for active stack detection timeout

Event ID: 9930

Message	Member <*member_id*> is configured as Secondary
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event for standby configuration

Event ID: 9931

Message	Secondary configuration removed
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event for standby unconfiguration

Event ID: 9932

Message	Attempt to connect a member with MAC <*mac_address*> and product type <*product_id*> having different airflows
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event when Mater SKU device joins the stack

Event ID: 9933

Message	Peer timeout on interface <*port_id*>
Category	Virtual Switching Framework (VSF)

Severity	Warning
Description	log event for peer time out as it did not receive any packet

Event ID: 9934

Message	Loop detected on interface <*port_id*>
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event for loop detection in link

Event ID: 9935

Message	Interface <*port_id*> detected a peer with a different VSF handshake version
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event when peer switch is in different VSF handshake version

Event ID: 9936

Message	Interface <*port_id*> added to VSF link <*link*>
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event when interface added to a particular link

Event ID: 9937

Message	Interface <*port_id*> removed from VSF link <*link*>
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event when interface removed from a particular link

Event ID: 9938

Message	Switch with mac <*mac_address*> not able to autojoin as it is connected on interface <*port*> which is a non default autojoin VSF interface
Category	Virtual Switching Framework (VSF)

Severity	Warning
Description	log event when the switch is not able to autojoin as it is connected with a non default VSF interface

Event ID: 9939

Message	Switch with MAC <*mac_address*> not able to autojoin as it is connected to interface <*port*> which is not provisioned on the conductor for member <*member_id*>
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event when there is an inconsistency detected between conductors provisioned VSF link configuration and the interface on which switch is attempting to autojoin

Event ID: 9940

Message	Switch with MAC <*mac_address*> is not autojoin eligible
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event when peer switch is not autojoin eligible

Event ID: 9941

Message	Switch with MAC <*mac_address*> attempting to autojoin via multiple interfaces
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event when there is more than one interface physically connected to same switch VSF link for autojoin

Event ID: 9942

Message	Switch with MAC <*mac_address*> failed to autojoin as there is no free member number available
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log even when switch is not allowed to autojoin because of insufficient resources

Event ID: 9943

Message	Switch with mac <*mac_address*> failed to autojoin on link <*link*>, port <*port*>

Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event when two different switches are attempting to autojoin by connecting to the same VSF link on the peer

Event ID: 9944

Message	Switch has VSF configurations present. Force autojoin will not take into effect. Remove all VSF configurations followed by unconfiguring and reconfiguring force autojoin for it to take into effect
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event when VSF force autojoin fails as VSF configurations exists

Event ID: 9945

Message	VSF force autojoin enabled
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event when VSF force autojoin is enabled

Event ID: 9946

Message	VSF force autojoin disabled
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event when VSF force autojoin is disabled

Event ID: 9947

Message	Switch with MAC <*mac_addr1*> failed to autojoin. Connect the device <*mac_addr2*> to member <*mbr_id*> link <*link_id*> to proceed
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event when member connected to an unsupported interface

Event ID: 9948

Message	Interface <*port_id*> in VSF link <*link*> detected a peer with inconsistent VSF link configuration
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event when interface is in inconsistent link configuration error

Event ID: 9949

Message	Secondary member changed from <*old_standby_id*> to <*new_standby_id*>
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	log event when existing secondary changes to new specified secondary member

Event ID: 9950

Message	Switch with MAC {mac_addr} failed to autojoin as it is connected on interface {port_id} which has MACsec configuration
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	log event when a VSF interface is connected to another interface with MACsec configuration

Event ID: 9951

Message	Bringing down MACsec configured interface {port_id} as it is added to a VSF link. VSF link and MACsec configurations needs to be removed from the interface {port_id} and VSF link needs to be reconfigured for it to take into effect
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	Log event when an interface with MACsec configuration is added to VSF link

Event ID: 9952

Message	Switchover detected during ISSU operation: "{operation}"
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	Log event when ISSU switchover is detected

Event ID: 9953

Message	ISSU state failed for member {id} during ISSU operation: "{operation}"
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	Log to indicate VSF_Member issu_state failed in conductor

Event ID: 9954

Message	VSF member {id} going out of stack during ISSU operation: "{operation}", rebooting the stack
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	Log to indicate when standby/member goes out of the stack

Event ID: 9955

Message	Unintentional failover detected during ISSU operation: "{operation}", rebooting the stack
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	Log event when unintentional failover occurs during issu in_progress

Event ID: 9956

Message	ISSU complete timer expired. Rebooting switch {id} during ISSU operation: "{operation}"
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	Log event when ISSU timer expires before ISSU is complete

Event ID: 9957

Message	Member {member_id} interface {port_id} in VSF link {link} detected a peer {mac_address} with incompatible product type {prod_type}
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	Log event when member attempt to connect to incompatible peer jtypes

Event ID: 9958

Message	Egress port shape rate {lowest_speed} will be applied for all VSF interfaces
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	Log event when port shape is updated with uniform speed

Event ID: 9959

Message	Egress port shape rate {lowest_speed} applied for all VSF interfaces
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	Log event when port shape is updated with uniform speed

Event ID: 9960

Message	Egress port shape rate {lowest_speed} update is failed to apply for interface {if_name}
Category	Virtual Switching Framework (VSF)
Severity	Warning
Description	Log event to capture the QOS applied failures.

Event ID: 9961

Message	Egress shaping is disabled in the stack.
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	Log event to capture the vsf egress_shape unconfiguration

Event ID: 9962

Message	Egress shaping is enabled in the stack. When VSF interfaces are of different speeds, all VSF interfaces in the stack will operate at a chosen common denominator speed when there is atleast one active stack member of type S0E91A or S0X44A in the stack.
Category	Virtual Switching Framework (VSF)
Severity	Info
Description	Log event to capture the vsf egress_shape configuration.

Chapter 145
VLAN events

The following are the events related to VLAN.

Event ID: 2101

Message	VLAN <*vid*> created in hardware
Category	VLAN
Severity	Info
Description	This log event informs the user that VLAN is created in Hardware

Event ID: 2102

Message	Failed to create VLAN <*vid*> in Hardware
Category	VLAN
Severity	Error
Description	This log event informs the user that VLAN is not created in Hardware

Event ID: 2103

Message	VLAN <*vid*> removed from hardware
Category	VLAN
Severity	Info
Description	This log event informs the user that VLAN is removed from Hardware

Event ID: 2104

Message	Failed to remove VLAN <*vid*> from hardware
Category	VLAN
Severity	Error
Description	This log event informs the user that VLAN is not removed from Hardware

Event ID: 2105

Message	Internal VLAN <*vid*> is allocated to port <*port*>
Category	VLAN
Severity	Info
Description	This log event informs that internal VLAN is allocated to port

Event ID: 2106

Message	Failed to allocate internal VLAN to port <*port*>
Category	VLAN
Severity	Error
Description	This log event informs that internal VLAN is not allocated

Event ID: 2107

Message	The mode for port <*port*> changed from <*from*> to <*to*> on VLAN <*vid*>
Category	VLAN
Severity	Info
Description	This log event informs that the port mode has changed from one of the trunk types to access or vice versa

Event ID: 2108

Message	Created Mac based VLAN entry. VLAN <*vid*> is mapped to client <*mac*> on port <*port*>
Category	VLAN
Severity	Info
Description	This log event informs the user that Mac based VLAN is created in Hardware

Event ID: 2109

Message	Failed to create Mac based VLAN entry for <*mac*> with VLAN <*vid*> on port <*port*>
Category	VLAN
Severity	Error
Description	This log event informs the user that Mac based VLAN is not created in Hardware

Event ID: 2110

Message	Deleted Mac based VLAN entry for <*mac*> with VLAN <*vid*> on port <*port*>
Category	VLAN
Severity	Info
Description	This log event informs the user that MAC based VLAN is removed from Hardware

Event ID: 2111

Message	Failed to remove Mac based VLAN entry for <*mac*> with VLAN <*vid*> on port <*port*>
Category	VLAN
Severity	Error
Description	This log event informs the user that MAC based VLAN is not removed from Hardware

Event ID: 2112

Message	Updated MAC based VLAN entry. VLAN <*vid*> is mapped to client <*mac*> on port <*port*>
Category	VLAN
Severity	Info
Description	This log event informs the user that MAC based VLAN is updated in Hardware

Event ID: 2113

Message	Failed to update Mac based VLAN entry for <*mac*> with VLAN <*vid*> on port <*port*>
Category	VLAN
Severity	Error
Description	This log event informs the user that MAC based VLAN is not updated in Hardware

Event ID: 2114

Message	Internal VLAN changed to <*vlan*>
Category	VLAN
Severity	Info
Description	This log event informs that internal VLAN range is changed

Event ID: 2115

Message	VLAN <*vid*> is down due to pvlan misconfig reason <*reason*>

Category	VLAN
Severity	Info
Description	This log event informs the user that VLAN is down due to pvlan misconfig

Event ID: 2116

Message	VLAN <*vid*> is recovered from pvlan misconfig
Category	VLAN
Severity	Info
Description	This log event informs the user that VLAN is recovered from pvlan misconfig

Event ID: 2117

Message	Remote node <*remote_node*> add for VLAN <*vid*> on node <*local_node*> failed
Category	VLAN
Severity	Error
Description	This log event informs the user that remote node add for a vlan failed

Event ID: 2118

Message	Remote node <*remote_node*> remove for VLAN <*vid*> on node <*local_node*> failed
Category	VLAN
Severity	Error
Description	This log event informs the user that remote node remove for a vlan failed

Event ID: 2119

Message	VLAN translation rule addition failed for port:<*port_name*>, in_vlan:<*orig_vlan*>, out_vlan:<*trans_vlan*>, reason=<*rst*>
Category	VLAN
Severity	LOG_INFO
Description	Logs a message when vlan translation rule addition failed in hardware

Event ID: 2120

Message	{intf_name} is now an SVLAN customer-network interface.
Category	VLAN

Severity	LOG_INFO
Description	{intf_name} is now an SVLAN customer-network interface.

Event ID: 2121

Message	'{intf_name} is now an SVLAN provider-network interface.'
Category	VLAN
Severity	LOG_INFO
Description	Logs a message when port is part for QinQ provider-network

Event ID: 2122

Message	'{intf_name} is no longer an SVLAN interface.'
Category	VLAN
Severity	LOG_INFO
Description	'Logs a message when port is no longer part for QinQ' event_description_template:

Event ID: 2123

Message	'Secondary VLAN {sec_vid} of type {sec_type} is associated to primary VLAN {prim_vid}'
Category	VLAN
Severity	LOG_INFO
Description	'This log event informs the user that secondary VLAN is associated to a primary VLAN'

Event ID: 2124

Message	'Secondary VLAN {sec_vid} admin state {sec_admin} is ignored. Primary VLAN {prim_vid} admin state ({prim_admin}) will be applied'
Category	VLAN
Severity	LOG_INFO
Description	'This log event informs the user that secondary VLAN admin state is ignored'

Event ID: 2125

Message	'UUFB {port} enabled in hardware'
Category	VLAN

Severity	LOG_INFO
Description	'This log event informs the user that UUFB has been enabled on a physical port'

Event ID: 2126

Message	'UUFB {port} disabled in hardware'
Category	VLAN
Severity	LOG_INFO
Description	'This log event informs the user that UUFB has been disabled on a physical port'

Chapter 146
VLAN Interface events

The following are the events related to VLAN interface.

Event ID: 1601

Message	Vlaninterface vlan<*vlan*>, failed to create an l3 interface, error: <*err*>
Category	VLAN Interface
Severity	Error
Description	logs errors while creating vlaninterface.

Event ID: 1602

Message	Vlan Interface <*interface*>, created
Category	VLAN Interface
Severity	Information
Description	logs to create vlan interface.

Chapter 147
VRF events

The following are the events related to VRF.

Event ID: 6401

Message	VRF with vrf name <*vrf_name*> is configured in the switch
Category	VRF
Severity	Information
Description	Logs a message when VRF is configured in the switch

Event ID: 6402

Message	Failed to configure VRF with vrf name <*vrf_name*> in the switch
Category	VRF
Severity	Error
Description	Logs a message when VRF configuration failed in the switch

Event ID: 6403

Message	VRF with vrf name <*vrf_name*> is deleted from the switch
Category	VRF
Severity	Information
Description	Logs a message when VRF is deleted from the switch

Event ID: 6404

Message	Failed to delete VRF with vrf name <*vrf_name*> from the switch
Category	VRF
Severity	Error
Description	Logs a message when VRF deletion failed in the switch

Chapter 148
VRF Manager events

The following are the events related to VRF Manager.

Event ID: 5401

Message	Created a vrf entity <*vrf_entity*>
Category	VRF Manager
Severity	Information

Event ID: 5402

Message	Deleted a vrf entity <*vrf_entity*>
Category	VRF Manager
Severity	Information

Event ID: 5403

Message	vrf entity creation failed <*vrf_entity*>
Category	VRF Manager
Severity	Error

Chapter 149
VRRP events

The following are the events related to VRRP.

Event ID: 3701

Message	VRRP has been enabled on this router
Category	VRRP
Severity	Info
Description	Logs VRRP global enable event

Event ID: 3702

Message	VRRP has been disabled on this router
Category	VRRP
Severity	Info
Description	Logs VRRP global disable event

Event ID: 3703

Message	<*inet_type*> virtual router <*vrid*> on interface <*interface*> has taken owner IP
Category	VRRP
Severity	Info
Description	Logs virtual router has taken control of owner IP

Event ID: 3704

Message	<*inet_type*> virtual router <*vrid*> on interface <*interface*> has taken standby IP
Category	VRRP
Severity	Info
Description	Logs virtual router has taken control of standby IP

Event ID: 3705

Message	<*inet_type*> virtual router <*vrid*> on interface <*interface*> lost standby IP
Category	VRRP
Severity	Info
Description	Logs virtual router has lost control of standby IP

Event ID: 3706

Message	<*inet_type*> virtual router <*vrid*> created on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs creation of virtual router on interface

Event ID: 3707

Message	<*inet_type*> virtual router <*vrid*> deleted from interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs deletion of virtual router from interface

Event ID: 3708

Message	<*type*> address <*address*> is added to virtual router <*vrid*> on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs addition of IP address to virtual router

Event ID: 3709

Message	<*type*> address <*address*> is deleted from virtual router <*vrid*> on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs deletion of IP address from virtual router

Event ID: 3710

Message	<*inet_type*> virtual router <*vrid*> version changed to <*value*> on interface <*interface*>

Category	VRRP
Severity	Info
Description	Logs version change for virtual router

Event ID: 3711

Message	<*inet_type*> virtual router <*vrid*> advertisement interval has changed to <*value*> milliseconds on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs advertisement timer has changed for virtual router

Event ID: 3712

Message	<*inet_type*> virtual router <*vrid*> preempt delay time has changed to <*value*> seconds on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs preempt delay timer has changed for virtual router

Event ID: 3713

Message	<*inet_type*> virtual router <*vrid*> state change from <*old_state*> to <*new_state*> on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs state has changed for virtual router on interface

Event ID: 3714

Message	Enabled preempt option for <*inet_type*> virtual router <*vrid*> on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs preempt option has been enabled for virtual router

Event ID: 3715

Message	Enabled virtual IP ping for <*inet_type*> virtual router <*vrid*> on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs virtual IP ping has been enabled for virtual router

Event ID: 3716

Message	Enabled <*inet_type*> virtual router <*vrid*> on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs virtual router has been enabled on interface

Event ID: 3717

Message	Disabled preempt option for <*inet_type*> virtual router <*vrid*> on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs preempt option has been disabled for virtual router

Event ID: 3718

Message	Disabled virtual IP ping for <*inet_type*> virtual router <*vrid*> on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs virtual IP ping has been disabled for virtual router

Event ID: 3719

Message	Disabled <*inet_type*> virtual router <*vrid*> on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs virtual router has been disabled on interface

Event ID: 3720

Message	<*inet_type*> virtual router <*vrid*> priority changed to <*value*> on interface <*interface*>

Category	VRRP
Severity	Info
Description	Logs priority has been changed for virtual router

Event ID: 3721

Message	<*inet_type*> virtual router <*vrid*> mode changed to <*value*> on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs virtual router mode has been changed

Event ID: 3722

Message	Track object <*track*> is associated with <*inet_type*> virtual router <*vrid*>
Category	VRRP
Severity	Info
Description	Logs track object has been associated with virtual router

Event ID: 3723

Message	Track object <*track*> is de-associated from <*inet_type*> virtual router <*vrid*>
Category	VRRP
Severity	Info
Description	Logs track object has been de-associated from virtual router

Event ID: 3724

Message	Track object <*track*> is created
Category	VRRP
Severity	Info
Description	Logs track object has been created

Event ID: 3725

Message	Track object <*track*> is deleted
Category	VRRP

Severity	Info
Description	Logs track object has been deleted

Event ID: 3726

Message	Track object <*track*> state changed <*old_state*> to <*new_state*>
Category	VRRP
Severity	Info
Description	Logs track object state change

Event ID: 3727

Message	Track object <*track*> associated with interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs track object association with interface

Event ID: 3728

Message	<*inet_type*> virtual router <*vrid*> recieved packet with authentication type mismatch on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs authentication failures on virtual router

Event ID: 3729

Message	<*inet_type*> virtual router <*vrid*> recieved packet with authentication key mismatch on interface <*interface*>
Category	VRRP
Severity	Info
Description	Logs authentication failures on virtual router

Event ID: 3730

Message	Enabled vrrpv3 checksum for {inet_type} virtual router {vrid} on interface {interface}
Category	VRRP

Severity	Info
Description	Logs vrrpv3 checksum has been enabled for virtual router

Event ID: 3731

Message	Disabled vrrpv3 checksum for {inet_type} virtual router {vrid} on interface {interface}
Category	VRRP
Severity	Info
Description	Logs vrrpv3 checksum has been disabled for virtual router

Chapter 150
VSX Sync events

The following are the events related to VSX sync.

Event ID: 7601

Message	Configuration sync error: <*id*>
Category	VSX Sync
Severity	Error
Description	Logs event when error in synchronizing config between two VSX peers

Event ID: 7602

Message	Configuration sync update: <*id*>
Category	VSX Sync
Severity	Information
Description	Logs event when there is an update for config sync

Event ID: 7603

Message	Configuration-persistence: <*id*>
Category	VSX Sync
Severity	Information
Description	Logs event when config is copied to startup-config on any of the VSX peer

Chapter 151
VXLAN agent events

The following are the events related to VXLAN agent.

Event ID: 12501

Message	Netvp add failed for vni_id: <*vni_id*>, tunnel_id: <*tunnel_id*>, vlan: <*vlan*>.
Category	VXLAN agent
Severity	Error
Description	Event raised when netvp add fails in agent

Event ID: 12502

Message	Tunnel add failed for tunnel_id: <*tunnel_id*>, ecmp_id: <*ecmp_id*>.
Category	VXLAN agent
Severity	Error
Description	Event raised when tunnel add fails in agent

Chapter 152
VXLAN events

The following are the events related to VXLAN.

Event ID: 8101

Message	VNI id <*vni_id*> creation failed
Category	VXLAN
Severity	Error
Description	Event raised when VNI creation fails

Event ID: 8102

Message	VNI id <*vni_id*> created
Category	VXLAN
Severity	Info
Description	Event raised when VNI created

Event ID: 8103

Message	VNI id <*vni_id*> deletion fails
Category	VXLAN
Severity	Error
Description	Event raised when VNI deletion fails

Event ID: 8104

Message	VNI id <*vni_id*> has been deleted
Category	VXLAN
Severity	Info
Description	Event raised when VNI is deleted

Event ID: 8105

Message	Vtep-Peer <*vtep_peer*> is created

Category	VXLAN
Severity	Info
Description	Event raised when Vtep-Peer is created

Event ID: 8106

Message	Vtep-Peer <*vtep_peer*> has been deleted
Category	VXLAN
Severity	Info
Description	Event raised when Vtep-Peer has been deleted

Event ID: 8107

Message	Vtep-Peer <*vtep_peer*> deletion failed
Category	VXLAN
Severity	Error
Description	Event raised when Vtep-Peer deletion fails

Event ID: 8108

Message	Access-Port with vlan <*vlan_id*> and port <*port_name*> has been created
Category	VXLAN
Severity	Info
Description	Event raised when Access-Port has been created

Event ID: 8109

Message	Access-Port with port <*port_name*> and vlan <*vlan_id*> has been deleted
Category	VXLAN
Severity	Info
Description	Event raised when Access-Port has been deleted

Event ID: 8110

Message	Vtep-Peer <*vtep*> state is operational
Category	VXLAN

Severity	Info
Description	Event raised when Vtep-Peer status is changed to operational

Event ID: 8111

Message	Vtep-Peer <*vtep*> state is configuration_error
Category	VXLAN
Severity	Info
Description	Event raised when Vtep-Peer status is changed to configuration error

Event ID: 8112

Message	Vtep-Peer <*vtep*> state is no_hw_resources
Category	VXLAN
Severity	Info
Description	Event raised when Vtep-Peer status is changed to no hardware resources

Event ID: 8113

Message	Vtep-Peer <*vtep*> state is activating
Category	VXLAN
Severity	Info
Description	Event raised when Vtep-Peer status is changed to activating

Event ID: 8114

Message	Tunnel <*remote_ip*> added to hardware
Category	VXLAN
Severity	Info
Description	Event raised when a VxLAN tunnel is added to hardware

Event ID: 8115

Message	Tunnel <*remote_ip*> deleted from hardware
Category	VXLAN
Severity	Info
Description	Event raised when a VxLAN tunnel is deleted from hardware

Event ID: 8116

Message	Tunnel <*remote_ip*> delete deferred
Category	VXLAN
Severity	Info
Description	Event raised when a VxLAN tunnel has its deletion deferred by L3PD

Event ID: 8117

Message	Tunnel <*remote_ip*> deferred delete canceled
Category	VXLAN
Severity	Info
Description	Event raised when a VxLAN tunnel has its deferred deletion canceled

Event ID: 8118

Message	Event raised when vxlan interface admin state is changed.
Category	VXLAN
Severity	Info
Description	Event raised when vxlan interface admin state is changed.

Event ID: 8119

Message	Nexthop {action} received for tunnel {vtep_peer}
Category	VXLAN
Severity	Info
Description	Event raised when nexthop operation add/delete/modify is triggered on a vtep-peer

Event ID: 8120

Message	Tunnel {vtep_peer} forwarding_state is {state}
Category	VXLAN
Severity	Info
Description	Event raised when Vtep-Peer forwarding_state is changed

Event ID: 8121

Message	Unsupported underlay port {port} configured for tunnel {vtep_peer}
Category	VXLAN
Severity	Error
Description	Event raised when unsupported underlay port configured as tunnel nexthop

Chapter 153
Zero touch provisioning events

The following are the events related to zero touch provisioning.

Event ID: 8701

Message	ZTP service has started
Category	Zero touch provisioning
Severity	Info
Description	Log event when ZTP service starts

Event ID: 8702

Message	ZTP service has stopped
Category	Zero touch provisioning
Severity	Info
Description	Log event when ZTP service stops

Event ID: 8703

Message	ZTP service status changed to in-progress
Category	Zero touch provisioning
Severity	Info
Description	Log event when ZTP change status to in-progress

Event ID: 8704

Message	ZTP service status changed to success
Category	Zero touch provisioning
Severity	Info
Description	Log event when ZTP change status to success

Event ID: 8705

Message	ZTP service status changed to failed because of invalid configuration file
Category	Zero touch provisioning
Severity	Critical
Description	Log event when ZTP fails because of invalid config file

Event ID: 8706

Message	ZTP service status changed to failed because of invalid image file
Category	Zero touch provisioning
Severity	Critical
Description	Log event when ZTP fails because of invalid image file

Event ID: 8707

Message	ZTP service status changed to failed because TFTP info is not available
Category	Zero touch provisioning
Severity	Warning
Description	Log event when ZTP fails because no TFTP info is available

Event ID: 8708

Message	ZTP service status changed to failed because TFTP server is not reachable
Category	Zero touch provisioning
Severity	Warning
Description	Log event when ZTP fails because TFTP server is not reachable

Event ID: 8709

Message	ZTP service status changed to failed because of non-default startup configuration
Category	Zero touch provisioning
Severity	Info
Description	Log event when ZTP failed because of non-default startup config

Event ID: 8710

Message	ZTP service status changed to failed because running configuration is modified

Category	Zero touch provisioning
Severity	Info
Description	Log event when ZTP failed because of modified running config

Event ID: 8711

Message	ZTP service status changed to failed because of timeout
Category	Zero touch provisioning
Severity	Warning
Description	Log event when ZTP failed because of timeout

Event ID: 8712

Message	ZTP: Image file not provided
Category	Zero touch provisioning
Severity	Info
Description	Logs related to ZTP configurations - image file not provided

Event ID: 8713

Message	ZTP: Config file not provided
Category	Zero touch provisioning
Severity	Info
Description	Logs related to ztp configurations - config file not provided

Event ID: 8714

Message	ZTP: TFTP server option not provided
Category	Zero touch provisioning
Severity	Info
Description	Logs related to ztp configurations - TFTP server name not provided

Event ID: 8715

Message	ZTP: Exceeded max path length of TFTP server
Category	Zero touch provisioning

Severity	Error
Description	Logs related to ztp configurations - path length exceeded of TFTP server name

Event ID: 8718

Message	ZTP: Received TFTP server <*tftp_ip*> from dhcp server
Category	Zero touch provisioning
Severity	Info
Description	Logs related to ztp configurations - TFTP IP received

Event ID: 8719

Message	ZTP: Received image file <*image_file*> from dhcp server
Category	Zero touch provisioning
Severity	Info
Description	Logs related to ztp configurations - Image filename received

Event ID: 8720

Message	ZTP: Received config file <*config_file*> from dhcp server
Category	Zero touch provisioning
Severity	Info
Description	Logs related to ztp configurations - Config filename received

Event ID: 8721

Message	ZTP: Received HPE Aruba Networking Central location <*central_location*> from DHCP server
Category	Zero touch provisioning
Severity	Info
Description	Logs related to ztp configurations - HPE Aruba Networking Central FQDN or IPv4 received

Event ID: 8723

Message	ZTP: HPE Aruba Networking Central location option not provided
Category	Zero touch provisioning

Severity	Info
Description	Logs related to ztp configurations - HPE Aruba Networking Central FQDN or IPv4 not provided

Event ID: 8724

Message	ZTP: Received HTTP proxy location <*http_proxy_location*> from DHCP server.
Category	Zero touch provisioning
Severity	Info
Description	Logs related to ztp configurations - HTTP proxy FQDN or IPv4 received

Event ID: 8726

Message	ZTP: HTTP proxy location was not received in the DHCP offer.
Category	Zero touch provisioning
Severity	Info
Description	Logs related to ztp configurations - HTTP Proxy FQDN or IPv4 not provided

Event ID: 8727

Message	ZTP service status changed to failed because <*filename*> file download encountered unexpected error.
Category	Zero touch provisioning
Severity	Critical
Description	Log event when ZTP fails because of unexpected error in config/image file download

Event ID: 8728

Message	ZTP service status changed to failed because <*filename*> file did not get downloaded.
Category	Zero touch provisioning
Severity	Critical
Description	Log event when ZTP fails because of config/image file download error

Event ID: 8729

Message	ZTP service status changed to failed because the downloaded configuration could not be copied to start-up configuration.

Category	Zero touch provisioning
Severity	Critical
Description	Log event when ZTP fails because downloaded config did not get copied to start-up config

Event ID: 8730

Message	ZTP service status changed to failed because <*filename*> file download encountered unexpected error. Reason: <*reason*>
Category	Zero touch provisioning
Severity	Error
Description	Log event when ZTP fails because of unexpected error in config file download

Event ID: 8731

Message	Received Alternative HPE Aruba Networking Central location {alt_aruba_central_loc} from dhcp server.
Category	Zero touch provisioning
Severity	Info
Description	Log event when ZTP receives the Alternative HPE Aruba Networking Central location.

Chapter 154
Support and Other Resources

Accessing HPE Aruba Networking Support

HPE Aruba Networking Support Services	https://www.hpe.com/us/en/networking/hpe-aruba-networking-support-services.html
AOS-CX Switch Software Documentation Portal	https://arubanetworking.hpe.com/techdocs/AOS-CX/help_portal/Content/home.htm
HPE Aruba Networking Support Portal	https://networkingsupport.hpe.com/home
North America telephone	1-800-943-4526 (US & Canada Toll-Free Number) +1-650-750-0350 (Backup—Toll Number)
International telephone	https://www.hpe.com/psnow/doc/a50011948enw

Be sure to collect the following information before contacting Support:

- Technical support registration number (if applicable)
- Product name, model or version, and serial number
- Operating system name and version
- Firmware version
- Error messages
- Product-specific reports and logs
- Add-on products or components
- Third-party products or components

Other useful sites

Other websites that can be used to find information:

HPE Aruba Networking Developer Hub	https://developer.arubanetworks.com/hpe-aruba-networking-aoscx/docs/about
Airheads social forums and Knowledge Base	https://community.arubanetworks.com/
AOS-CX Software Technical Update channel on YouTube.	Videos on new features introduced in this release: https://www.youtube.com/playlist?list=PLsYGHuNuBZcbWPEjjHuVMqP-Q_UL3CskS

HPE Aruba Networking Hardware Documentation and Translations Portal	https://arubanetworking.hpe.com/techdocs/hardware/DocumentationPortal/Content/home.htmm
HPE Aruba Networking software	https://networkingsupport.hpe.com/downloads
Software licensing and Feature Packs	https://licensemanagement.hpe.com/
End-of-Life information	https://networkingsupport.hpe.com/end-of-life

Accessing Updates

You can access updates from the HPE Aruba Networking Support Portal at https://networkingsupport.hpe.com.

Some software products provide a mechanism for accessing software updates through the product interface. Review your product documentation to identify the recommended software update method.

To subscribe to eNewsletters and alerts:

https://networkingsupport.hpe./notifications/subscriptions (requires an active HPE Aruba Networking Support Portal account to manage subscriptions). Security notices are viewable without an HPE Aruba Networking Support Portal account.

Warranty information

To view warranty information for your product, go to https://www.arubanetworks.com/support-services/product-warranties/.

Regulatory Information

To view the regulatory information for your product, view the *Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products*, available at https://www.hpe.com/support/Safety-Compliance-EnterpriseProducts

Additional regulatory information

HPE Aruba Networking is committed to providing our customers with information about the chemical substances in our products as needed to comply with legal requirements, environmental data (company programs, product recycling, energy efficiency), and safety information and compliance data, (RoHS and WEEE). For more information, see https://www.arubanetworks.com/company/about-us/environmental-citizenship/.

Documentation feedback

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front cover of the document. For online help content, include the product name, product version, help edition, and publication date located on the legal notices page.