



APPENDIX A

Events Processed

The following tables list all possible events you might see in Cisco netManager, along with the following:

- **Description**—A summary of the event, including typical causes (if known).
- **Trigger**—How Cisco netManager learns of the event: from normal polling, a threshold that was exceeded, a diagnostic test result, a trap that was received, or an event received from Windows Event Manager.
- **Severity**—The severity that Cisco netManager assigns to the event: critical, warning, or informational.
- **Device Type**—The devices, as classified in Cisco netManager, on which the event can occur.

Lists of Events

The following tables provide descriptions of the events displayed. For specific events related to Cisco Unified Communications Manager Express, Cisco Unity Express, and *unresponsive* events, see the following tables:

- [Table A-1](#) displays a list of common events for all devices.
- [Table A-2](#) displays a list of Cisco Unified Communications Manager events.
- [Table A-3](#) displays a list of Cisco Unified Communications Manager Express.
- [Table A-4](#) displays a list of Cisco Unity events.
- [Table A-5](#) displays a list of Cisco Unity Express events.
- [Table A-6](#) displays a list of Local Wireless Access Point events.
- [Table A-7](#) displays a list of SRST events.
- [Table A-8](#) displays a list of active monitor events associated with the *unresponsive* Cisco netManager event.

For information on processed SNMP traps, see [Appendix B, “Processed SNMP Traps and Corresponding Cisco netManager Events.”](#)

Table A-1 Common Events

Event	Description	MIB
Fan Down	<p>Description: Fan condition is down.</p> <p>Severity: Critical.</p> <p>Device Type: All</p>	<p>For MCS COMPAQ platform, CPQ-HEALTH-MIB</p> <p>For MCS IBM platform, UMSLMSSENSOR-MIB</p> <p>For routers and switches, CISCO-ENVMON-MIB</p>
Fan Degraded	<p>Description: Fan condition is degraded.</p> <p>Severity: Warning.</p> <p>Device Type: All</p>	<p>For MCS COMPAQ platform, CPQ-HEALTH-MIB</p> <p>For MCS IBM platform, UMSLMSSENSOR-MIB</p> <p>For routers and switches, CISCO-ENVMON-MIB</p>
High CPU Utilization	<p>Description: Current utilization exceeds the utilization threshold configured for this network adapter or processor.</p> <p>Trigger: Exceeded one of these thresholds:</p> <ul style="list-style-type: none"> • Utilization Threshold. • Processor Utilization Threshold. <p>Severity: Critical.</p> <p>Device Type: Host, media server, router, switch, optical switch, voice gateway, Wireless LAN Controller.</p>	<p>For MCS, HOST-RESOURCES-MIB</p> <p>For routers and switches, CISCO-PROCESS-MIB</p> <p>For wireless LAN controller, airspace.bsnSwitching.agentResourceInfoGroup</p>
Insufficient Free Hard Disk	<p>Description: Free disk space is low.</p> <p>Trigger: Exceeded Free Hard Disk Threshold.</p> <p>Severity: Critical.</p> <p>Device Type: Media server.</p>	HOST-RESOURCES-MIB
Insufficient Free Physical Memory	<p>Description: System is running out of physical memory resources.</p> <p>Trigger: Exceeded Free Physical Memory Threshold.</p> <p>Severity: Critical.</p> <p>Device Type: Voice gateway, Wireless LAN Controller.</p>	<p>For MCS, HOST-RESOURCES-MIB</p> <p>For routers and switches, CISCO-MEMORY-POLL-MIB.</p> <p>For wireless LAN controller, airspace.bsnSwitching.agentResourceInfoGroup</p>
Insufficient Free Virtual Memory	<p>Description: System is running out of virtual memory resources.</p> <p>Trigger: Exceeded Free Virtual Memory Threshold.</p> <p>Severity: Critical.</p> <p>Device Type: Media server.</p>	HOST-RESOURCES-MIB

Table A-1 Common Events (continued)

Event	Description	MIB
Power Supply Down	<p>Description: Power supply state is Down.</p> <p>Trigger: Trap.</p> <p>Severity: Critical.</p> <p>Device Type: Media server or voice gateway.</p>	UMSEVENT MIB
Power Supply Degraded	<p>Description: Power supply state is degraded.</p> <p>Trigger: Trap.</p> <p>Severity: Critical.</p> <p>Device Type: Media server or voice gateway.</p>	UMSEVENT MIB
Temperature High	<p>Description: Operating temperature exceeds the threshold.</p> <p>Trigger: Exceeded Relative Temperature Threshold.</p> <p>Severity: Critical.</p> <p>Device Type: Media server, router, or switch.</p>	Cisco-Stack-MIB
Temperature Sensor Down	<p>Description: Temperature sensor reports abnormal temperature measurements and reports its condition as failed.</p> <p>Severity: Critical.</p> <p>Device Type: Media server, router, or switch.</p>	<p>For MCS COMPAQ platform, CPQ-HEALTH-MIB</p> <p>For MCS IBM platform, UMSLMSSENSOR-MIB</p> <p>For routers and switches, CISCO-ENVMON-MIB</p>
Temperature Sensor Degraded	<p>Description: Temperature sensor response is degraded.</p> <p>Severity: Critical.</p> <p>Device Type: Media server, router, or switch.</p>	<p>For MCS COMPAQ platform, CPQ-HEALTH-MIB</p> <p>For MCS IBM platform, UMSLMSSENSOR-MIB</p> <p>For routers and switches, CISCO-ENVMON-MIB</p>

Table A-1 Common Events (continued)

Event	Description	MIB
Unresponsive	<p>Description: Device does not respond to ICMP or SNMP requests. Probable causes are:</p> <ul style="list-style-type: none"> • On a system: ICMP ping requests and SNMP queries to the device timeout received no response. • On an SNMP Agent: Device ICMP ping requests are successful, but SNMP requests time out with no response. <p>Note A system might also be reported as Unresponsive if the only link (for example, an interface) to the system goes down.</p> <p>Trigger: Polling.</p> <p>Severity: Critical.</p> <p>Device Type: Host, hub, router, switch, optical switch, media server, phone access switch, voice mail gateway, or voice gateway.</p>	—
Cold Start	<p>Description: Cold Start.</p> <p>Trigger: Processed trap.</p> <p>Severity: Informational.</p> <p>Device Type: All.</p>	RFC 1215
Warm Start	<p>Description: Warm Start.</p> <p>Cause: Trap.</p> <p>Severity: Informational.</p> <p>Device Type: All.</p>	RFC 1215
Link Down	<p>Description: Link is down.</p> <p>Cause: Trap.</p> <p>Severity: Critical.</p> <p>Device Type: All.</p>	RFC 1215
Card Down	<p>Description: Card or module has been powered down or removed.</p> <p>Trigger: Polling, Traps</p> <p>Severity: Warning.</p> <p>Device Type: All that support CISCO-FRU-CONTROL.</p>	<p>CISCO-FRU-CONTROL-MIB</p> <p>ciscoMgmt.ciscoEntityFRUControlMIB.cefcMIBObjects.cefcModule.cefcModuleTable.cefcModuleTableEntry.cefcModuleOperStatus</p> <p>ciscoMgmt.ciscoEntityFRUControlMIB.cefcFRUMIBNotificationPrefix.cefcMIBNotifications.cefcModuleStatusChange</p>

Table A-1 Common Events (continued)

Event	Description	MIB
Authentication Failure	<p>Description: Unknown manager access.</p> <p>Trigger: Processed trap</p> <p>Severity: Warning.</p> <p>Device Type: All</p>	RFC-1215
Voltage High	<p>Description: Voltage on the device is high.</p> <p>Cause: Trap.</p> <p>Severity: Critical.</p> <p>Device Type: Media server, router, or switch.</p>	UMSEVENT MIB

Table A-2 Cisco Unified Communications Manager Events

Event	Description	MIB
Communications Manager Down	<p>Description: Cisco Unified Communications Manager can run but is not running due to some problem in the application or device.</p> <p>Trigger: Polling.</p> <p>Severity: Critical.</p> <p>Device Type: Media server.</p>	SysAppl-MIB
Service Down	<p>Description: Service can run but is not running due to some problem in the service or device.</p> <p>Trigger: Polling.</p> <p>Severity: Critical.</p> <p>Device Type: Media server.</p>	SYSAPPL-MIB
Gateway Connectivity Lost	<p>Description: A gateway has unregistered with a Cisco Unified Communications Manager.</p> <p>Cause: Logical topology.</p> <p>Severity: Critical.</p> <p>Device Type: All.</p>	CCM-MIB
Media Connectivity Lost	<p>Description: A Media application has lost connection with the Cisco Unified Communications Manager.</p> <p>Cause: Logical topology.</p> <p>Severity: Critical.</p> <p>Device Type: All</p>	CCM-MIB

Table A-2 Cisco Unified Communications Manager Events (continued)

Event	Description	MIB
MPX Connectivity Lost	<p>Description: An MPX has lost connection with the Cisco Unified Communications Manager.</p> <p>Cause: Logical topology</p> <p>Severity: Critical.</p> <p>Device Type: All.</p>	CCM-MIB
Unity Connectivity Lost	<p>Description: Unity has lost registration with the Cisco Unified Communications Manager.</p> <p>Cause: Logical topology.</p> <p>Severity: Critical.</p> <p>Device Type: All.</p>	CCM-MIB
CodeYellowEntry	<p>Description: Cisco Unified Communications Manager has initiated call throttling due to unacceptably high delay in handling incoming calls.</p> <p>Cause: Trap processed as Syslog.</p> <p>Severity: Critical.</p> <p>Device Type: Cisco Unified Communications Manager.</p>	CISCO-SYSLOG-MIB
CodeRedEntry	<p>Description: Cisco Unified Communications Manager is not able to recover, even after attempting call throttling. The Cisco Unified Communications Manager service is shut down.</p> <p>Cause: Trap processed as Syslog.</p> <p>Severity: Critical.</p> <p>Device Type: Cisco Unified Communications Manager.</p>	CISCO-SYSLOG-MIB

Table A-2 Cisco Unified Communications Manager Events (continued)

Event	Description	MIB
DBReplicationFailure	<p>Description: Combined alarm for emergency and error situations. It indicates failure in IDS Replication. Requires database administrator intervention.</p> <p>Cause: Trap processed as Syslog.</p> <p>Severity: Critical.</p> <p>Device Type: Cisco Unified Communications Manager.</p>	CISCO-SYSLOG-MIB
CoreDumpFileFound	<p>Description: Indicates a core dump from any process on the Cisco Unified Communications Manager.</p> <p>Cause: Trap processed as Syslog.</p> <p>Severity: Critical.</p> <p>Device Type: Cisco Unified Communications Manager.</p>	CISCO-SYSLOG-MIB

Table A-3 Cisco Unified Communications Manager Express Events

Event	Description	MIB
CCME Down	<p>Description: The Cisco Unified Communications Manager Express application is down. This could be due to some problem in the application or device.</p> <p>Trigger: Polling.</p> <p>Severity: Critical.</p> <p>Device Type: Router.</p>	Cisco-CCME-MIB
CCME Ephone Deceased	<p>Description: The state of an ephone registered to Cisco Unified Communications Manager Express changed to deceased.</p> <p>Trigger: Processed trap.</p> <p>Severity: Warning.</p>	Cisco-CCME-MIB ccmeEPhoneDeceased
CCME Ephone Login Failed	<p>Description: An ephone login to Cisco Unified Communications Manager Express was rejected or failed.</p> <p>Trigger: Processed trap.</p> <p>Severity: Warning.</p> <p>Device Type: Router or voice gateway.</p>	Cisco-CCME-MIB ccmeEphoneLoginFailed

Table A-3 Cisco Unified Communications Manager Express Events (continued)

Event	Description	MIB
CCME Ephone Registration Failed	<p>Description: An ephone attempted to register with Cisco Unified Communications Manager Express and failed.</p> <p>Trigger: Processed trap.</p> <p>Severity: Warning.</p> <p>Device Type: Router or voice gateway.</p>	Cisco-CCME-MIB ccmeEPhoneRegFailed
CCME Ephone Registrations Exceeded	<p>Description: The total number of Ephones registered is exceeded and then dropped below threshold.</p> <p>Trigger: Processed trap.</p> <p>Severity: Warning.</p> <p>Device Type: Router or voice gateway.</p>	Cisco-CCME-MIB ccmeEphoneUnRegThresholdExceed
CCME Key Ephone Registration Change	<p>Description: Registration status changed for a key IP ephone with respect to Cisco Unified Communications Manager Express.</p> <p>Trigger: Processed trap.</p> <p>Severity: Warning.</p> <p>Device Type: Router or voice gateway.</p>	Cisco-CCME-MIB ccmeKeyEphoneRegChangeNotif
CCME Status Change	<p>Description: Cisco Unified Communications Manager Express enabled state has changed.</p> <p>Trigger: Processed trap</p> <p>Severity: Warning.</p> <p>Device Type: Router or voice gateway.</p>	Cisco-CCME-MIB ccmeStatusChangeNotif
CCME Livefeed MOH Failed	<p>Description: Cisco Communications Manager Express Music-on-hold (Moh) live feed has failed.</p> <p>Trigger: Processed trap.</p> <p>Severity: Warning.</p> <p>Device Type: Router or voice gateway.</p>	Cisco-CCME-MIB ccmeLivefeedMohFailedNotif

Table A-3 Cisco Unified Communications Manager Express Events (continued)

Event	Description	MIB
CCME Maximum Conferences Exceeded	<p>Description: If the maximum number of simultaneous three-party conferences supported by the Cisco Communications Manager Express is exceeded.</p> <p>Trigger: Processed trap.</p> <p>Severity: Warning.</p> <p>Device Type: Router or voice gateway.</p>	Cisco-CCME-MIB ccmeMaxConferenceNotif
CCME Night Service Change	<p>Description: If there is change in night service status on this device.</p> <p>Trigger: Processed trap.</p> <p>Severity: Warning.</p> <p>Device Type: Router or voice gateway.</p>	Cisco-CCME-MIB ccmeNightServiceChangeNotif

Table A-4 Cisco Unity Events

Event	Description	MIB
Too Many Inbound Ports Active	<p>Description: Percentage of active Cisco Unity inbound ports exceeded threshold.</p> <p>Trigger: Exceeded Active Inbound Ports Threshold.</p> <p>Severity: Critical.</p> <p>Device Type: Media server.</p>	CISCO-UNITY-MIB
Too Many Outbound Ports Active	<p>Description: Percentage of active Cisco Unity outbound ports exceeds threshold.</p> <p>Trigger: Exceeded Active Outbound Ports Threshold.</p> <p>Severity: Critical.</p> <p>Device Type: Media server.</p>	CISCO-UNITY-MIB
Too Many Unity Ports Active	<p>Description: Percentage of active ports exceeds threshold.</p> <p>Trigger: Exceeded Active Ports Threshold.</p> <p>Severity: Critical.</p> <p>Device Type: Media server.</p>	CISCO-UNITY-MIB

Table A-5 Cisco Unity Express Events

Events	Description	MIB
CUE Application Status Change	<p>Description: An application on Cisco Unity Express has come online or gone offline.</p> <p>Trigger: Processed trap</p> <p>Severity: Warning.</p> <p>Device Type: Router.</p>	<p>CUE-MIB</p> <p>ciscoUnityExpressApplAlert</p>
CUE Storage Issue	<p>Description: Notification when storage device degradation is excessive.</p> <p>Trigger: Processed trap.</p> <p>Severity: Warning.</p> <p>Device Type: Router.</p>	<p>CUE-MIB</p> <p>ciscoUnityExpressStorageAlert</p>
CUE Security Issue	<p>Description: Notification when a possible security issue is detected</p> <p>Trigger: Processed trap.</p> <p>Severity: Warning.</p> <p>Device Type: Router.</p>	<p>CUE-MIB</p> <p>ciscoUnityExpressSecurityAlert</p>
CUE NTP Issue	<p>Description: Notification of a Network Time Protocol (NTP) error.</p> <p>Trigger: Processed trap.</p> <p>Severity: Warning.</p> <p>Device Type: Router.</p>	<p>CUE-MIB</p> <p>ciscoUnityExpressNTPAlert</p>
CUE CCM Connection Lost	<p>Description: Cisco Unity Express has lost connection with Cisco Unified Communications Manager.</p> <p>Trigger: Processed trap.</p> <p>Severity: Critical.</p> <p>Device Type: Router.</p>	<p>CUE-MIB</p> <p>ciscoUnityExpressCallMgrAlert</p>
CUE Resource Exhausted	<p>Description: A Cisco Unity Express resource has been exhausted.</p> <p>Trigger: Processed trap.</p> <p>Severity: Critical.</p> <p>Device Type: Router.</p>	<p>CUE-MIB</p> <p>ciscoUnityExpressRescExhausted</p>

Table A-5 Cisco Unity Express Events (continued)

Events	Description	MIB
CUE Backup Failed	<p>Description: Cisco Unity Express backup failed.</p> <p>Trigger: Processed trap.</p> <p>Severity: Critical.</p> <p>Device Type: Router.</p>	<p>CUE-MIB</p> <p>ciscoUnityExpressBackupAlert</p>
High VM Capacity Utilization	<p>Description: Percentage of voicemail minutes used in Cisco Unity Express exceeds the Capacity Utilization Threshold.</p> <p>Trigger: Exceeded Capacity Utilization Threshold.</p> <p>Severity: Critical.</p> <p>Device Type: Router.</p>	CISCO-UNITY-EXPRESS-MIB

Table A-6 Local Wireless Access Point Events

Event	Description	MIB
LWAP Interface Channel Utilization High	<p>Description: Lightweight Access Point (LWAP) Interface Channel Utilization is high.</p> <p>Trigger: Polling.</p> <p>Severity: Critical.</p> <p>Device Type: Wireless LAN Controller.</p>	<p>AIRESPACE-WIRELESS-MIB</p> <p>airespace.bsnWireless.bsnAP.bsnAPIfLoadParametersTable</p>
LWAP Administrative Status Disable	<p>Description: Lightweight Access Point (LWAP) Administrative Status is disabled.</p> <p>Trigger: Polling.</p> <p>Severity: Informational.</p> <p>Device Type: Wireless LAN Controller.</p>	<p>AIRESPACE-WIRELESS-MIB</p> <p>airespace.bsnWireless.bsnAP.bsnAPTable</p>
LWAP Down	<p>Description: Lightweight Access Point (LWAP) is powered down or unreachable.</p> <p>Trigger: Polling, trap.</p> <p>Severity: Critical.</p> <p>Device Type: Wireless LAN Controller.</p>	<p>AIRESPACE-WIRELESS-MIB</p> <p>airespace.bsnWireless.bsnTRAPs.bsnAPDisassociated</p>

Table A-7 SRST Router Events

Event	Description	MIB
SRST Router Failure	<p>Description: A catastrophic failure occurred on an SRST router.</p> <p>Trigger: Processed trap.</p> <p>Severity: Critical.</p> <p>Device Type: Router or voice gateway.</p>	Cisco-SRST-MIB

Table A-8 List of Unresponsive Cisco netManager Active Monitor Events

Event	Description	MIB
Unresponsive	<p>This event corresponds to an active monitor event. If these active monitors are enabled, then an event will appear if it fails.</p> <p>Note Ping and SNMP are enabled by default.</p> <p>The component column lists the actual monitor name:</p> <ul style="list-style-type: none"> • DNS—Domain Name Service • Ping—Test accessibility • SNMP—Test accessibility of SNMP • Echo—TCP Echo Monitor • FTP—File Transfer Protocol (FTP server) • HTTP—Hypertext Transfer Protocol (web server) • HTTP Content—HTTP Content Monitor • IMAP4—Internet Message Access Protocol V4 • NNTP—Network News Transfer Protocol • POP3—Post Office Protocol V3 • Radius—Radius Monitor • SMTP—Simple Mail Transfer Protocol (e-mail server) • Time—Time server (RFC 868) • Telnet—Telnet protocol • Interface—SNMP interface monitor • HTTPS—Secure Hypertext Transfer Protocol (web server) 	—