CHAPTER 11

Support Information for Cisco Traps

This chapter provides detailed information about the traps supported in Cisco ANA. It presents this information in:

- A section devoted to the supported traps for a MIB (e.g., Cisco IOS V1 Traps). Each of these sections contains a table listing the name of each ANA-supported trap in that MIB, along with its OID, varbinds, and a short description. The trap's short description is what you see in a ticket's **Trap** tabs in Cisco ANA EventVision.
- The Registry Parameters for the Trap Events section. This section provides tables of all the event subtypes, grouped according to the event type they share. The event subtypes represent the states an alarm can be in. For example, the cisco bgp trap can have multiple event subtypes, or states, including Cisco BGP backward transition trap, Cisco BGP down trap, and Cisco BGP established trap. The event subtypes tables also describe when these traps are generated, and information about how Cisco ANA processes them (such as their severity, and whether they are ticketable, can be correlated, are autocleared, and so on).

This chapter includes the following sections:

Note Cisco IOS devices, Cisco XR 12000 Series and the Cisco CRS-1 Carrier Routing System must be configured to send traps in SNMP V2.

Cisco ASR 9000 Traps

Table 11-1 lists the Cisco ASR 9000 traps supported in Cisco ANA.

Table 11-1 Cisco ASR 9000 Traps

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
ciscoNtpSrvStatusChange	.1.3.6.1.4.1.9.9.168.0.1	1.3.6.1.4.1.9.9.168.1.1.11	=1	Sent whenever the value of cntpSysSrvStatus changes.	NTP Server Status Changes to Unknown
ciscoNtpSrvStatusChange	.1.3.6.1.4.1.9.9.168.0.1	1.3.6.1.4.1.9.9.168.1.1.11	=2	Sent whenever the value of cntpSysSrvStatus changes.	NTP Server Status Changes to notRunning
ciscoNtpSrvStatusChange	.1.3.6.1.4.1.9.9.168.0.1	1.3.6.1.4.1.9.9.168.1.1.11	=3	Sent whenever the value of cntpSysSrvStatus changes.	NTP Server Status Changes to notSynchronized
ciscoNtpSrvStatusChange	1.3.6.1.4.1.9.9.168.0.1	1.3.6.1.4.1.9.9.168.1.1.11	=4	Sent whenever the value of cntpSysSrvStatus changes.	NTP Server Status Changes to syncToLocal
ciscoNtpSrvStatusChange	1.3.6.1.4.1.9.9.168.0.1	1.3.6.1.4.1.9.9.168.1.1.11	=5	Sent whenever the value of cntpSysSrvStatus changes.	NTP Server Status Changes to syncToRefclock
ciscoNtpSrvStatusChange	1.3.6.1.4.1.9.9.168.0.1	1.3.6.1.4.1.9.9.168.1.1.11	=6	Sent whenever the value of cntpSysSrvStatus changes.	NTP Server Status Changes to syncToRemoteServer
topologyChange	1.3.6.1.2.1.17.0.2	NA	NA	Sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state. The trap is not sent if a newRoot trap is sent for the same transition. Implementation of this trap is optional.	Spanning Tree Topology Changed
warmStart	1.3.6.1.6.3.1.1.5.2	NA	NA	Indicates that the SNMP entity supporting a notification originator application is reinitializing itself such that its configuration is unaltered.	Warm start trap

Table 11-1 Cisco ASR 9000 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
dot1agCfmFaultAlarm	1.0.8802.1.1.3.0.1	NA	NA	Indicates that a MEP has lost contact with one or more MEPs. A fault alarm is sent to the management entity with the OID of the MEP that detected the fault. Whenever a MEP loses contact with one or more other MEPs, it may or may not generate a fault alarm to warn the system administrator of the problem, as controlled by the MEP Fault Notification Generator State Machine and associated Managed Objects. Only the highest-priority defect is reported in the Fault Alarm. (802.1ag clause 12.14.7.7)	dot1ag CFM Fault Alarm
csbSourceAlertEvent	1.3.6.1.4.1.9.9.658.0.1	1.3.6.1.4.1.9.9.658.1.2	= 1	Sent when, after SIP/H.248 call establishment with one party, media packets are received from an unexpected source or party (or wrong or unexpected IP address). Warns that the system is receiving unwanted data packets from an undesirable IP or port.	Cisco SBC source alert off trap
csbSourceAlertEvent	1.3.6.1.4.1.9.9.658.0.1	1.3.6.1.4.1.9.9.658.1.2	!= (1 or 7)	Sent when, after SIP/H.248 call establishment with one party, media packets are received from an unexpected source or party (or wrong or unexpected IP address). Warns that the system is receiving unwanted data packets from an undesirable IP or port.	Cisco SBC source alert on trap
csbSourceAlertEvent	1.3.6.1.4.1.9.9.658.0.1	1.3.6.1.4.1.9.9.658.1.2	= 7	Sent when, after SIP/H.248 call establishment with one party, media packets are received from an unexpected source or party (or wrong or unexpected IP address). Warns that the system is receiving unwanted data packets from an undesirable IP or port.	Cisco SBC source alert informational trap

Table 11-1 Cisco ASR 9000 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
csbDynamic BlackListEvent	1.3.6.1.4.1.9.9.658.0.2	1.3.6.1.4.1.9.9.658.1.2	= 1	Sent when a source is added to or removed from the blacklist table. The SBC puts in place dynamic blacklists automatically (subject to a set of configurable constraints) when it detects an attempt to disrupt traffic flowing through it. Dynamic blacklisting does not require management interference. The blacklist table is restricted only to SBC service and is not made available to NM. For more information on dynamic blacklisting, search cisco.com using the keywords “DoS Prevention and Dynamic Blacklisting”.	Cisco SBC dynamic blacklist trap
csbAdjacencyStatus	1.3.6.1.4.1.9.9.658.0.3	1.3.6.1.4.1.9.9.658.1.2	= 1	Sent when an Adjacency is attached to (or detached from) the SBC.	Cisco SBC adjacency state up trap
csbAdjacencyStatus	1.3.6.1.4.1.9.9.658.0.3	1.3.6.1.4.1.9.9.658.1.2	!= (1 or 7)	Sent when an Adjacency is attached to (or detached from) the SBC.	Cisco SBC adjacency state down trap
csbAdjacencyStatus	1.3.6.1.4.1.9.9.658.0.3	1.3.6.1.4.1.9.9.658.1.2	= 7	Sent when an Adjacency is attached to (or detached from) the SBC.	Cisco SBC adjacency state informational trap
csbServiceStateEvent	1.3.6.1.4.1.9.9.658.0.4	1.3.6.1.4.1.9.9.658.1.28	= 1	Sent when there is a change in the state of a service card. The changes in the service state are: “Active”, “Standby”.	Cisco SBC service state up trap
csbServiceStateEvent	1.3.6.1.4.1.9.9.658.0.4	1.3.6.1.4.1.9.9.658.1.28	= 3	Sent when there is a change in the state of a service card. The changes in the service state are: “Active”, “Standby”.	Cisco SBC service state down trap
csbServiceStateEvent	1.3.6.1.4.1.9.9.658.0.4	1.3.6.1.4.1.9.9.658.1.28	= 2	Sent when there is a change in the state of a service card. The changes in the service state are: “Active”, “Standby”.	Cisco SBC service state informational trap
csbSystemCongestionAlarmEvent	1.3.6.1.4.1.9.9.658.0.5	1.3.6.1.4.1.9.9.658.1.2	= 1	Sent when CPU/Memory congestion in SBC is raised or cleared.	Cisco SBC system congestion cleared trap
csbSystemCongestionAlarmEvent	1.3.6.1.4.1.9.9.658.0.5	1.3.6.1.4.1.9.9.658.1.2	!= (1 or 7)	Sent when CPU/Memory congestion in SBC is raised or cleared.	Cisco SBC system congestion raised trap
csbSystemCongestionAlarmEvent	1.3.6.1.4.1.9.9.658.0.5	1.3.6.1.4.1.9.9.658.1.2	= 7	Sent when CPU/Memory congestion in SBC is raised or cleared.	Cisco SBC system congestion informational trap

Table 11-1 Cisco ASR 9000 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
csbSLAViolationRev1	1.3.6.1.4.1.9.9.658.0.10	1.3.6.1.4.1.9.9.658.1.2	= 1	Sent when there is a violation of a Service Level Agreement (SLA) as described in the policy tables. TypicalSLAs include maximum number of calls allowed, max call rate, max bandwidth, etc. This trap replaces csbSLAViolation.	Cisco SBC SLA violation off trap
csbSLAViolationRev1	1.3.6.1.4.1.9.9.658.0.10	1.3.6.1.4.1.9.9.658.1.2	!= (1 or 7)	Sent when there is a violation of a Service Level Agreement (SLA) as described in the policy tables. TypicalSLAs include maximum number of calls allowed, max call rate, max bandwidth, etc. This trap replaces csbSLAViolation.	Cisco SBC SLA violation on trap
csbSLAViolationRev1	1.3.6.1.4.1.9.9.658.0.10	1.3.6.1.4.1.9.9.658.1.2	= 7	Sent when there is a violation of a Service Level Agreement (SLA) as described in the policy tables. TypicalSLAs include maximum number of calls allowed, max call rate, max bandwidth, etc. This trap replaces csbSLAViolation.	Cisco SBC SLA violation informational trap
csbRadiusConnectionStatus	1.3.6.1.4.1.9.9.658.0.7	1.3.6.1.4.1.9.9.658.1.2	= 1	Sent when the connection to the RADIUS server changes (connected or disconnected).	Cisco SBC radius connection state up trap
csbRadiusConnectionStatus	1.3.6.1.4.1.9.9.658.0.7	1.3.6.1.4.1.9.9.658.1.2	!= (1 or 7)	Sent when the connection to the RADIUS server changes (connected or disconnected).	Cisco SBC radius connection state down trap
csbRadiusConnectionStatus	1.3.6.1.4.1.9.9.658.0.7	1.3.6.1.4.1.9.9.658.1.2	= 7	Sent when the connection to the RADIUS server changes (connected or disconnected).	Cisco SBC radius connection state informational trap
csbH248ControllerStatus	1.3.6.1.4.1.9.9.658.0.9	1.3.6.1.4.1.9.9.658.1.2	= 1	Sent when, in distributed deployment model, a DBE is attached or detached from the SBC.	Cisco SBC H248 controller state up trap
csbH248ControllerStatus	1.3.6.1.4.1.9.9.658.0.9	1.3.6.1.4.1.9.9.658.1.2	!= (1 or 7)	Sent when, in distributed deployment model, a DBE is attached or detached from the SBC.	Cisco SBC H248 controller state down trap
csbH248ControllerStatus	1.3.6.1.4.1.9.9.658.0.9	1.3.6.1.4.1.9.9.658.1.2	= 7	Sent when, in distributed deployment model, a DBE is attached or detached from the SBC.	Cisco SBC H248 controller state informational trap

Cisco IOS V1 Traps

Table 11-2 lists the Cisco IOS V1 traps supported in Cisco ANA.

Table 11-2 Cisco IOS V1 Traps

Trap Name	Generic Type	Specific Type	Enterprise OID	Description	SubType Varbind OID	SubType Varbind Value	Short Description
ciscoEnvMonTemperatureNotification	6	3	1.3.6.1.4.1.9.9.13.3.0	cisco Environment Monitoring Temperature Notification	1.3.6.1.4.1.9.9.13.1.3.1.6	3	Critical Temperature
ciscoEnvMonTemperatureNotification	6	3	1.3.6.1.4.1.9.9.13.3.0	cisco Environment Monitoring Temperature Notification	1.3.6.1.4.1.9.9.13.1.3.1.6	1	Normal Temperature
ciscoEnvMonTemperatureNotification	6	3	1.3.6.1.4.1.9.9.13.3.0	cisco Environment Monitoring Temperature Notification	1.3.6.1.4.1.9.9.13.1.3.1.6	6	Not Functioning
ciscoEnvMonTemperatureNotification	6	3	1.3.6.1.4.1.9.9.13.3.0	cisco Environment Monitoring Temperature Notification	1.3.6.1.4.1.9.9.13.1.3.1.6	5	Not Present
ciscoEnvMonTemperatureNotification	6	3	1.3.6.1.4.1.9.9.13.3.0	cisco Environment Monitoring Temperature Notification	1.3.6.1.4.1.9.9.13.1.3.1.6	4	Critical Temperature - Device Shutdown
ciscoEnvMonTemperatureNotification	6	3	1.3.6.1.4.1.9.9.13.3.0	cisco Environment Monitoring Temperature Notification	1.3.6.1.4.1.9.9.13.1.3.1.6	2	Temperature Rising
ciscoEnvMonSupplyStatusChangeNotif	6	9	1.3.6.1.4.1.9.9.13.3.0	cisco EnvMon Supply State Notification Trap	1.3.6.1.4.1.9.9.13.1.5.1.3	3	Power Supply - Critical
ciscoEnvMonSupplyStatusChangeNotif	6	9	1.3.6.1.4.1.9.9.13.3.0	cisco EnvMon Supply State Notification Trap	1.3.6.1.4.1.9.9.13.1.5.1.3	1	Power Supply - Normal
ciscoEnvMonSupplyStatusChangeNotif	6	9	1.3.6.1.4.1.9.9.13.3.0	cisco EnvMon Supply State Notification Trap	1.3.6.1.4.1.9.9.13.1.5.1.3	6	Power Supply - Not Functioning
ciscoEnvMonSupplyStatusChangeNotif	6	9	1.3.6.1.4.1.9.9.13.3.0	cisco EnvMon Supply State Notification Trap	1.3.6.1.4.1.9.9.13.1.5.1.3	5	Power Supply - Not Present
ciscoEnvMonSupplyStatusChangeNotif	6	9	1.3.6.1.4.1.9.9.13.3.0	cisco EnvMon Supply State Notification Trap	1.3.6.1.4.1.9.9.13.1.5.1.3	4	Power Supply - Shutdown

Table 11-2 Cisco IOS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Description	SubType Varbind OID	SubType Varbind Value	Short Description
ciscoEnvMonSuppStatusChangeNotif	6	9	1.3.6.1.4.1.9.9.13.3.0	cisco EnvMon Supply State Notification Trap	1.3.6.1.4.1.9.9.13.1.5.1.3	2	Power Supply - Warning
ciscoEnvMonFanNotification	6	4	1.3.6.1.4.1.9.9.13.3.0	cisco private fan down trap	1.3.6.1.4.1.9.9.13.1.4.1.3	!= 1	Fan down trap
ciscoEnvMonFanNotification	6	4	1.3.6.1.4.1.9.9.13.3.0	cisco private fan down trap	1.3.6.1.4.1.9.9.13.1.4.1.3	1	Fan up trap
rttMonTimeoutNotification	6	2	1.3.6.1.4.1.9.9.42.2.0	Indicates the occurrence of a timeout for an RTT operation	N/A	N/A	RTT Operation Timeout
rttMonThresholdNotification	6	3	1.3.6.1.4.1.9.9.42.2.0	Indicates the occurrence of a threshold violation for an RTT operation	N/A	N/A	RTT Operation Threshold Violation
topologyChange	6	2	1.3.6.1.2.1.17	Sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state.	N/A	N/A	dot1qBridge trap

Table 11-2 Cisco IOS V1 Traps (Continued)

Trap Name	Generic Type	Specific Type	Enterprise OID	Description	SubType Varbind OID	SubType Varbind Value	Short Description
cEtherCfmCcMepUp	6	1	1.3.6.1.4.1.9.9.461	Sent when: • Aremote MEP first comes up (i.e., when we receive a CC message from that MEP for the first time). • The device receives a CC message from a MEP for which it has an expired CCDB entry. • A CC message is received for a remote MEP for which the device already has a CCDB entry and the port state in the received CC message is different from the cached previous state.	N/A	N/A	Mep up trap
cEtherCfmCcMepDown	6	2	1.3.6.1.4.1.9.9.461	Sent when a remote MEP goes down, namely, the entry in CCDB corresponding to this MEP times out or the device receives a CC message with zero hold-time	N/A	N/A	Mep down trap
coldStart	6	0	1.3.6.1.2.1.11.0	Indicates that the sending protocol entity is reinitializing itself such that the agent's configuration or the protocol entity implementation may be altered.	N/A	N/A	Cold start trap

Cisco IOS V2 Traps

Table 11-3 lists the Cisco IOS V2 traps supported in Cisco ANA.

Table 11-3 Cisco IOS V2 Traps

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
cbfDefineFileCompletion	.1.3.6.1.4.1.9.9.81.2.0.1	N/A	N/A	A cbfDefineFileCompletion notification is sent on the following conditions: • Completion of a file consumption operation in case of ephemeral files. • Completion of file creation operation in case of volatile or permanent files. • Any error during file creation.	CBF File operation state indicator
cbgpBackwardTransition	.1.3.6.1.4.1.9.9.187.0.2	NA	NA	The cbgpBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state. The bgpPeerRemoteAddr value is attached to the notification object ID.	Cisco BGP backward transition trap
cbgpFsmStateChange	.1.3.6.1.4.1.9.9.187.0.1	1.3.6.1.4.1.9.9.187.0.2	= 1	The BGP cbgpFsmStateChange notification is generated for every BGP FSM state change.	Cisco BGP down trap
cbgpFsmStateChange	.1.3.6.1.4.1.9.9.187.0.1	1.3.6.1.4.1.9.9.187.0.2	= 6	The BGP cbgpFsmStateChange notification is generated for every BGP FSM state change.	Cisco BGP established trap
cbgpFsmStateChange	.1.3.6.1.4.1.9.9.187.0.1	1.3.6.1.4.1.9.9.187.0.2	!= (1 or 6)	The BGP cbgpFsmStateChange notification is generated for every BGP FSM state change.	Cisco BGP FSM state changed trap
cbgpPrefixThresholdExceeded	.1.3.6.1.4.1.9.9.187.0.3	NA	NA	Sent when prefix count exceeds the configured warning threshold on a session for an address family	Cisco BGP prefix threshold exceeded

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
cbgpPrefixThresholdClear	.1.3.6.1.4.1.9.9.187.0.4	NA	NA	The cbgpPrefixThresholdClear notification is generated when prefix count drops below the configured clear threshold on a session for an address familly once cbgpPrefixThresholdExceeded is generated. This won't be generated if the peer session goes down after the generation of bgpPrefixThresholdExceeded. The bgpPeerRemoteAddr, bgpPeerAddrFamilyAfi and cbgpPeerAddrFamilySafi values are attached to the notification object ID.	Cisco BGP prefix threshold clear
ccCopyCompletion	.1.3.6.1.4.1.9.9.96.2.1.1	N/A	N/A	A ccCopyCompletion trap is sent at the completion of a config-copy request. The ccCopyFailCause is not instantiated, and hence not included in a trap, when the ccCopyState is success	Config-copy request completion
ciscoConfigManEvent	.1.3.6.1.4.1.9.9.43.2.0.1	N/A	N/A	Notification of a configuration management event as recorded in ccmHistoryEventTable.	Cisco Configuration management event notification
cefcFanTrayStatusChange	.1.3.6.1.4.1.9.9.117.2.0.6	1.3.6.1.4.1.9.9.117.1.4.1.1.1	!=2	Sent when the value of cefcFanTrayOperStatus changes.	cefc Fan-tray oper status down
cefcFanTrayStatusChange	.1.3.6.1.4.1.9.9.117.2.0.6	1.3.6.1.4.1.9.9.117.1.4.1.1.1	=2	Sent when the value of cefcFanTrayOperStatus changes.	cefc fan-tray oper status up
cefcFRUInserted	.1.3.6.1.4.1.9.9.117.2.0.3	N/A	N/A	The cecfFRUInserted notification indicates that an FRU was inserted. The varbind for this notification indicates the entPhysicalIndex of the inserted FRU, and the entPhysicalIndex of the FRU's container.	cefc FRU inserted
cefcFRURemoved	.1.3.6.1.4.1.9.9.117.2.0.4	N/A	N/A	The cefcFRURemoved notification indicates that an FRU was removed. The varbind for this notification indicates the entPhysicalIndex of the removed FRU, and the entPhysicalIndex of the FRU's container.	cefc FRU removed

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
cefcModuleStatusChange	.1.3.6.1.4.1.9.9.117.2.0.1	1.3.6.1.4.1.9.9.117.1.2.1.1.2	!=2	Sent when the value of cefcModuleOperStatus changes. It can be used by an NMS to update the status of the module it is managing.	cefc module oper status down
cefcModuleStatusChange	.1.3.6.1.4.1.9.9.117.2.0.1	1.3.6.1.4.1.9.9.117.1.2.1.1.2	=2	Sent when the value of cefcModuleOperStatus changes. It can be used by an NMS to update the status of the module it is managing.	cefc module oper status up
cefcPowerStatusChange	.1.3.6.1.4.1.9.9.117.2.0.2	1.3.6.1.4.1.9.9.117.1.1.2.1.2	!=2	The cefcFRUPowerStatusChange notification indicates that the power status of an FRU has changed. The varbind for this notification indicates the entPhysicalIndex of the FRU, and the new operational-status of the FRU.	cefc Power status down
cefcPowerStatusChange	.1.3.6.1.4.1.9.9.117.2.0.2	1.3.6.1.4.1.9.9.117.1.1.2.1.2	=2	The cefcFRUPowerStatusChange notification indicates that the power status of an FRU has changed. The varbind for this notification indicates the entPhysicalIndex of the FRU, and the new operational-status of the FRU.	cefc Power status up
entSensorThresholdNotification	.1.3.6.1.4.1.9.9.91.2.0.1	N/A	N/A	The sensor value crossed the threshold listed in entSensorThresholdTable. Sent once each time the sensor value crosses the threshold	sensor value crossed threshold in entSensorThresholdTable
ciscoFlashCopyCompletionTrap	.1.3.6.1.4.1.9.9.10.1.3.0.1	1.3.6.1.4.1.9.9.10.1.2.1.1.8	!= (0 or 1 or 2)	A ciscoFlashCopyCompletionTrap is sent at the completion of a flash copy operation if such a trap was requested when the operation was initiated.	Cisco flash copy failed
ciscoFlashCopyCompletionTrap	.1.3.6.1.4.1.9.9.10.1.3.0.1	1.3.6.1.4.1.9.9.10.1.2.1.1.8	=2	A ciscoFlashCopyCompletionTrap is sent at the completion of a flash copy operation if such a trap was requested when the operation was initiated.	Cisco flash copy completion
ciscoFlashCopyCompletionTrap	.1.3.6.1.4.1.9.9.10.1.3.0.1	1.3.6.1.4.1.9.9.10.1.2.1.1.8	= (0 or 1)	A ciscoFlashCopyCompletionTrap is sent at the completion of a flash copy operation if such a trap was requested when the operation was initiated.	Cisco flash copy in progress
ciscoFlashDeviceChangeTrap	.1.3.6.1.4.1.9.9.10.1.3.0.4	N/A	N/A	A ciscoFlashDeviceChangeTrap is sent whenever a removable Flash device is inserted or removed.	Cisco Flash device changed

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
ciscoFlashDeviceInsertedNotif	.1.3.6.1.4.1.9.9.10.1.3.0.5	N/A	N/A	A ciscoFlashDeviceInsertedNotif notification is sent whenever a removable Flash device is inserted.	Cisco Flash device inserted
ciscoFlashDeviceRemovedNotif	.1.3.6.1.4.1.9.9.10.1.3.0.6	N/A	N/A	A ciscoFlashDeviceRemovedNotif notification is sent whenever a removable Flash device is removed.	Cisco Flash device removed
ciscoFlashDeviceInsertedNotifRev1	.1.3.6.1.4.1.9.9.10.1.3.0.7	N/A	N/A	This notification is sent whenever a removable Flash device is inserted. The notification deprecates ciscoFlashDeviceInsertedNotif since it uses ciscoFlashDeviceName as a varbind, which is deprecated.	Cisco Flash device inserted
ciscoFlashDeviceRemovedNotifRev1	.1.3.6.1.4.1.9.9.10.1.3.0.8	N/A	N/A	This notification is sent whenever a removable Flash device is removed. It deprecates ciscoFlashDeviceRemovedNotif since it uses ciscoFlashDeviceName as a varbind which is deprecated.	Cisco Flash device removed
ciscoFlashMiscOpCompletionTrap	.1.3.6.1.4.1.9.9.10.1.3.0.3	1.3.6.1.4.1.9.9.10.1.2.3.1.4	=2	This notification is sent at the completion of a miscellaneous flash operation (enumerated in ciscoFlashMiscOpCommand) if such a trap was requested when the operation was initiated.	Cisco Flash miscellaneous operation completed
ciscoFlashMiscOpCompletionTrap	.1.3.6.1.4.1.9.9.10.1.3.0.3	1.3.6.1.4.1.9.9.10.1.2.3.1.4	=2	This notification is sent at the completion of a miscellaneous flash operation (enumerated in ciscoFlashMiscOpCommand) if such a trap was requested when the operation was initiated.	Cisco Flash partitioning Completed
ciscoFlashMiscOpCompletionTrap	.1.3.6.1.4.1.9.9.10.1.3.0.3	1.3.6.1.4.1.9.9.10.1.2.3.1.4	=1	This notification is sent at the completion of a miscellaneous flash operation (enumerated in ciscoFlashMiscOpCommand) if such a trap was requested when the operation was initiated.	Cisco Flash miscellaneous operation in progress
chassisAlarmOff	1.3.6.1.4.1.9.5.0.6	N/A	N/A	Chassis alarm trap	chassis alarm off
chassisAlarmOn	1.3.6.1.4.1.9.5.0.5	N/A	N/A	Chassis alarm trap	chassis alarm on

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
cPimNbrLoss	.1.3.6.1.4.1.9.10.119.0.2	N/A	N/A	A cPimNbrLoss trap signifies the loss of an adjacency with a neighbor. This trap should be generated when the neighbor timer expires, and the router has no other neighbors on the same interface with a lower IP address than itself.	Cisco PIM neighbor lost
ciscoPingCompletion	.1.3.6.1.4.1.9.9.16.2.0.1	N/A	N/A	A ciscoPingCompleted trap is sent at the completion of a sequence of pings if such a trap was requested when the sequence was initiated.	Cisco ping completion
rttMonNotification	.1.3.6.1.4.1.9.9.42.2.0.5	N/A	N/A	Indicates the occurrence of a threshold violation, and that the previous violation has subsided for a subsequent operation.	RTT threshold violation or clearance
ciscoSonetSectionStatusChange	.1.3.6.1.4.1.9.9.126.0.1	1.3.6.1.2.1.10.39.1.2.1.1.1	!=1	Sent whenever the value of sonetSectionCurrentStatus changes to value more than 1.	Cisco Sonet section status changed to error
ciscoSonetSectionStatusChange	.1.3.6.1.4.1.9.9.126.0.1	1.3.6.1.2.1.10.39.1.2.1.1.1	=1	Sent whenever the value of sonetSectionCurrentStatus changes to value 1.	Cisco Sonet section status changed to error
ciscoSonetLineStatusChange	.1.3.6.1.4.1.9.9.126.0.2	1.3.6.1.2.1.10.39.1.3.1.1.1	!=1	Sent whenever the value of sonetLineCurrentStatus changes to value more than 1.	Cisco Sonet line status changed to error
ciscoSonetLineStatusChange	.1.3.6.1.4.1.9.9.126.0.2	1.3.6.1.2.1.10.39.1.3.1.1.1	=1	Sent whenever the value of sonetLineCurrentStatus changes to value 1.	Cisco Sonet line status changed to clear
ciscoSonetPathStatusChange	.1.3.6.1.4.1.9.9.126.0.3	1.3.6.1.2.1.10.39.2.1.1.1.2	!=1	Sent whenever the value of sonetPathCurrentStatus changes to value more than 1.	Cisco Sonet path status changed to error
ciscoSonetPathStatusChange	.1.3.6.1.4.1.9.9.126.0.3	1.3.6.1.2.1.10.39.2.1.1.1.2	=1	Sent whenever the value of sonetPathCurrentStatus changes to value 1.	Cisco Sonet path status changed to clear
mplsLdpFailedInitSessionThresholdExceeded	.1.3.6.1.4.1.9.10.65.2.0.1	N/A	N/A	Sent when the value of the mplsLdpEntityPVLimitMismatchTrapEnable object is enabled (1) and mplsLdpEntityFailedInitSessionThreshold object has been exceeded.	MPLS LDP init session threshold exceeded Trap
mplsLdpSessionDown	.1.3.6.1.4.1.9.10.65.2.0.4	N/A	N/A	Generation of this trap occurs when the 'mplsLdpSessionUpDownTrapEnable' object is 'enabled(1)' and the value of mplsLdpSessionState changes from 'operational(5)' to any other state.	MPLS LDP session down Trap

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
mplsLdpSessionUp	.1.3.6.1.4.1.9.10.65.2.0.3	N/A	N/A	Generation of this trap occurs when the 'mplsLdpSessionUpDownTrapEnable' object is 'enabled(1)' and the value of mplsLdpSessionState changes from any state accept 'nonexistent(1)' to 'operational'.	MPLS LDP session up Trap
mplsTunnelUp	.1.3.6.1.3.95.3.0.1	N/A	N/A	Sent when a mplsTunnelOperStatus object for one of the configured tunnels is about to leave the down state and transition into some other state (but not into the notPresent state). This other state is indicated by the included value of mplsTunnelOperStatus.	MPLS-TE tunnel up
mplsTunnelDown	.1.3.6.1.3.95.3.0.2	N/A	N/A	Sent when a mplsTunnelOperStatus object for one of the configured tunnels is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of mplsTunnelOperStatus.	MPLS-TE tunnel down
mplsTunnelRerouted	.1.3.6.1.3.95.3.0.3	N/A	N/A	Sent when a tunnel is rerouted or re-optimized. If the Actual Path is used, then this object MAY contain the new path for this tunnel some time after this trap is issued by the agent	MPLS-TE tunnel reoptimized
ciscoIpMRouteMissingHeartBeats	.1.3.6.1.4.1.9.10.2.3.1.0.1	N/A	N/A	A notification is sent if a multicast router with this feature enabled failed to receive configured number of heartbeat packets from heartbeat sources within a configured time interval	Failed receive multicast router heartbeat
ciscoRFProgressionNotif	1.3.6.1.4.1.9.9.176.2.0.2	N/A	N/A	VSL link goes down or one of the chassis reloads	Cisco VSS Shelf 1 is Disabled
ciscoRFProgressionNotif	1.3.6.1.4.1.9.9.176.2.0.2	N/A	N/A	VSL link goes down or one of the chassis reloads	Cisco VSS Shelf 1 is Standby Cold
ciscoRFProgressionNotif	1.3.6.1.4.1.9.9.176.2.0.2	N/A	N/A	VSL link goes down or one of the chassis reloads	Cisco VSS Shelf 1 is Standby Hot
ciscoRFProgressionNotif	1.3.6.1.4.1.9.9.176.2.0.2	N/A	N/A	VSL link goes down or one of the chassis reloads	Cisco VSS Shelf 2 is Disabled
ciscoRFProgressionNotif	1.3.6.1.4.1.9.9.176.2.0.2	N/A	N/A	VSL link goes down or one of the chassis reloads	Cisco VSS Shelf 2 is Standby Cold

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
ciscoRFProgressionNotif	1.3.6.1.4.1.9.9.176.2.0.2	N/A	N/A	VSL link goes down or one of the chassis reloads	Cisco VSS Shelf 2 is Standby Hot
cvsVSLConnectionChangeNotif	1.3.6.1.4.1.9.9.388.0.1	N/A	N/A	When VSL connection is down	VSL Connection Changed: Down
cvsVSLConnectionChangeNotif	1.3.6.1.4.1.9.9.388.0.1	N/A	N/A	When VSL connection is up	VSL Connection Changed: Up
rttMonTimeoutNotification	.1.3.6.1.4.1.9.9.42.2.0.2	N/A	N/A	Indicates the occurrence of a timeout for a RTT operation	RTT Operation Timeout
rttMonThresholdNotification	.1.3.6.1.4.1.9.9.42.2.0.3	N/A	N/A	Indicates the occurrence of a threshold violation for a RTT operation	RTT Operation Threshold Violation
topologyChange	.1.3.6.1.2.1.17.0.2	N/A	N/A	Sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state.	dot1qBridge trap
cEtherCfmCcMepUp	.1.3.6.1.4.1.9.9.461.0.0.1	N/A	N/A	Sent in the following cases: • When a remote MEP first comes up, that is when we receive CC message from that MEP for the first time. • When the device receives a CC message from a MEP for which t has an expired CCDB entry. • When a CC message is received for a remote MEP for which the device already has a CCDB entry and the port-state in the received CC message is different from the cached previous state	Mep up trap
cEtherCfmCcMepDown	.1.3.6.1.4.1.9.9.461.0.0.2	N/A	N/A	Sent when a remote MEP goes down, namely, the entry in CCDB corresponding to this MEP times out or the device receives a CC message with zero hold-time	Mep down trap
coldStart	.1.3.6.1.2.1.11.0.0	N/A	N/A	Indicates that the sending protocol entity is reinitializing itself such that the agent's configuration or the protocol entity implementation may be altered.	Cold start trap

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
cHsrpStateChange	1.3.6.1.4.1.9.9.106.2.0.1	1.3.6.1.4.1.9.9.106.1.2.1.1.15	= 5	Sent when a cHsrpGrpStandbyState transitions to either active or standby state, or leaves active or standby state. There will be only one notification issued when the state change is from standby to active and vice versa.	Cisco hsrp state standby
cHsrpStateChange	1.3.6.1.4.1.9.9.106.2.0.1	1.3.6.1.4.1.9.9.106.1.2.1.1.15	= ^	Sent when a cHsrpGrpStandbyState transitions to either active or standby state, or leaves active or standby state. There will be only one notification issued when the state change is from standby to active and vice versa.	Cisco hsrp state non active
cHsrpStateChange	1.3.6.1.4.1.9.9.106.2.0.1	1.3.6.1.4.1.9.9.106.1.2.1.1.15	= 6	Sent when a cHsrpGrpStandbyState transitions to either active or standby state, or leaves active or standby state. There will be only one notification issued when the state change is from standby to active and vice versa.	Cisco hsrp state active
ciscoEnvMonFan Notification	1.3.6.1.4.1.9.9.13.3.0.4	1.3.6.1.4.1.9.9.13.1.4.1.3	= 3	Sent if any one of the fans in the fan array (where existent) fails. Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Fan Critical Trap
ciscoEnvMonFan Notification	1.3.6.1.4.1.9.9.13.3.0.4	1.3.6.1.4.1.9.9.13.1.4.1.3	= 1	Sent if any one of the fans in the fan array (where existent) fails. Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Fan Normal Trap
ciscoEnvMonFan Notification	1.3.6.1.4.1.9.9.13.3.0.4	1.3.6.1.4.1.9.9.13.1.4.1.3	= 6	Sent if any one of the fans in the fan array (where existent) fails. Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Fan Not Functioning Trap

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
ciscoEnvMonFan Notification	1.3.6.1.4.1.9 .9.13.3.0.4	1.3.6.1.4.1.9 .9.13.1.4.1.3	= 5	Sent if any one of the fans in the fan array (where existent) fails. Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Fan Not Present Trap
ciscoEnvMonFan Notification	1.3.6.1.4.1.9 .9.13.3.0.4	1.3.6.1.4.1.9 .9.13.1.4.1.3	= 4	Sent if any one of the fans in the fan array (where existent) fails. Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Fan Shutdown Trap
ciscoEnvMonFan Notification	1.3.6.1.4.1.9 .9.13.3.0.4	1.3.6.1.4.1.9 .9.13.1.4.1.3	= 2	Sent if any one of the fans in the fan array (where existent) fails. Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Fan Warning Trap
ciscoEnvMonRedu ndantSupplyNotifi cation	1.3.6.1.4.1.9 .9.13.3.0.5	1.3.6.1.4.1.9 .9.13.1.5.1.3	= 3	Sent if the redundant power supply (where existent) fails. Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Redundant PowerSupply Critical Trap
ciscoEnvMonRedu ndantSupplyNotifi cation	1.3.6.1.4.1.9 .9.13.3.0.5	1.3.6.1.4.1.9 .9.13.1.5.1.3	= 1	Sent if the redundant power supply (where existent) fails. Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Redundant PowerSupply Normal Trap
ciscoEnvMonRedu ndantSupplyNotifi cation	1.3.6.1.4.1.9 .9.13.3.0.5	1.3.6.1.4.1.9 .9.13.1.5.1.3	= 6	Sent if the redundant power supply (where existent) fails. Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Redundant PowerSupply Not Functioning Trap

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
ciscoEnvMonRedundantSupplyNotification	1.3.6.1.4.1.9.9.13.3.0.5	1.3.6.1.4.1.9.9.13.1.5.1.3	= 5	Sent if the redundant power supply (where existent) fails. Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Redundant PowerSupply Not Present Trap
ciscoEnvMonRedundantSupplyNotification	1.3.6.1.4.1.9.9.13.3.0.5	1.3.6.1.4.1.9.9.13.1.5.1.3	= 4	Sent if the redundant power supply (where existent) fails. Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Redundant PowerSupply Shutdown Trap
ciscoEnvMonRedundantSupplyNotification	1.3.6.1.4.1.9.9.13.3.0.5	1.3.6.1.4.1.9.9.13.1.5.1.3	= 2	Sent if the redundant power supply (where existent) fails. Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Redundant PowerSupply Warning Trap
ciscoEnvMonTemperatureNotification	1.3.6.1.4.1.9.9.13.3.0.3	1.3.6.1.4.1.9.9.13.1.3.1.6	= 3	Sent if the temperature measured at a given testpoint is outside the normal range for the testpoint (i.e., is at the warning, critical, or shutdown stage). Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Critical Temperature
ciscoEnvMonTemperatureNotification	1.3.6.1.4.1.9.9.13.3.0.3	1.3.6.1.4.1.9.9.13.1.3.1.6	= 1	Sent if the temperature measured at a given testpoint is outside the normal range for the testpoint (i.e., is at the warning, critical, or shutdown stage). Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does the ciscoEnvMonShutdownNotification.	Normal Temperature

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
ciscoEnvMonTemperatureNotification	1.3.6.1.4.1.9.9.13.3.0.3	1.3.6.1.4.1.9.9.13.1.3.1.6	= 6	Sent if the temperature measured at a given testpoint is outside the normal range for the testpoint (i.e., is at the warning, critical, or shutdown stage). Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Not Functioning
ciscoEnvMonTemperatureNotification	1.3.6.1.4.1.9.9.13.3.0.3	1.3.6.1.4.1.9.9.13.1.3.1.6	= 5	Sent if the temperature measured at a given testpoint is outside the normal range for the testpoint (i.e. is at the warning, critical, or shutdown stage). Since such a Notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does the ciscoEnvMonShutdownNotification.	Not Present
ciscoEnvMonTemperatureNotification	1.3.6.1.4.1.9.9.13.3.0.3	1.3.6.1.4.1.9.9.13.1.3.1.6	= 4	Sent if the temperature measured at a given testpoint is outside the normal range for the testpoint (i.e. is at the warning, critical, or shutdown stage). Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	Critical Temperature-Device Shutdown
ciscoEnvMonTemperatureNotification	1.3.6.1.4.1.9.9.13.3.0.3	1.3.6.1.4.1.9.9.13.1.3.1.6	= 2	Sent if the temperature measured at a given testpoint is outside the normal range for the testpoint (i.e. is at the warning, critical, or shutdown stage). Since this notification is usually generated before the shutdown state is reached, it can convey more data and has a better chance of being sent than does ciscoEnvMonShutdownNotification.	temperatureRising

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
newRoot	1.3.6.1.2.1.17.0.1	NA	NA	Indicates that the sending agent has become the new root of the Spanning Tree. The trap is sent by a bridge soon after its election as the new root, e.g., upon expiration of the Topology Change Timer, immediately subsequent to its election. Implementation of this trap is optional.	STP New Root Trap
stpxInconsistency Update	1.3.6.1.4.1.9.9.82.2.0.1	1.3.6.1.4.1.9.9.82.1.3.1.1.3	=1	Sent by a bridge when an instance of stpxInconsistentState is created or destroyed (i.e., when an inconsistency is discovered in the VLAN's Spanning Tree for a particular port, or when such an inconsistency disappears). The trap is not sent if the port transitions between different types of inconsistency. The stpxInconsistentState value indicates the type of inconsistency which now exists (or no longer exists) for the relevant VLAN on the relevant port.	STPX Port Inconsistency discovered Trap
stpxInconsistency Update	1.3.6.1.4.1.9.9.82.2.0.1	1.3.6.1.4.1.9.9.82.1.3.1.1.4	=2	Sent by a bridge when an instance of stpxInconsistentState is created or destroyed (i.e., when an inconsistency is discovered in the VLAN's Spanning Tree for a particular port, or when such an inconsistency disappears). The trap is not sent if the port transitions between different types of inconsistency. The stpxInconsistentState value indicates the type of inconsistency which now exists (or no longer exists) for the relevant VLAN on the relevant port.	STPX Port Inconsistency resolved Trap

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
stpxLoopInconsistencyUpdate	1.3.6.1.4.1.9.9.82.2.0.3	1.3.6.1.4.1.9.9.82.1.8.2.1.3	= 1	Sent by a bridge when an instance of stpxLoopInconsistencyState is created or destroyed (i.e., when a loop-inconsistency is discovered in the VLAN's or instance's Spanning Tree for a particular port, or when such a loop-inconsistency disappears). For creation, the value of stpxLoopInconsistencyState in the notification is true (1). For deletion, the value is false (2). The stpxSpanningTreeType object value indicates which Spanning Tree protocol is running when an instance of stpxLoopInconsistencyState is created or destroyed.	STPX Loop Inconsistency Discovered Trap
stpxLoopInconsistencyUpdate	1.3.6.1.4.1.9.9.82.2.0.3	1.3.6.1.4.1.9.9.82.1.8.2.1.3	= 2	Sent by a bridge when an instance of stpxLoopInconsistencyState is created or destroyed (i.e., when a loop-inconsistency is discovered in the VLAN's or instance's Spanning Tree for a particular port, or when such a loop-inconsistency disappears). For creation, the value of stpxLoopInconsistencyState in the notification is true (1). For deletion, the value is false (2). The stpxSpanningTreeType object value indicates which Spanning Tree protocol is running when an instance of stpxLoopInconsistencyState is created or destroyed.	STPX Loop Inconsistency Discovered Trap
stpxRootInconsistencyUpdate	1.3.6.1.4.1.9.9.82.2.0.2	1.3.6.1.4.1.9.9.82.1.5.2.1.3	= 1	Sent by a bridge when an instance of stpxRootInconsistencyState is created or destroyed (i.e., when a root-inconsistency is discovered in the VLAN's or instance's Spanning Tree for a particular port, or when such a root-inconsistency disappears). For creation, the value of stpxRootInconsistencyState in the notification is true (1). For deletion, the value is false (2). The object value of stpxSpanningTreeType indicates which Spanning Tree protocol is running when an instance of stpxRootInconsistencyState is created or destroyed.	STPX Root Inconsistency Discovered Trap

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
stpxRootInconsistencyUpdate	1.3.6.1.4.1.9.9.82.2.0.2	1.3.6.1.4.1.9.9.82.1.5.2.1.3	= 2	Sent by a bridge when an instance of stpxRootInconsistencyState is created or destroyed (i.e., when a root-inconsistency is discovered in the VLAN's or instance's Spanning Tree for a particular port, or when such a root-inconsistency disappears). For creation, the value of stpxRootInconsistencyState in the notification is true (1). For deletion the value is false (2). The object value of stpxSpanningTreeType indicates which Spanning Tree protocol is running when an instance of stpxRootInconsistencyState is created or destroyed.	STPX Root Inconsistency Resolved Trap
vtp Config Rev Number Error	1.3.6.1.4.1.9.9.46.2.0.1	NA	NA	Indicates that a device has incremented its vtpConfigRevNumberErrors counter. Suppressed if the vtpNotificationsEnabled has the value “false”. The device must throttle generation of consecutive vtpConfigRevNumberError traps so that there is at least a five-second gap between them. Throttled traps are dropped, not queued for sending at a future time. Note that “generating” a trap means sending to all configured recipients.	vtp configuration revision number error trap
vtpConfigDigestError	1.3.6.1.4.1.9.9.46.2.0.2	NA	NA	Indicates that a device has incremented its vtpConfigDigestErrors counter. Suppressed if the vtpNotificationsEnabled has the value “false”. The device must throttle generation of consecutive vtpConfigDigestError traps so that there is at least a five-second gap between them. Throttled traps are dropped, not queued for sending at a future time. Note that "generating" a trap means sending to all configured recipients.	vtp configuration digest error trap

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
cisco-EnvMon-Shutdown-Notification-Trap	1.3.6.1.4.1.9.9.13.3.0.1	NA	NA	Sent if the environmental monitor detects a testpoint reaching a critical state and is about to initiate a shutdown. This trap contains no objects so that it may be encoded and sent in the shortest amount of time possible. Even so, management applications should not rely on receiving such a trap as it may not be sent before the shutdown completes.	cisco EnvMon Shutdown Notification Trap
caem Temperature Notification	1.3.6.1.4.1.9.9.61.2.0.1	NA	NA	A caemTemperatureNotification is sent if the over-temperature condition is detected in the managed system. This is a replacement for the ciscoEnvMonTemperatureNotification trap because the information ciscoEnvMonTemperatureStatusValue required by the trap is not available in the managed system.	caem Temperature Notification Trap
caem Voltage Notification	1.3.6.1.4.1.9.9.61.2.0.2	NA	NA	Sent if the over-voltage condition is detected and ciscoEnvMonVoltageState is not set to “notPresent” in the managed system. This is a replacement for the ciscoEnvMonVoltageNotification trap because the information ciscoEnvMonVoltageStatusValue required by the trap is not available in the managed system.	caem Voltage Notification Trap
cmn-Mac-Changed-Notification-Trap	1.3.6.1.4.1.9.9.215.2.0.1	NA	NA	Sent when there is enough MAC address information to fully occupy a maximum size SNMP trap message. This trap is also sent when there is at least one MAC address changed or removed and the amount of time elapsed from the previous trap is greater than the maximum wait time denoted by the cmnNotificationInterval object. If there are more MAC addresses than can fit into a cmmHistTrapContent object, multiple traps are sent.	cmn Mac Changed Notification Trap
cmn-Mac-Move-Notification-Trap	1.3.6.1.4.1.9.9.215.2.0.2	NA	NA	Sent when a MAC address is moved between two interfaces.	cmn Mac Move Notification Trap

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
vtp VersionOne Device Detected	1.3.6.1.4.1.9 .9.46.2.0.6	NA	NA	Sent by a device when: 1. A management domain has been put into version 2 mode (as accessed by managementDomainVersionIn Use). 2. 15 minutes has passed since (1). 3. A version 1 PDU is detected on a trunk on the device that is in that management domain which has a lower revision number than the current configuration.	vtp VersionOne Device Detected trap
vtp Local Mode Changed	1.3.6.1.4.1.9 .9.46.2.0.8	NA	NA	Sent by a device when the value of the managementDomainLocalMode object is changed.	vtp Local Mode Changed trap
vtp VersionInUse Changed	1.3.6.1.4.1.9 .9.46.2.0.9	NA	NA	Sent by a device when the value of managementDomainVersionInUse object is changed.	vtp VersionInUse Changed trap
trunking	1.3.6.1.4.1.9 .9.46.2.0.7	1.3.6.1.4.1.9 .9.46.1.6.1.1 .14	= 1	Sent by a device when the value of the vlanTrunkPortDynamicStatus object is changed.	Vlan trunk port dynamic status changed to trunking
not trunking	1.3.6.1.4.1.9 .9.46.2.0.7	1.3.6.1.4.1.9 .9.46.1.6.1.1 .14	2	Sent by a device when the value of vlanTrunkPortDynamicStatus object has been changed.	Vlan trunk port dynamic status changed to not trunking
cps-Secure-MacA ddr-Violation-Trap	1.3.6.1.4.1.9 .9.315.0.0.1	NA	NA	Sent when port security address violation is detected on a secure non-trunk, access interface (that carries a single VLAN) and the cpsIfViolationAction is set to “dropNotify”.	cps Secure MacAddr Violation Trap
cps-IfVlan-Secure -MacAddr-Violati on-Trap	1.3.6.1.4.1.9 .9.315.0.0.3	NA	NA	Sent when port security address violation is detected on a multi-VLAN interface and the cpsIfViolationAction is set to 'dropNotify'.	cps IfVlan Secure MacAddr Violation Trap
clc VlanMacLimit Notif	1.3.6.1.4.1.9 .9.313.0.1	NA	NA	Sent when the number of MAC addresses (the value of clcFdbVlanMacUsage) has risen above or fallen below the configured limit of MAC addresses (clcVlanMaxMacLimit).	cisco L2 Control VlanMacLimit Notif Trap

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
clc VlanMacLimit High Notif	1.3.6.1.4.1.9.9.313.0.2	NA	NA	Sent when the number of MAC addresses (the value of clcFdbVlanMacUsage) has risen above or fallen below the configured higher threshold limit of MAC addresses (clcVlanMacLimitHigh).	cisco L2 Control VlanMacLimit High Notif Trap
clc IfMacLimit Low Notif	1.3.6.1.4.1.9.9.313.0.3	NA	NA	Sent when the number of MAC addresses (the value of clcFdbIfMacUsage) has risen above or fallen below the configured lower threshold limit of MAC addresses (clcIfMacLimitLow).	cisco L2 Control IfMacLimit Low Notif Trap
clc IfMacLimit High Notif	1.3.6.1.4.1.9.9.313.0.4	NA	NA	Sent when the number of MAC addresses (the value of clcFdbIfMacUsage) has risen above or fallen below the configured higher threshold limit of MAC addresses (clcIfMacLimitHigh).	cisco L2 Control IfMacLimit High Notif Trap
clc IfVlanMacLimit Low Notif	1.3.6.1.4.1.9.9.313.0.5	NA	NA	Sent when the number of MAC addresses (the value of clcFdbIfVlanMacUsage) has risen above or fallen below the configured lower threshold limit of MAC addresses (clcIfVlanMacLimitLow).	cisco L2 Control IfVlanMacLimit Low Notif Trap
clc IfVlanMacLimit High Notif	1.3.6.1.4.1.9.9.313.0.6	NA	NA	Sent when the number of MAC addresses (the value of clcFdbIfVlanMacUsage) has risen above or fallen below the configured higher threshold limit of MAC addresses (clcIfVlanMacLimitHigh).	cisco L2 Control IfVlanMacLimit High Notif Trap
rttMonConnectionChangeNotification	1.3.6.1.4.1.9.9.42.2.0.1	NA	NA	Valid only when the RttMonRttType value is “echo” or ”pathEcho”. Indicates that a connection to a target (not to a hop along the path to a target) has failed on establishment or been lost and when reestablished. This resulted in a change in value of rttMonCtrlOperConnectionLostOccurred.	RTT Connection Change

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
rttMonTimeoutNotification	1.3.6.1.4.1.9.9.42.2.0.2	NA	NA	Indicates that a timeout for an RTT operation has occurred and that a subsequent RTT operation cleared the condition. This resulted in a change in value of rttMonCtrlOperTimeoutOccurred. When the RttMonRttType value is "pathEcho", this trap is sent only when the timeout occurs during an operation on the target and not to a hop along the path to the target. This also applies to the clearing of the timeout.	RTT Operation Timeout
rttMonThresholdNotification	1.3.6.1.4.1.9.9.42.2.0.3	NA	NA	Indicates that a threshold violation for an RTT operation has occurred, and that the violation has subsided for a subsequent RTT operation. This resulted in a change in value of rttMonCtrlOperOverThresholdOccurred. When the RttMonRttType value is "pathEcho", this trap is sent only when the threshold violation occurs during an operation to the target and not to a hop along the path to the target. This also applies to the subsiding of a threshold condition.	RTT Operation Threshold Violation
rttMonVerifyErrorNotification	1.3.6.1.4.1.9.9.42.2.0.4	NA	NA	Indicates the occurrence of data corruption in an RTT operation.	RTT Verify Error
rttMonNotification	1.3.6.1.4.1.9.9.42.2.0.5	NA	NA	Indicates the occurrence of a threshold violation, and that the previous violation has subsided for a subsequent operation.	RTT threshold violation or clearance
rttMonLpdDiscoveryNotification	1.3.6.1.4.1.9.9.42.2.0.6	NA	NA	Indicates that the LSP Path Discovery to the target PE has failed, and the clearing of this condition. This resulted in a change in value of rttMonLpdGrpStatsLPDFailOccurred. When the value of rttMonLpdGrpStatsLPDFailOccurred is "false", the instance value for rttMonLpdGrpStatsLPDFailCause is not valid.	RTT Lpd Discovery

Table 11-3 Cisco IOS V2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
rttMonLpdGrpStatusNotification	1.3.6.1.4.1.9.9.42.2.0.7	NA	NA	Indicates that the LPD Group status rttMonLpdGrpStatsGroupStatus has changed, indicating some connectivity change to the target PE. This resulted in a change in value of rttMonLpdGrpStatsGroupStatus.	RTT Lpd Grp Status
cbgpBackwardTransition	1.3.6.1.4.1.9.9.187.0.2	1.3.6.1.4.1.9.9.187.0.2	= 1	Generated when the IPv6 BGP FSM moves from a higher numbered state to a lower numbered state.	IPv6 BGP down trap
cbgpFsmStateChange	1.3.6.1.4.1.9.9.187.0.1	1.3.6.1.4.1.9.9.187.0.1	!= (1or 6)	Generated for every BGP FSM state change.	ipv6 BGP FSM state changed trap
cbgpFsmStateChange	1.3.6.1.4.1.9.9.187.0.1	1.3.6.1.4.1.9.9.187.0.1	= 6	Generated for every BGP FSM state changed.	IPv6 BGP established trap

Cisco MIB2 Traps

Table 11-4 lists the Cisco MIB2 traps supported in Cisco ANA.

Table 11-4 Cisco MIB2 Traps

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
bgpBackwardTransition	.1.3.6.1.2.1.15.7.2	NA	NA	Sent when the BGP FSM moves from a higher numbered state to a lower numbered state.	BGP down trap
bgpEstablished	.1.3.6.1.2.1.15.7.1	1.3.6.1.2.1.15.3.1.2	= 6	Sent when when the BGP FSM enters the ESTABLISHED state.	BGP established trap
mteEventSetFailure	.1.3.6.1.2.1.88.2.0.5	NA	NA	Indicates that an attempt to do a set in response to an event has failed.	mte event set failure
mteTriggerFalling	.1.3.6.1.2.1.88.2.0.3	NA	NA	Indicates that the falling threshold was met for triggers with mteTriggerType 'threshold'	mte trigger falling
mteTriggerFired	.1.3.6.1.2.1.88.2.0.1	NA	NA	Indicates that the trigger indicated by the object instances has fired, for triggers with mteTriggerType “boolean” or “existence”.	mte trigger fired
mteTriggerRising	.1.3.6.1.2.1.88.2.0.2	NA	NA	Indicates that the rising threshold was met for triggers with mteTriggerType 'threshold'	mte trigger rising

Table 11-4 Cisco MIB2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
coldStart	.1.3.6.1.6.3.1.1.5.1	NA	NA	Indicates that the SNMP entity supporting a notification originator application is reinitializing and its configuration may have been altered.	Cold start trap
warmStart	1.3.6.1.6.3.1.1.5.2	NA	NA	Indicates that the SNMP entity supporting a notification originator application is reinitializing and that its configuration is unaltered	Warm start trap
authenticationFailure	.1.3.6.1.6.3.1.1.5.5	NA	NA	Indicates that the SNMP entity has received a protocol message that is not properly authenticated. All SNMP entity implementations may be capable of generating this trap, but the snmpEnableAuthenTraps object indicates whether this trap is sent.	SNMP authentication failure
linkDown	.1.3.6.1.6.3.1.1.5.3	NA	NA	Indicates that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some state other than notPresent. This other state is indicated by the included value of ifOperStatus.	SNMP Link down
linkUp	.1.3.6.1.6.3.1.1.5.4	NA	NA	Indicates that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into a state other than notPresent. This other state is indicated by the included value of ifOperStatus.	SNMP Link up
ipv6IfStateChange	1.3.6.1.2.1.55.2.0.1	1.3.6.1.2.1.55.2.0.1		Indicates that there has been a change in the state of an ipv6 interface. This notification shouldbe generated when the interface's operational status transitions to or from the up (1) state	ipv6 interface state changed
ospfIfStateChange	.1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	= 1	Indicates that there has been a change in the state of a non-virtualOSPF interface. This trap should be sent when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	OSPF interface state changed to Down

Table 11-4 Cisco MIB2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
ospfIfStateChange	.1.3.6.1.2.1.14.16.2.16	1.3.6.1.2.1.14.7.1.12	!= 1	Indicates that there has been a change in the state of a non-virtualOSPF interface. This trap should be sent when when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup)	OSPF interface state changed to Up
ospfVirtIfStateChange	.1.3.6.1.2.1.14.16.2.1	NA	NA	Indicates that there has been a change in the state of an OSPF virtual interface. This trap should be sent when the interface state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	OSPF virtual interface state changed
ospfNbrStateChange	.1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.10.1.6	!= 8	Indicates that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be sent when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	OSPF neighbor state down
ospfNbrStateChange	.1.3.6.1.2.1.14.16.2.2	1.3.6.1.2.1.14.10.1.6	= 8	Indicates that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be sent when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	OSPF neighbor state up
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.11.1.5	!= 8	Indicates that there has been a change in the state of an OSPF virtual neighbor. This trap should be sent when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	OSPF virtual neighbor state down
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.3	1.3.6.1.2.1.14.11.1.5	= 8	Indicates that there has been a change in the state of an OSPF virtual neighbor. This trap should be sent when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).	OSPF virtual neighbor state up

Table 11-4 Cisco MIB2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
ospfIfConfig Error	.1.3.6.1.2.1. 14.16.2.4	NA	NA	Indicates that a packet has been received on a non-virtual interface from a router whose configuration parameters conflictwith this router's configuration parameters.	OSPF interface configuration error
ospfVirtIfCo nfigError	.1.3.6.1.2.1. 14.16.2.5	NA	NA	Indicates that a packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters.	OSPF virtual interface configuration error
ospfIfAuthFa ilure	.1.3.6.1.2.1. 14.16.2.6	NA	NA	Indicates that a packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	OSPF interface configuration error
ospfVirtIfAut hFailure	.1.3.6.1.2.1. 14.16.2.7	NA	NA	Indicates that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.	XR OSPF virtual interface authentication failure
ospfIfRxBad Packet	.1.3.6.1.2.1. 14.16.2.8	NA	NA	Indicates that a non-virtual interface has received an OSPF packet that cannot be parsed.	XR OSPF bad packet received
ospfVirtIfRx BadPacket	.1.3.6.1.2.1. 14.16.2.9	NA	NA	Indicates that a virtual interface has received an OSPF packet that cannot be parsed.	XR OSPF bad packet received on virtual interface
ospfTxRetran smit	.1.3.6.1.2.1. 14.16.2.10	NA	NA	Indicates than an OSPF packet has been retransmitted on a non-virtual interface.	XR OSPF packet retransmitted
ospfVirtIfTx Retransmit	.1.3.6.1.2.1. 14.16.2.11	NA	NA	Indicates than an OSPF packet has been retransmitted on a virtual interface.	OSPF packet retransmitted on virtual interface
ospfOriginate Lsa	.1.3.6.1.2.1. 14.16.2.12	NA	NA	Indicates that this router has orginated a new LSA. This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.	OSPF new LSA originated

Table 11-4 Cisco MIB2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
ospfMaxAgeLsa	.1.3.6.1.2.1.14.16.2.13	NA	NA	Indicates that one of the LSAs in the router's link-state database has aged to MaxAge.	OSPF Number of LSAs approaching overflow
mplsL3VpnNumVrfRouteMaxThreshCleared	.1.3.6.1.2.1.10.166.11.0.6	NA	NA	Sent only after the number of routes contained by the specifiedVRF exceeds or attempts to exceed the maximum allowed value as indicated by mplsVrfMaxRouteThreshold, and then falls below this value.	mpls l3 vpn numvrf routemax thresh cleared Trap
mplsL3VpnVrfDown	.1.3.6.1.2.1.10.166.11.0.2	NA	NA	Sent when: 1. One interface is associated with this VRF and the ifOperStatus of this interface changes from up (1) to down (2). 2. Multiple interfaces are associated with this VRF and the ifOperStatus of all but one of them is equal to up (1), and the ifOperStatus of that interface changes from up (1) to down(2). 3. The last interface with ifOperStatus equal to up (1) is disassociated from a VRF.	mpls l3 vpn vrf Down Trap
mplsL3VpnVrfNumVrfRouteMaxThreshExceeded	.1.3.6.1.2.1.10.166.11.0.4	NA	NA	Sent when the number of routes contained by the specified VRF exceeds or attempts to exceed the maximum allowed value indicated by mplsL3VpnVrfMaxRouteThreshold.	mpls l3 vpn vrf numvrf routemax thresh exceeded Trap
mplsL3VpnVrfRouteMidThreshExceeded	.1.3.6.1.2.1.10.166.11.0.3	NA	NA	Sent when the number of routes contained by the specified VRF exceeds the value indicated by mplsL3VpnVrfMidRouteThreshold.	mpls l3 vpn vrf routemid thresh exceeded Trap

Table 11-4 Cisco MIB2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
mplsL3VpnVrfUp	.1.3.6.1.2.1.10.166.11.0.1	NA	NA	Sent when: 1. No interface is associated with this VRF and the first (and only the first) interface associated with it has its ifOperStatus change to up (1). 2. One interface is associated with this VRF and the ifOperStatus of that interface changes to up (1). 3. Multiple interfaces are associated with this VRF, the ifOperStatus of all interfaces is down (2), and the first of those interfaces has its ifOperStatus change to up (1).	MPLS l3 vpn vrf Notifications
mplsLdpInitSessionThresholdExceeded	.1.3.6.1.2.1.10.166.4.0.1	NA	NA	Sent when the value of mplsLdpEntityInitSessionThreshold is not zero, and the number of Session Initialization messages exceeds the value of mplsLdpEntityInitSessionThreshold.	MPLS LDP init session threshold exceeded Trap
mplsLdpSessionDown	.1.3.6.1.2.1.10.166.4.0.4	NA	NA	Sent when the value of mplsLdpSessionState leaves the operational (5) state.	MPLS LDP session down Trap
mplsLdpSessionUp	.1.3.6.1.2.1.10.166.4.0.3	NA	NA	Sent when the value of mplsLdpSessionState enters the operational (5) state.	MPLS LDP session up Trap
mplsTunnelRerouted	.1.3.6.1.2.1.10.166.3.0.3	NA	NA	Sent when a tunnel is rerouted. If the mplsTunnelARHopTable is used, this tunnel instance's entry in the mplsTunnelARHopTable may contain the new tunnel's path some time after the agent issues this trap.	MPLS-TE tunnel rerouted
mplsTunnelReoptimized	.1.3.6.1.2.1.10.166.3.0.4	NA	NA	Sent when a tunnel is reoptimized. If the mplsTunnelARHopTable is used, tunnel instance's entry in the mplsTunnelARHopTable may contain the new tunnel's path some time after the agent issues this trap.	MPLS-TE tunnel reoptimized

Table 11-4 Cisco MIB2 Traps (Continued)

Trap Name	Trap OID	Sub Type Varbind OID	Sub Type Varbind Value	Description	Short Description
mplsTunnelDown	.1.3.6.1.2.1.10.166.3.0.2	NA	NA	Sent when a mplsTunnelOperStatus object for one of the configured tunnels is about to enter the down state from some state other than notPresent. This other state is indicated by the included value of mplsTunnelOperStatus.	MPLS-TE tunnel down
mplsTunnelUp	.1.3.6.1.2.1.10.166.3.0.1	NA	NA	Sent when a mplsTunnelOperStatus object for one of the configured tunnels is about to leave the down state and transition into some state other than notPresent. This other state is indicated by the included value of mplsTunnelOperStatus.	MPLS-TE tunnel up

Registry Parameters for the Trap Events

This section lists the event subtypes and registry parameters for the following trap event types:

- bgp trap
- caem-MIB-Notifications-Tray
- cbf define file completion
- cc copy completion
- cefc fan tray status changed
- cefc fru removed
- cefc module oper status changed
- cefc power status changed
- cefc power supply output changed
- cefc unrecognized fru inserted
- cfh bundle link status notification
- cfh bundle state notification
- cfh plane state notification
- chassis alarm trap
- cisco bgp trap
- cisco bgp prefix threshold exceeded
- cisco config man event
- cisco-Environment-Monitoring-Fan-Notification
- cisco-Environment-Monitoring-Redundant-PowerSupply-Notification

- cisco-Environment-Monitoring-Temperature-Notification (V1)
- cisco-Environment-Monitoring-Temperature-Notification (V2)
- cisco-EnvMon-Shutdown-Notification
- cisco-EnvMon-Supply-State-Notification-Trap
- cisco flash copy completed
- cisco flash device changed
- cisco flash device removed
- cisco flash operation completed
- cisco hsrp state change
- cisco-L2-Control-IfMacLimit-Notifs-Trap
- cisco-L2-Control-IfVlanMacLimit-Notifs-Trap
- cisco-L2-Control-Vlan-MacLimit-Notifs-Trap
- cisco mte event set failure
- cisco mte trigger falling
- cisco mte trigger fired
- cisco mte trigger rising
- cisco multicast router heartbeat failed
- cisco ntp server notification
- cisco pim neighbor lost
- cisco ping completion
- Cisco RF SWACT Notifications
- cisco sbc adjacency state change trap
- cisco sbc dynamic blacklist trap
- cisco sbc h248 controller state change trap
- cisco sbc radius connection state change trap
- cisco sbc service state change trap
- cisco sbc sla violation trap
- cisco sbc source alert trap
- cisco sbc system congestion trap
- cisco syslog message generated
- cmn-Mac-Changed-Notification-Trap
- cmn-Mac-Move-Notification-Trap
- Cold start trap
- cps-IfVlan-Secure-MacAddr-Violation-Trap
- cps-Secure-MacAddr-Violation-Trap
- dot1ag cfm fault alarm trap
- dot1qBridge trap
- entity sensor threshold notification

- fan down trap
- ipv6 bgp trap
- ipv6-if-state-changed
- mep trap
- mpls l3 vpn vrf Down
- mpls l3 vpn vrf routemid thresh exceeded
- mpls ldp session down (IOS V2)
- mpls ldp session down (MIB2)
- mpls te tunnel down
- mpls te tunnel down trap
- mpls te tunnel reoptimized
- mpls te tunnel rerouted
- mpls te tunnel rerouted trap
- new root trap
- ospf-if-authentic-fail
- ospf-if-bad-packet
- ospf-if-config-err
- ospf-if-packet-retransmit
- ospf if state down
- ospf-lsa-reached-maxage
- ospf neighbor state down
- ospf-new-lsa-originated
- ospf-virtual-if-authentic-fail
- ospf-virtual-if-bad-packet
- ospf-virtual-if-packet-retransmit
- ospf-virtual-if-state-changed
- ospf-virtual-neighbor-state-changed
- pseudo wire tunnel traps
- RTT Connection Change
- RTT Lpd Discovery
- RTT Lpd Grp Status
- RTT Operation Threshold Violation
- RTT Operation Timeout
- RTT-Operation-Trap
- rtt threshold violation or clearance
- RTT Verify Error
- snmp authentication failure
- snmp link down

- sonet line status changed
- sonet path status changed
- sonet section status changed
- Spanning-Tree-Topology-Change-Trap
- stpx loop inconsistency update
- stpx port inconsistency update
- stpx root inconsistency update
- vlan-trunk-port-dynamic-status
- VSL Connection State Change
- VSS RF State Change
- vtp notification prefix trap
- warm start trap (ASR)
- warm start trap (MIB2)

bgp trap

Table 11-5 Event Subtypes: bgp trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
BGP down trap	bgp down trap	N	IBgpNeighbourEntry	T	T	T	0	F	maj	F	T	T
BGP established trap	bgp established trap	N	IBgpNeighbourEntry	T	T	F	0	T	clr	F	T	T

caem-MIB-Notifications-Tray

Table 11-6 Event Subtypes: caem-MIB-Notifications-Tray

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
caem Temperature Notification Trap	caem Temperature Notification	N	IManagedElement	F	F	F	0	F	min	F	T	F
caem Voltage Notification Trap	caem Voltage Notification	N	IManagedElement	F	F	F	0	F	min	F	T	F

cbf define file completion

Table 11-7 Event Subtypes: cbf define file completion

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
CBF File operation state indicator	cbf define file completion	N	IManagedElement	F	F	F	0	T	info	F	T	F

cc copy completion

Table 11-8 Event Subtypes: cc copy completion

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Config-copy request completion	cc copy completion	N	IManaged Element	F	F	F	0	T	info	F	T	F

cefc fan tray status changed

Table 11-9 Event Subtypes: cefc fan tray status changed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cefc Fan-tray oper status down	cefc fan status down	physical-command	IModule	F	T	F	0	T	critical	T	T	T
cefc fan-tray oper status up	cefc fan status up	physical-command	IModule	F	F	F	0	T	cleared	F	T	T

cefc fru removed

Table 11-10 Event Subtypes: cefc fru removed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cefc FRU inserted	cefc fru inserted	physical-command	IModule	F	F	T	0	F	cleared	F	T	T
cefc FRU removed	cefc fru removed	physical-command	IModule	F	T	F	0	F	major	T	T	T

cefc module oper status changed

Table 11-11 Event Subtypes: cefc module oper status changed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cefc module oper status down	cefc module oper down	physical-command	IModule	F	T	F	0	T	major	F	T	T
cefc module oper status up	cefc module oper up	physical-command	IModule	F	F	F	0	F	cleared	F	T	T

cefc power status changed

Table 11-12 Event Subtypes: cefc power status changed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cefc Power status down	cefc power status down	physical-command	IModule	F	T	F	0	F	major	F	T	T
cefc Power status up	cefc power status up	physical-command	IModule	F	F	F	0	F	cleared	F	T	T

cefc power supply output changed

Table 11-13 Event Subtypes: cefc power supply output changed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation	Weight	Auto Clear	Severity	Is Ticketable	Auto	Flapping
cefc Power supply output capacity changed	cefc power supply output changed	N	IModule	F	T	F	0	F	info	T	T	F

cefc unrecognized fru inserted

Table 11-14 Event Subtypes: cefc unrecognized fru inserted

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate	Correlate	Is Correlation	Weight	Auto Clear	Severity	Is Ticketable	Auto	Flapping
cefc FRU inserted with unsupported product ID	cefc unrecognized fru inserted	N	IModule	F	T	F	0	F	info	T	T	F

cfh bundle link status notification

Table 11-15 Event Subtypes: cfh bundle link status notification

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cfh bundle link status down	cfh bundle link status down	N	IManaged Element	F	F	F	0	F	major	F	T	F
cfh bundle link status up	cfh bundle link status up	N	IManaged Element	F	F	F	0	F	cleared	F	F	T

cfh bundle state notification

Table 11-16 Event Subtypes: cfh bundle state notification

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cfh Fabric bundle operational state changed to down	cfh bundle state down	N	IManaged Element	F	F	F	0	T	major	F	T	F
cfh Fabric bundle operational state changed to up	cfh bundle state up	N	IManaged Element	F	F	F	0	T	cleared	F	T	F

cfh plane state notification

Table 11-17 Event Subtypes: cfh plane state notification

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cfh Fabric plane status down	cfh plane status down	N	IManaged Element	F	F	F	0	F	major	F	T	T
cfh Fabric plane status up	cfh plane status up	N	IManaged Element	F	F	F	0	F	cleared	F	T	T

chassis alarm trap

Table 11-18 Event Subtypes: chassis alarm trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
chassis alarm off	chassis alarm off	N	IManaged Element	F	F	F	0	F	cleared	F	T	F
chassis alarm on	chassis alarm on	N	IManaged Element	F	T	F	0	T	minor	F	T	F

cisco bgp trap

Table 11-19 Event Subtypes: cisco bgp trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco BGP backward transition trap	cisco bgp backward transition trap	N	IBgpNeighbourEntry	F	T	F	0	T	info	F	T	T
Cisco BGP down trap	cisco bgp down trap	N	IBgpNeighbourEntry	T	T	T	0	F	maj	F	T	T
Cisco BGP established trap	cisco bgp established trap	N	IBgpNeighbourEntry	T	T	F	0	T	clr	F	T	T
Cisco BGP FSM state changed trap	cisco bgp state changed trap	N	IBgpNeighbourEntry	F	T	F	0	T	info	F	T	T

cisco bgp prefix threshold exceeded

Table 11-20 Event Subtypes: cisco bgp prefix threshold exceeded

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco BGP prefix threshold exceeded	cisco bgp prefix threshold exceeded	N	IProfileContainer (BGP)	F	T	F	0	T	wrn	T	F	T
Cisco BGP prefix threshold clear	cisco bgp prefix threshold clear	N	IProfileContainer (BGP)	F	T	F	0	F	clr	T	F	T

cisco config man event

Table 11-21 Event Subtypes: cisco config man event

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco Configuration management event notification	cisco config man event	N	IManaged Element	F	F	F	0	F	info	F	T	F

cisco-Environment-Monitoring-Fan-Notification

Table 11-22 Event Subtypes: cisco-Environment-Monitoring-Fan-Notification

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Fan Critical Trap	critical	N	IManagedElement +identifier index	F	F	F	0	F	cri	T	T	F
Fan Normal Trap	normal	N	IManagedElement +identifier index	F	F	F	0	F	clr	T	T	F
Fan Not Functioning Trap	notFunctioning	N	IManagedElement +identifier index	F	F	F	0	F	maj	T	T	F
Fan Not Present Trap	notPresent	N	IManagedElement +identifier index	F	F	F	0	F	maj	T	T	F
Fan Shutdown Trap	shutdown	N	IManagedElement +identifier index	F	F	F	0	F	cri	T	T	F
Fan Warning Trap	warning	N	IManagedElement +identifier index	F	F	F	0	F	wrn	T	T	F

cisco-Environment-Monitoring-Redundant-PowerSupply-Notification

Table 11-23 Event Subtypes: cisco-Environment-Monitoring-Redundant-PowerSupply-Notification

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Redundant PowerSupply Critical Trap	critical	N	IManagedElement +identifier index	F	F	F	0	F	cri	F	T	F
Redundant PowerSupply Normal Trap	normal	N	IManagedElement +identifier index	F	F	F	0	F	clr	T	T	F
Redundant PowerSupply Not Functioning Trap	notFunctioning	N	IManagedElement +identifier index	F	F	F	0	F	maj	T	T	F
Redundant PowerSupply Not Present Trap	notPresent	N	IManagedElement +identifier index	F	F	F	0	F	maj	T	T	F
Redundant PowerSupply Shutdown Trap	shutdown	N	IManagedElement +identifier index	F	F	F	0	F	cri	T	T	F
Redundant PowerSupply Warning Trap	warning	N	IManagedElement +identifier index	F	F	F	0	F	wrn	T	T	F

cisco-Environment-Monitoring-Temperature-Notification (V1)

Table 11-24 Event Subtypes: cisco-Environment-Monitoring-Temperature-Notification

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Critical Temperature	critical	N	IManagedElement	F	F	F	0	T	critical	F	T	F
Normal Temperature	normal	N	IManagedElement	F	F	F	0	F	cleared	F	T	F
Not Functioning	notFunctioning	N	IManagedElement	F	F	F	0	T	major	F	T	F
Not Present	notPresent	N	IManagedElement	F	F	F	0	T	major	F	T	F
Critical Temperature - Device Shutdown	shutdown	N	IManagedElement	F	F	F	0	T	critical	F	T	F
Temperature Rising	warning	N	IManagedElement	F	F	F	0	T	warning	F	T	F

cisco-Environment-Monitoring-Temperature-Notification (V2)

Table 11-25 Event Subtypes: cisco-Environment-Monitoring-Temperature-Notification (V2)

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Critical Temperature	critical	N	IManagedElement +identifier index	F	F	F	0	F	cri	T	T	F
Normal Temperature	normal	N	IManagedElement +identifier index	F	F	F	0	F	clr	T	T	F
Not Functioning	notFunctioning	N	IManagedElement +identifier index	F	F	F	0	F	maj	T	T	F
Not Present	notPresent	N	IManagedElement +identifier index	F	F	F	0	F	maj	T	T	F
Critical Temperature-Device Shutdown	shutdown	N	IManagedElement +identifier index	F	F	F	0	F	cri	T	T	F
temperatureRising	warning	N	IManagedElement +identifier index	F	F	F	0	F	wrn	T	T	F

cisco-EnvMon-Shutdown-Notification

Table 11-26 Event Subtypes: Cisco EnvMonShutdown Notification

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cisco EnvMon Shutdown Notification Trap	cisco-EnvMon-Shutdown-Notification-Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F

cisco-EnvMon-Supply-State-Notification-Trap

Table 11-27 Event Subtypes: cisco-EnvMon-Supply-State-Notification-Trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Power Supply - Critical	critical	N	IManaged Element	F	F	F	0	T	critical	T	T	F
Power Supply - Normal	normal	N	IManaged Element	F	F	F	0	F	cleared	T	T	F
Power Supply - Not Functioning	notFunctioning	N	IManaged Element	F	F	F	0	T	major	T	T	F
Power Supply - Not Present	notPresent	N	IManaged Element	T	F	F	0	T	major	T	T	F
Power Supply - Shutdown	shutdown	N	IManaged Element	F	F	F	0	T	critical	T	T	F
Power Supply - Warning	warning	N	IManaged Element	F	F	F	0	T	warning	T	T	F

cisco flash copy completed

Table 11-28 Event Subtypes: cisco flash copy completed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco flash copy failed	cisco flash copy failed	N	IManaged Element	F	F	F	0	T	info	F	T	F
Cisco flash copy completion	cisco flash copy completed	N	IManaged Element	F	F	F	0	T	info	F	T	F
Cisco flash copy in progress	cisco flash copy in progress	N	IManaged Element	F	F	F	0	T	info	F	T	F

cisco flash device changed

Table 11-29 Event Subtypes: cisco flash device changed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco Flash device changed	cisco flash device changed	N	IManaged Element	F	F	F	0	F	info	F	T	F

cisco flash device removed

Table 11-30 Event Subtypes: cisco flash device removed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco Flash device inserted	cisco flash device inserted	N	IManaged Element	F	F	F	0	F	cleared	F	T	T
Cisco Flash device removed	cisco flash device removed	N	IManaged Element	F	F	F	0	F	warning	F	T	T

cisco flash operation completed

Table 11-31 Event Subtypes: cisco flash operation completed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco Flash miscellaneous operation completed	cisco flash operation failed	N	IManaged Element	F	F	F	0	T	info	F	T	F
Cisco Flash partitioning Completed	cisco flash operation completed	N	IManaged Element	F	F	F	0	T	info	F	T	F
Cisco Flash miscellaneous operation in progress	cisco flash operation in progress	N	IManaged Element	F	F	F	0	T	info	F	T	F

cisco hsrp state change

Table 11-32 Event Subtypes: cisco hsrp state change

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco hsrp state standby	cisco hsrp state standby	hsrp information (command under forwarding investigator)	IIPInterface	F	T	F	0	F	info	T	T	T
Cisco hsrp state non active	cisco hsrp state non active	hsrp information (command under affording investigator)	IIPInterface	F	T	F	0	F	info	T	T	T
Cisco hsrp state active	cisco hsrp state active	hsrp information (command under affording investigator)	IIPInterface	F	T	F	0	F	info	T	T	T

cisco-L2-Control-IfMacLimit-Notifs-Trap

Table 11-33 Event Subtypes: cisco-L2-Control-IfMacLimit-Notifs-Trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cisco L2 Control IfMacLimit Low Notif Trap	clc IfMacLimit Low Notif	N	IPortLayer1	F	F	F	0	F	info	F	T	F
cisco L2 Control IfMacLimit High Notif Trap	clc IfMacLimit High Notif	N	IPortLayer1	F	F	F	0	F	info	F	T	F

cisco-L2-Control-IfVlanMacLimit-Notifs-Trap

Table 11-34 Event Subtypes: cisco-L2-Control-IfVlanMacLimit-Notifs-Trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cisco L2 Control IfVlanMacLimit Low Notif Trap	clc IfVlanMacLimit Low Notif	N	IPortLayer1	F	F	F	0	F	info	F	T	F
cisco L2 Control IfVlanMacLimit High Notif Trap	clc IfVlanMacLimit High Notif	N	IPortLayer1	F	F	F	0	F	info	F	T	F

cisco-L2-Control-Vlan-MacLimit-Notifs-Trap

Table 11-35 Event Subtypes: cisco-L2-Control-Vlan-MacLimit-Notifs-Trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cisco L2 Control VlanMacLimit Notif Trap	clc VlanMacLimit Notif	N	IPortLayer1	F	F	F	0	F	info	F	T	F
cisco L2 Control VlanMacLimit High Notif Trap	clc VlanMacLimit High Notif	N	IPortLayer1	F	F	F	0	F	info	F	T	F

cisco mte event set failure

Table 11-36 Event Subtypes: cisco mte event set failure

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
mte event set failure	cisco mte event set failure	N	IManagedElement	F	F	F	0	F	wrn	T	T	T

cisco mte trigger falling

Table 11-37 Event Subtypes: cisco mte trigger falling

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
mte trigger falling	cisco mte trigger falling	N	IManagedElement	F	F	F	0	F	clr	T	T	T

cisco mte trigger fired

Table 11-38 Event Subtypes: cisco mte trigger fired

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
mte trigger fired	cisco mte trigger fired	N	IManagedElement	F	F	F	0	F	info	T	T	T

cisco mte trigger rising

Table 11-39 Event Subtypes: cisco mte trigger rising

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
mte trigger rising	cisco mte trigger rising	N	IManagedElement	F	F	F	0	F	wrn	T	T	T

cisco multicast router heartbeat failed

Table 11-40 Event Subtypes: cisco multicast router heartbeat failed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Failed receive multicast router heartbeat	cisco multicast router heartbeat failed	N	IManaged Element	F	T	N	0	F	info	F	T	F

cisco ntp server notification

Table 11-41 Event Subtypes: cisco ntp server notification

Short Description	Event Subtype	Expedites	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
NTP Server Status Changes to Unknown	unknown	N	IManagedElement	F	F	F	0	F	info	F	T	F
NTP Server Status Changes to notRunning	notRunning	N	IManagedElement	F	F	F	0	F	info	F	T	F
NTP Server Status Changes to notSynchronized	notSynchronized	N	IManagedElement	F	F	F	0	F	info	F	T	F
NTP Server Status Changes to syncToLocal	syncToLocal	N	IManagedElement	F	F	F	0	F	info	F	T	F
NTP Server Status Changes to syncToRefclock	syncToRefclock	N	IManagedElement	F	F	F	0	F	info	F	T	F
NTP Server Status Changes to syncToRemoteServer	syncToRemoteServer	N	IManagedElement	F	F	F	0	F	info	F	T	F

cisco pim neighbor lost

Table 11-42 Event Subtypes: cisco pim neighbor lost

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco PIM neighbor lost	cisco pim neighbor lost	N	IRoutingEntry	F	T	T	0	F	info	F	T	T

cisco ping completion

Table 11-43 Event Subtypes: cisco ping completion

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco ping completion	cisco ping completion	N	IManaged Element	F	F	F	0	F	info	F	T	F

Cisco RF SWACT Notifications

Table 11-44 Event Subtypes: Cisco RF Status Changes

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco RF Swap Status - Unsupported	cisco RF status is unsupported	N	IManaged Element	F	F	F	0	F	info	F	T	F
Cisco RF Swap Status - None	cisco RF status is none	N	IManaged Element	F	F	F	0	F	info	F	T	F
Cisco RF Swap Status - Not Known	cisco RF status is notknown	N	IManaged Element	F	F	F	0	F	info	F	T	F
Cisco RF Swap Status - UserInitiated	cisco RF status is userInitiated	N	IManaged Element	F	F	F	0	F	info	F	T	F
Cisco RF Swap Status - UserForced	cisco RF status is userForced	N	IManaged Element	F	F	F	0	F	info	F	T	F
Cisco RF Swap Status - ActiveUnitFailed	cisco RF status is activeUnitFailed	N	IManaged Element	F	F	F	0	F	info	F	T	F
Cisco RF Swap Status - ActiveUnitRemoved	cisco RF status is activeUnitRemoved	N	IManaged Element	F	F	F	0	F	info	F	T	F

cisco sbc adjacency state change trap

Table 11-45 Event Subtypes: cisco sbc adjacency state change trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco SBC adjacency state up trap	up	N	IsbcService	F	F	F	0	F	clr	T	T	F
Cisco SBC adjacency state down trap	down	N	IsbcService	F	F	F	0	F	maj	T	T	F
Cisco SBC adjacency state informational trap	informational	N	ISbcService	F	F	F	0	F	info	F	T	F

cisco sbc dynamic blacklist trap

Table 11-46 Event Subtypes: cisco sbc dynamic blacklist trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco SBC dynamic blacklist trap	cisco sbc dynamic blacklist trap	N	ISbcServic e	F	F	F	0	F	info	F	T	F

cisco sbc h248 controller state change trap

Table 11-47 Event Subtypes: cisco sbc h248 controller state change trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco SBC H248 controller state up trap	up	N	IsbcService	F	F	F	0	F	clr	T	T	F
Cisco SBC H248 controller state down trap	down	N	IsbcService	F	F	F	0	F	wrn	T	T	F
Cisco SBC H248 controller state informational trap	informational	N	IsbcService	F	F	F	0	F	info	F	T	F

cisco sbc radius connection state change trap

Table 11-48 Event Subtypes: cisco sbc radius connection state change trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco SBC radius connection state up trap	up	N	ISbcService	F	F	F	0	F	clr	T	T	F
Cisco SBC radius connection state down trap	down	N	ISbcService	F	F	F	0	F	maj	T	T	F
Cisco SBC radius connection state informational trap	informational	N	ISbcService	F	F	F	0	F	info	F	T	F

cisco sbc service state change trap

Table 11-49 Event Subtypes: cisco sbc service state change trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco SBC service state up trap	up	sbc	ISbcService	F	F	F	0	F	clr	T	T	F
Cisco SBC service state down trap	down	sbc	IsbcService	F	F	F	0	F	cri	T	T	F
Cisco SBC service state informational trap	informational	sbc	IsbcService	F	F	F	0	F	info	F	T	F

cisco sbc sla violation trap

Table 11-50 Event Subtypes: cisco sbc sla violation trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco SBC SLA violation off trap	off	N	IsbcService	F	F	F	0	F	clr	T	T	F
Cisco SBC SLA violation on trap	on	N	IsbcService	F	F	F	0	F	min	T	T	F
Cisco SBC SLA violation informational trap	informational	N	IsbcService	F	F	F	0	F	info	F	T	F

cisco sbc source alert trap

Table 11-51 Event Subtypes: cisco sbc source alert trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco SBC source alert off trap	off	N	ISbcService	F	F	F	0	F	clr	T	T	F
Cisco SBC source alert on trap	on	N	ISbcService	F	F	F	0	F	wrn	T	T	F
Cisco SBC source alert informational trap	informational	N	ISbcService	F	F	F	0	F	info	F	T	F

cisco sbc system congestion trap

Table 11-52 Event Subtypes: cisco sbc system congestion trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco SBC system congestion cleared trap	cleared	N	ISbcService	F	F	F	0	F	clr	T	T	F
Cisco SBC system congestion raised trap	raised	N	ISbcService	F	F	F	0	F	wrn	T	T	F
Cisco SBC system congestion informational trap	informational	N	ISbcService	F	F	F	0	F	info	F	T	F

cisco syslog message generated

Note The *cisco syslog message generated* event is dropped without further handling by the system.

Table 11-53 Event Subtypes: cisco syslog message generated

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco syslog message generated	cisco syslog message generated	N	IManaged Element	F	N/A	N/A	N/A	N/A	N/A	F	T	F

cmn-Mac-Changed-Notification-Trap

Table 11-54 Event Subtypes: cmn-Mac-Changed-Notification-Trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cmn Mac Changed Notification Trap	cmn-Mac-Changed-Notification-Trap	N	IManagedElement	F	F	F	0	F	info	F	T	F

cmn-Mac-Move-Notification-Trap

Table 11-55 Event Subtypes: cmn-Mac-Move-Notification-Trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cmn Mac Move Notification Trap	cmn-Mac-Move-Notification-Trap	N	IManagedElement+ identifier index	F	F	F	0	F	info	F	T	F

cold start trap

Table 11-56 Event Subtypes: cold start trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cold start trap	cold start trap	N	IManagedElement	F	F	T	190000	F	info	T	T	F

cps-IfVlan-Secure-MacAddr-Violation-Trap

Table 11-57 Event Subtypes: cps-IfVlan-Secure-MacAddr-Violation-Trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cps IfVlan Secure MacAddr Violation Trap	cps-IfVlan-Secure-MacAddr-Violation-Trap	N	IPortLayer1	F	F	F	0	F	maj	T	T	F

cps-Secure-MacAddr-Violation-Trap

Table 11-58 Event Subtypes: cps-Secure-MacAddr-Violation-Trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
cps Secure MacAddr Violation Trap	cps-Secure-MacAddr-Violation-Trap	N	IPortLayer1	F	F	F	0	F	maj	T	T	F

dot1ag cfm fault alarm trap

Table 11-59 Event Subtypes: dot1ag cfm fault alarm trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
dot1ag CFM Fault Alarm	dot1ag cfm fault alarm trap	N	IManaged Element	F	F	F	0	F	info	T	T	F

dot1qBridge trap

Table 11-60 Event Subtypes: dot1qBridge trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
dot1qBridge trap	dot1qBridge trap	N	IManaged Element	F	T	F	0	T	info	F	T	F

entity sensor threshold notification

Table 11-61 Event Subtypes: entity sensor threshold notification

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
sensor value crossed threshold in entSensorThreshold Table	entity sensor threshold notification	N	IManaged Element	F	F	F	0	F	major	T	T	F

fan down trap

Table 11-62 Event Subtypes: fan down trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Fan down trap	fan down trap	N	IManaged Element	F	T	F	0	T	major	F	T	F
Fan up trap	fan up trap	N	IManaged Element	F	F	F	0	F	cleared	F	T	F

ipv6 bgp trap

Table 11-63 Event Subtypes: ipv6 bgp trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
IPv6 BGP down trap	ipv6 bgp down trap	N	IManaged Element	F	T	F	0	F	maj	F	T	T
ipv6 BGP FSM state changed trap	ipv6 bgp state changed trap	N	IManaged Element	F	T	F	0	T	info	F	T	T
IPv6 BGP established trap	ipv6 bgp established trap	N	IManaged Element	F	F	F	0	F	clr	F	T	T

ipv6-if-state-changed

Table 11-64 Event Subtypes: ipv6-if-state-changed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
ipv6 interface state changed	ipv6-if-state-changed	N	IManagedElement	F	F	F	0	T	min	T	T	F

mep trap

Table 11-65 Event Subtypes: mep trap-Notification

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Mep up trap	mep up	N	IManaged Element	F	F	F	0	F	cleared	F	T	F
Mep down trap	mep down	N	IManaged Element	F	F	F	0	T	major	F	T	F

mpls l3 vpn vrf Down

Table 11-66 Event Subtypes: mpls l3 vpn vrf Down

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto	Flapping
mpls l3 vpn vrf Down Trap	mpls l3 vpn vrf Down	N	IVrf	T	T	T	0	T	maj	T	T	F
MPLS l3 vpn vrf Notifications	mpls l3 vpn vrf Up	N	IVrf	F	T	F	0	F	clr	F	T	F

mpls l3 vpn vrf routemid thresh exceeded

Table 11-67 Event Subtypes: mpls l3 vpn vrf routemid thresh exceeded

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
mpls l3 vpn numvrf routemax thresh cleared Trap	mpls l3 vpn numvrf routemax thresh cleared	N	IVrf	F	T	F	0	F	clr	F	T	F
mpls l3 vpn vrf numvrf routemax thresh exceeded Trap	mpls l3 vpn vrf numvrf routemax thresh exceeded	N	IVrf	F	T	F	0	F	wrn	F	T	F
mpls l3 vpn vrf routemid thresh exceeded Trap	mpls l3 vpn vrf routemid thresh exceeded	N	IVrf	F	T	F	0	F	wrn	F	T	F

mpls ldp session down (IOS V2)

Table 11-68 Event Subtypes: mpls ldp session down (IOS V2)

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
MPLS LDP init session threshold exceeded Trap	mpls ldp init session thresh exceeded	N	IPortLayer1	F	T	F	0	F	warning	F	T	T
MPLS LDP session down Trap	mpls ldp session down	mpls interfaces + label switching table	IPortLayer1	T	T	T	0	F	minor	T	T	T
MPLS LDP session up Trap	mpls ldp session up	mpls interfaces + label switching table	IPortLayer1	T	T	F	0	F	clear	F	T	T

mpls ldp session down (MIB2)

Table 11-69 Event Subtypes: mpls ldp session down (MIB2)

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
MPLS LDP init session threshold exceeded Trap	mpls ldp init session thresh exceeded	mpls interfaces + label switching table	IPortLayer1	F	T	F	0	F	wrn	F	T	T
MPLS LDP session down Trap	mpls ldp session down	mpls interfaces + label switching table	IPortLayer1	T	T	T	0	F	min	T	T	T
MPLS LDP session up Trap	mpls ldp session up	mpls interfaces + label switching table	IPortLayer1	F	F	F	0	F	clr	F	T	T

mpls te tunnel down

Table 11-70 Event Subtypes: mpls te tunnel down

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
MPLS-TE tunnel down	mpls te tunnel down	Y	IMplsTETunnel	T	T	F	800	T	maj	F	T	T
MPLS-TE tunnel up	mpls te tunnel up	Y	IMplsTETunnel	F	F	F	0	F	clr	F	T	T

mpls te tunnel down trap

Table 11-71 Event Subtypes: mpls te tunnel down trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
MPLS-TE tunnel up	mpls te tunnel up trap	mpls traffic engineering tunnel information	IMplsTE Tunnel	F	T	F	0	F	clear	F	T	T
MPLS-TE tunnel down	mpls te tunnel down trap	mpls traffic engineering tunnel information	IMplsTE Tunnel	F	T	F	800	F	major	F	T	T

mpls te tunnel reoptimized

Table 11-72 Event Subtypes: mpls te tunnel reoptimized

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
MPLS-TE tunnel reoptimized	mpls te tunnel reoptimized	N	IMplsTETunnel	F	T	F	0	F	info	F	T	T

mpls te tunnel rerouted

Table 11-73 Event Subtypes: mpls te tunnel rerouted

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
MPLS-TE tunnel rerouted	mpls te tunnel rerouted	N	IMplsTETunnel	F	T	F	0	F	info	T	T	T

mpls te tunnel rerouted trap

Table 11-74 Event Subtypes: mpls te tunnel rerouted trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
MPLS-TE tunnel reoptimized	mpls te tunnel rerouted trap	N	IMplsTETunnel	F	T	F	0	F	info	F	T	T

new root trap

Table 11-75 Event Subtypes: new root trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
STP New Root Trap	new root trap	N	IStpService	F	F	F	0	F	info	F	T	F

ospf-if-authentic-fail

Table 11-76 Event Subtypes: ospf-if-authentic-fail

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
OSPF interface authentication failure	ospf-if-authentic-fail	N	IIPInterface	F	T	F	0	F	wrn	T	T	F

ospf-if-bad-packet

Table 11-77 Event Subtypes: ospf-if-bad-packet

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
XR OSPF bad packet received	ospf-if-bad-packet	N	IIPInterface	F	T	F	0	T	min	F	T	F

ospf-if-config-err

Table 11-78 Event Subtypes: ospf-if-config-err

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
OSPF interface configuration error	ospf-if-config-err	N	IIPInterface	F	T	F	0	F	wrn	T	T	F
OSPF virtual interface configuration error	ospf-virtual-if-config-err	N	IProfileContainer (OSPF)FTF	F	T	F	0	T	info	F	T	F

ospf-if-packet-retransmit

Table 11-79 Event Subtypes: ospf-if-packet-retransmit

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
XR OSPF packet retransmitted	ospf-if-packet-retransmit	N	IProfileContainer (OSPF)FTF	F	T	F	0	T	info	F	T	F

ospf if state down

Table 11-80 Event Subtypes: ospf if state down

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
OSPF interface state changed to Down	ospf if state down	N	IIPInterface	F	T	F	0	T	info	F	T	F
OSPF interface state changed to Up	ospf if state up	N	IIPInterface	F	F	F	0	F	clr	F	T	F

ospf-lsa-reached-maxage

Table 11-81 Event Subtypes: ospf-lsa-reached-maxage

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
OSPF Number of LSAs approaching overflow	ospf-lsa-reached-maxage	N	IManagedElement	F	F	F	0	T	info	F	T	F

ospf neighbor state down

Table 11-82 Event Subtypes: ospf neighbor state down

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
OSPF neighbor state down	ospf neighbor state down	N	IIPInterface	F	T	F	0	F	maj	T	T	F
OSPF neighbor state up	ospf neighbor state up	N	IIPInterface	F	F	F	0	F	clr	F	T	F

ospf-new-lsa-originated

Table 11-83 Event Subtypes: ospf-new-lsa-originated

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
OSPF new LSA originated	ospf-new-lsa-originated	N	IProfileContainer (OSPF)FTF	F	T	F	0	T	info	F	T	F

ospf-virtual-if-authentic-fail

Table 11-84 Event Subtypes: ospf-virtual-if-authentic-fail

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
XR OSPF virtual interface authentication failure	ospf-virtual-if-authentic-fail	N	IProfileContainer (OSPF)FTF	F	T	F	0	T	wrn	T	T	F

ospf-virtual-if-bad-packet

Table 11-85 Event Subtypes: ospf-virtual-if-bad-packet

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
XR OSPF bad packet received on virtual interface	ospf-virtual-if-bad-packet	N	IProfileContainer (OSPF)FTF	F	T	F	0	T	info	F	T	F

ospf-virtual-if-packet-retransmit

Table 11-86 Event Subtypes: ospf-virtual-if-packet-retransmit

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
OSPF packet retransmitted on virtual interface	ospf-virtual-if-packet-retransmit	N	IProfileContainer (OSPF)FTF	F	T	F	0	T	info	F	T	F

ospf-virtual-if-state-changed

Table 11-87 Event Subtypes: ospf-virtual-if-state-changed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
OSPF virtual interface state changed	ospf-virtual-if-state-changed	N	IProfileContainer (OSPF)FTF	F	T	F	0	T	min	F	T	F

ospf-virtual-neighbor-state-changed

Table 11-88 Event Subtypes: ospf-virtual-neighbor-state-changed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
OSPF virtual neighbor state down	ospf-virtual-neighbor-state-down	N	IOspfEntry	F	T	F	0	F	min	T	T	F
OSPF virtual neighbor state up	ospf-virtual-neighbor-state-up	N	IOspfEntry	F	F	F	0	F	clr	F	T	F

pseudo wire tunnel traps

Table 11-89 Event Subtypes: pseudo wire tunnel traps

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Pseudo wire tunnel up	Pseudo wire tunnel up	martini	IPTPLayer2MplsTunnel	F	F	F	0	F	cleared	F	T	F
Pseudo wire tunnel down	Pseudo wire tunnel down	martini	IPTPLayer2MplsTunnel	F	T	F	0	T	major	F	T	F

RTT Connection Change

Table 11-90 Event Subtypes: RTT Connection Change

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
RTT Connection Change	RTT Connection Change	N	IManagedElement	F	F	F	0	F	info	T	T	F

RTT Lpd Discovery

Table 11-91 Event Subtypes: RTT Lpd Discovery

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
RTT Lpd Discovery	RTT Lpd Discovery	N	ImanagedElement	F	F	F	0	F	info	T	T	F

RTT Lpd Grp Status

Table 11-92 Event Subtypes: RTT Lpd Grp Status

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
RTT Lpd Grp Status	RTT Lpd Grp Status	N	IManagedElement	F	F	F	0	F	info	T	T	F

RTT Operation Threshold Violation

Table 11-93 Event Subtypes: RTT Operation Threshold Violation

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
RTT Operation Threshold Violation	RTT Operation Threshold Violation	N	ImanagedElement	F	F	F	0	F	info	T	T	F

RTT Operation Timeout

Table 11-94 Event Subtypes: RTT Operation Timeout

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
RTT Operation Timeout	RTT Operation Timeout	N	ImanagedElement	F	F	F	0	F	info	T	T	F

RTT-Operation-Trap

Table 11-95 Event Subtypes: RTT-Operation-Trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
RTT Operation Timeout	RTT Operation Timeout	N	IManagedElement	F	F	F	0	T	warning	F	T	F
RTT Operation Threshold Violation	RTT Operation Threshold Violation	N	IManagedElement	F	F	F	0	T	warning	F	T	F

rtt threshold violation or clearance

Table 11-96 Event Subtypes: rtt threshold violation or clearance

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
RTT threshold violation or clearance	rtt threshold violation or clearance	N	IManagedElement	F	T	F	0	F	info	T	T	F

RTT Verify Error

Table 11-97 Event Subtypes: RTT Verify Error

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
RTT Verify Error	RTT Verify Error	N	IManagedElement	F	F	F	0	F	info	T	T	F

snmp authentication failure

Table 11-98 Event Subtypes: snmp authentication failure

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
SNMP authentication failure	snmp authentication failure	N	IManagedElement	F	F	F	0	T	info	F	T	F

snmp link down

Table 11-99 Event Subtypes: snmp link down

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
SNMP Link down	snmp link down	ip interface oper status	IPhysicalLayer	F	T	T	0	T	maj	T	T	T
SNMP Link up	snmp link up	ip interface oper status	IPhysicalLayer	F	T	F	0	F	clr	F	T	T

sonet line status changed

Table 11-100 Event Subtypes: sonet line status changed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco Sonet line status changed to error	sonet line status changed to error	N	IPortLayer 1	F	T	F	0	F	major	F	T	T
Cisco Sonet line status changed to clear	sonet line status changed to clear	N	IPortLayer 1	F	T	F	0	T	cleared	F	T	T

sonet path status changed

Table 11-101 Event Subtypes: sonet path status changed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco Sonet path status changed to error	sonet path status changed to error	N	IPortLayer1	F	T	F	0	F	major	F	T	T
Cisco Sonet path status changed to clear	sonet path status changed to clear	N	IPortLayer1	F	T	F	0	T	cleared	F	T	T

sonet section status changed

Table 11-102 Event Subtypes: sonet section status changed

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco Sonet section status changed to error	sonet section status changed to error	N	IPortLayer1	F	T	F	0	F	major	F	T	T
Cisco Sonet section status changed to clear	sonet section status changed to clear	N	IPortLayer1	F	T	F	0	T	cleared	F	T	T

Spanning-Tree-Topology-Change-Trap

Table 11-103 Event Subtypes: Spanning-Tree-Topology-Change-Trap

Short Description	Event Subtype	Expedites	Event Source (IMO Name)	Activate	Correlate	Is Correlation	Weight	Auto Clear	Severity	Is Ticketable	Auto	Flapping
Spanning Tree Topology Changed	Spanning-Tree-Topology-Change	N	IManagedElement	F	F	F	0	F	info	F	T	F

stpx loop inconsistency update

Table 11-104 Event Subtypes: stpx loop inconsistency update

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto	Flapping
STPX Loop Inconsistency Discovered Trap	stpx loop inconsistency discovered	N	IStpService	F	F	F	0	T	maj	T	T	F
STPX Loop Inconsistency Resolved Trap	stpx loop inconsistency resolved	N	IStpService	F	F	F	0	T	clr	T	T	F

stpx port inconsistency update

Table 11-105 Event Subtypes: stpx port inconsistency update

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
STPX Port Inconsistency discovered Trap	stpx port inconsistency discovered	N	IStpService	F	F	F	0	T	maj	T	T	F
STPX Port Inconsistency resolved Trap	stpx port inconsistency resolved	N	IStpService	F	F	F	0	T	clr	T	T	F

stpx root inconsistency update

Table 11-106 Event Subtypes: stpx root inconsistency update

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto	Flapping
STPX Root Inconsistency Discovered Trap	stpx root inconsistency discovered	N	IStpService	F	F	F	0	T	maj	T	T	F
STPX Root Inconsistency Resolved Trap	stpx root inconsistency resolved	N	IStpService	F	F	F	0	T	clr	T	T	F

vlan-trunk-port-dynamic-status

Table 11-107 Event Subtypes: vlan-trunk-port-dynamic-status

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Vlan trunk port dynamic status changed to trunking	trunking	N	IPortLayer1	F	F	F	0	F	wrn	F	T	F
Vlan trunk port dynamic status changed to not trunking	not trunking	N	IPortLayer1	F	F	F	0	F	wrn	F	T	F

VSL Connection State Change

Table 11-108 Event Subtypes: VSL Connection State Change

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
VSL Connection Changed: Down	VSL Connection State Down	Y	IShelf	F	F	F	0	T	info	T	T	F
VSL Connection Changed: Up	VSL Connection State Up	Y	IShelf	F	F	F	0	T	cleared	T	T	F

VSS RF State Change

Table 11-109 Event Subtypes: VSS RF State Change

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Cisco VSS Shelf 1 is Disabled	Shelf 1 is Disabled	Y	IShelf	F	F	F	0	T	info	T	T	F
Cisco VSS Shelf 1 is Standby Cold	Shelf 1 is Standby Cold	Y	IShelf	F	F	F	0	T	info	T	T	F
Cisco VSS Shelf 1 is Standby Hot	Shelf 1 is Standby Hot	Y	IShelf	F	F	F	0	T	info	T	T	F
Cisco VSS Shelf 2 is Disabled	Shelf 2 is Disabled	Y	IShelf	F	F	F	0	T	info	T	T	F
Cisco VSS Shelf 2 is Standby Cold	Shelf 2 is Standby Cold	Y	IShelf	F	F	F	0	T	info	T	T	F
Cisco VSS Shelf 2 is Standby Hot	Shelf 2 is Standby Hot	Y	IShelf	F	F	F	0	T	info	T	T	F

vtp notification prefix trap

Table 11-110 Event Subtypes: vtp notification prefix trap

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto	Flapping
vtp configuration revision number error trap	vtp Config Rev Number Error	N	IManagedElement	F	F	F	0	F	wrn	F	T	F
vtp configuration digest error trap	vtp Config Digest Error	N	IManagedElement	F	F	F	0	F	maj	F	T	F
vtp VersionOne Device Detected trap	vtp VersionOne Device Detected	N	IManagedElement	F	F	F	0	F	info	F	T	F
vtp Local Mode Changed trap	vtp Local Mode Changed	N	IManagedElement	F	F	F	0	F	min	F	T	F
vtp VersionInUse Changed trap	vtp VersionInUse Changed	N	IManagedElement	F	F	F	0	F	info	F	T	F

warm start trap (ASR)

Table 11-111 Event Subtypes: warm start trap (ASR)

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Warm start trap	warm start trap	N	IManagedElement	F	F	F	0	F	min	T	T	F

warm start trap (MIB2)

Table 11-112 Event Subtypes: warm start trap (MIB2)

Short Description	Event Subtype	Expedites Polling	Event Source (IMO Name)	Activate Flow	Correlate	Is Correlation Allowed	Weight	Auto Clear	Severity	Is Ticketable	Auto Remove	Flapping
Warm start trap	warm start trap	N	IManagedElement	F	F	F	0	T	min	T	T	F