



CHAPTER 7

Managing Cisco Unified Videoconferencing 5100 MCU Events

- [Available SNMP Events, page 7-1](#)
- [Viewing the Events Log, page 7-5](#)
- [Viewing the Alarms Log, page 7-5](#)
- [Viewing Security Events, page 7-5](#)
- [Setting Event Security Levels, page 7-6](#)
- [Sending a Trap on a Specified Event, page 7-6](#)
- [Viewing Event Descriptions, page 7-7](#)
- [Viewing Alarm History, page 7-7](#)
- [Using the Event Display Filter, page 7-7](#)

Available SNMP Events

[Table 7-1](#) lists trap event indications by category.

[Table 7-2](#) lists trap event indications by ID number.

Table 7-1 *MCU Trap Events by Category*

Category	ID	Type	Trap is sent when...
Info	1	Power up	The MCU has begun operation.
Info	2	Power down	The MCU is shutting down.
Info	3	Link down	Standard SNMP MIB trap indicating that the network connection is down with details about the cause and time of connection loss.
Info	4	Link up	Standard SNMP MIB trap indicating that the network connection has been reestablished.
Info	7	Warm start	The MCU has been reset via the Administrator interface.

Table 7-1 *MCU Trap Events by Category (continued)*

Category	ID	Type	Trap is sent when...
Info	8	Cold start	The MCU has been reset using the button on the front panel.
Info	10	Cpu usage	CPU usage reaches the 90 percent threshold set in the MCU.
Info	13	Abnormal disconnection	A call disconnects for a reason other than normal, busy, or no answer.
Info	16	General alarm	A system failure is detected.
Info	17	Corrupt web data	Corrupt web files are present in the MCU.
Info	18	Incompatible sw burn attempt	An attempt to burn a version of the MCU software onto incompatible hardware occurs.
Info	19	MP registration blocked	The media processor registration to the MCU failed.
Info	27	TFTP connection failed	The MCU fails to connect to a Cisco TFTP server.
Info	33	Low memory	Memory usage reaches the 90 percent threshold set in the MCU.
Alarm	5	Gatekeeper registration state change	A change occurs in the registration status of the MCU with the gatekeeper.
Alarm	6	Ethernet state change	The network returns after going down. Indicates the time at which the network was restored.
Alarm	9	MP connection	Communication with a registered media processor has broken.
Alarm	11	Network problem	A problem occurs on the network.
Alarm	15	Over heating	The configured temperature thresholds for the device are exceeded. Overheating can cause serious damage to the functioning of the device.
Alarm	31	Fan problem	A problem occurs with one of the chassis fans.
Alarm	32	Power supply problem	A problem occurs with one of the power supply units.
Security	14	Service table changed	The service table has been modified.
Security	20	User logged in	A user successfully logs in to the system via the web interface.
Security	21	User logged out	A user logs out of the system via the web interface.

Table 7-1 *MCU Trap Events by Category (continued)*

Category	ID	Type	Trap is sent when...
Security	22	Authentication failed	A user tries to log in to the web interface and authentication fails.
Security	23	Configuration changed	A configuration change is uploaded from the web interface.
Security	24	Configuration export	Configuration is exported via the web interface.
Security	25	Configuration import	Configuration is imported via the web interface.
Security	26	User account locked	A user account is disabled.
Security	28	Audio prompts uploaded	A user uploads a new set of audio messages via configuration > Customization > Audio messages > Update messages pack file, or a user modifies an existing message file.
Security	29	Version update	A user selects the Update software option via the  icon.
Security	30	Default configuration restored	A user selects the Restore factory defaults option via the  icon.

Table 7-2 *MCU Trap Events by ID*

Category	ID	Type	Trap is sent when...
Info	1	Power up	The MCU has begun operation.
Info	2	Power down	The MCU is shutting down.
Info	3	Link down	Standard SNMP MIB trap indicating that the network connection is down with details about the cause and time of connection loss.
Info	4	Link up	Standard SNMP MIB trap indicating that the network connection has been reestablished.
Alarm	5	Gatekeeper registration state change	A change occurs in the registration status of the MCU with the gatekeeper.
Alarm	6	Ethernet state change	The network returns after going down. Indicates the time at which the network was restored.
Info	7	Warm start	The MCU has been reset via the Administrator interface.
Info	8	Cold start	The MCU has been reset using the button on the front panel.

Table 7-2 *MCU Trap Events by ID (continued)*

Category	ID	Type	Trap is sent when...
Alarm	9	MP connection	Communication with a registered media processor has broken.
Info	10	Cpu usage	CPU usage reaches the 90 percent threshold set in the MCU.
Alarm	11	Network problem	A problem occurs on the network.
Info	13	Abnormal disconnection	A call disconnects for a reason other than normal, busy, or no answer.
Security	14	Service table changed	The service table has been modified.
Alarm	15	Over heating	The configured temperature thresholds for the device are exceeded. Overheating can cause serious damage to the functioning of the device.
Info	16	General alarm	A system failure is detected.
Info	17	Corrupt web data	Corrupt web files are present in the MCU.
Info	18	Incompatible sw burn attempt	An attempt to burn a version of the MCU software onto incompatible hardware occurs.
Info	19	MP registration blocked	The media processor registration to the MCU failed.
Security	20	User logged in	A user successfully logs in to the system via the web interface.
Security	21	User logged out	A user logs out of the system via the web interface.
Security	22	Authentication failed	A user tries to log in to the web interface and authentication fails.
Security	23	Configuration changed	A configuration change is uploaded from the web interface.
Security	24	Configuration export	Configuration is exported via the web interface.
Security	25	Configuration import	Configuration is imported via the web interface.
Security	26	User account locked	A user account is disabled.
Info	27	TFTP connection failed	The MCU fails to connect to a Cisco TFTP server.
Security	28	Audio prompts uploaded	A user uploads a new set of audio messages via configuration > Customization > Audio messages > Update messages pack file, or a user modifies an existing message file.

Table 7-2 *MCU Trap Events by ID (continued)*

Category	ID	Type	Trap is sent when...
Security	29	Version update	A user selects the Update software option via the  icon.
Security	30	Default configuration restored	A user selects the Restore factory defaults option via the  icon.
Alarm	31	Fan problem	A problem occurs with one of the chassis fans.
Alarm	32	Power supply problem	A problem occurs with one of the power supply units.
Info	33	Low memory	Memory usage reaches the 90 percent threshold set in the MCU.

Viewing the Events Log

The MCU displays up to 100 events.

Procedure

Step 1 Select **Events**.

Step 2 Select **All**.

Viewing the Alarms Log

Procedure

Step 1 Select **Events**.

Step 2 Select **Alarms**.

Viewing Security Events

Procedure

Step 1 Select **Events**.

Step 2 Select **Security**.

Setting Event Security Levels

Procedure

- Step 1** Select **Events**.
- Step 2** Select **All**, **Alarms** or **Security** and select the link in the Type column for the event that you want to configure,
or
Select **All** and select the  icon.
- Step 3** Select the arrow in the Review column for the event that you want to modify.
- Step 4** Select an option from the list in the Severity column.
- Cleared—One or more previously reported alarms have been cleared.
 - Info—Notification of a non-erroneous event.
 - Critical—A service-affecting event has occurred and requires immediate corrective action.
 - Major—A service-affecting event has occurred and requires corrective action to prevent the condition becoming more serious.
 - Minor—A non-service-affecting event has occurred and requires corrective action to prevent the condition becoming more serious.
 - Warning—A potential or impending service-affecting event has been detected, but no significant events have occurred yet. Action should be taken to further diagnose and correct the problems to prevent the condition becoming more serious.
- Step 5** Select **Apply**.
- Step 6** Select **Close**.
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Sending a Trap on a Specified Event

Procedure

- Step 1** Select **Events**.
- Step 2** Select **All**, **Alarms** or **Security**.
- Step 3** Select the link in the Type column for the event that you want to configure or select the  icon.
- Step 4** Select the arrow in the Review column for the event that you want to modify.
- Step 5** Select the box in the Trapped column.
- Step 6** Select **Apply**.
- Step 7** Select **Close**.
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Viewing Event Descriptions

Procedure

- Step 1** Select **Events**.
 - Step 2** Select **All**, **Alarms** or **Security**.
 - Step 3** Select the icon in the Info column for the event description that you want.
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Viewing Alarm History

Procedure

- Step 1** Select **Events**.
- Step 2** Select **Alarms**.
- Step 3** Select the **Show history** box.

When Show history is selected, the Alarms tab displays all alarm events.

When Show history is deselected, the Alarms tab displays only alarm events that are still current.

Using the Event Display Filter

Procedure

- Step 1** Select **Events**.
 - Step 2** Select **All**.
 - Step 3** Select **Filter settings**.
 - Step 4** Select the information that you want to display on the events log.
 - Step 5** Select **Apply**.
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