



CHAPTER 18

Configuring SNMP for Cisco Unified Conferencing for TelePresence

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Restrictions

- You can use SNMP to monitor only the Cisco Unified Conferencing for TelePresence application.
- Version 1.1 works with SNMP version 1 and version 2.
- Version 1.1 supports the following non-standard MIBs:
 - CISCO-CDP-MIB
 - HOST-RESOURCE-MIB
 - SYS-APPL-MIB, primarily following the sysAppElmtRunTable and sysAppInstallPkgEntry table



Tip

You can download the MIB files to import into your network management server or SNMP monitoring package from [ftp://ftp-sj.cisco.com/pub/mibs/v2/](http://ftp-sj.cisco.com/pub/mibs/v2/).

About SNMP

SNMP is used to monitor the Cisco Unified Conferencing for TelePresence application the same way you manage other devices on the network. By using an SNMP management tool and configuring it appropriately, you can obtain network status information and gain access to the Cisco Unified Conferencing for TelePresence system.

Once the non-standard MIBs are in place, the SNMP feature supports all standard MIB II queries and a set of Cisco Unified Conferencing for TelePresence MIB traps. The MIB II queries include information such as the Cisco Unified Conferencing for TelePresence server name, location, and contact name, plus various statistics regarding the network interface.

The Cisco Unified Conferencing for TelePresence system uses traps to report certain events. [Table 18-1](#) describes the conditions that generate Cisco Unified Conferencing for TelePresence traps.

Table 18-1 Cisco Unified Conferencing for TelePresence SNMP Traps

Alarm	Is Generated When...
	The server restarts or crashes (cold start).
Major software alarm	A major software failure occurs.
Minor software alarm	A minor software failure occurs.

Each major and minor software notification includes an integer alarm code that indicates which software module and server reported the alarm. Each alarm instance typically generates a separate notification; however, one specific incident could trigger multiple types of alarms.

How to Configure SNMP Community Strings

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- [Editing an SNMP Community String, page 18-4](#)
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Adding an SNMP Community String

Procedure

-
- Step 1
- Step 2 **Maintenance > SNMP > Community Strings**
- Step 3 **Add New**

Table 18-2 Fields on the Add SNMP Community String Page

Field	Description	Values
		—

Fields on the Add SNMP Community String Page (continued)

Step 5

Related Topics

-
-
-
-

Viewing an SNMP Community String

Procedure

Step 1

Step 2

Step 3

Step 4

Cancel

Related Topics

-
-
-
-

Editing an SNMP Community String

Procedure

Step 1

Step 2

Step 3

Step 4

Step 5

Save

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Deleting an SNMP Community String

Restrictions

Procedure

Step 1

Step 2

Step 3 Check the check box next to the community string name.

Step 4 Click **Delete Selected**

OK

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How to Configure SNMP Notification Destinations

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-
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Adding an SNMP Notification Destination

Procedure

-
- Step 1
 - Step 2 Notification Destination
 - Step 3 Add New
 - Step 4 Add New
 - Step 5

Table 18-3 *Fields on the Add SNMP Notification Destination Page*

Step 6

Related Topics

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