



Configuring SNMP Settings

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About SNMP

Cisco Unified SIP Proxy supports SNMP MIBs and traps for monitoring its status. Cisco Unified SIP Proxy supports the basic foundation SNMP MIBs and traps:

- SYSAPPL-MIB
- CISCO-SYSLOG-MIB
- IF-MIB
- ENTITY-MIB
- CISCO-PROCESS-MIB
- SNMPv2-MIB
- IP-MIB

A system object ID (OID) must be assigned for Cisco Unified SIP Proxy. Each of the following platform and software combination has an OID:

- CUSP-NME
- CUSP-SM-700
- CUSP-SM-900



Note

There are no CUSP specific traps that are currently available. SNMP support is not part of CUSP component and CISCO-PROCESS-MIB support does not exist at this time. CUSP GUI is the only way to monitor the CPU and call capacity. At this time CUSP does not offer any specific SNMP traps. Also, there are no plans to implement SNMP into the CUSP module.

Adding, Editing, and Deleting an SNMP Community String

Use this procedure to add or edit an SNMP community. Communities can either be read-only or read-write only.

Restriction

You can only define up to five read-only community strings and up to five read-write community strings.

Procedure

Step 1 Choose **System > SNMP > Communities**.

The system displays the SNMP Communities page.

Step 2 To add an SNMP community string, do the following:

- a. In an empty space, enter the SNMP community string.

If there are no empty spaces, you must first delete another SNMP community string before you can add a new one. You can only define up to five read-only community strings and up to five read-write community strings.

- b. Click **Update**.

Step 3 To edit an existing SNMP community string, do the following:

- a. Go to the SNMP community string to edit and edit the name.
- b. Click **Update**.

Step 4 To remove an SNMP community string, do the following:

- a. Go to the SNMP community string to delete and highlight the name.
 - b. Click **Delete** on your keyboard.
 - c. Click **Update**.
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Related Topics

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Adding, Editing, and Removing an SNMP Trap Host

Configure an SNMP trap host to be notified of SNMP events. The system is configured to send all SNMP traps as they occur.

Restrictions

- The hostname that you enter must be found in the DNS.
- You cannot edit the hostname after it has been entered and saved.

Before You Begin

Gather the following information:

- The hostname of the SNMP trap host

- The community string of the SNMP trap host

Procedure

- Step 1** Choose **System > SNMP > Hosts**.
The system displays the SNMP Trap Hosts page.
- Step 2** To add an SNMP trap host, do the following:
- a. Click **Add**.
The system displays the SNMP Host Profile page.
 - b. Enter the hostname and the community string for the SNMP trap.
 - c. Click **Update**.
- Step 3** To edit an existing SNMP trap host, do the following:
- a. Click the underlined hostname of the SNMP trap host to edit.
The system displays the SNMP Host Profile page.
 - b. Edit the community string for the SNMP trap.
 - c. Click **Update**.
- Step 4** To remove an SNMP trap host, do the following:
- a. Check the check box next to the SNMP trap host.
 - b. Click **Remove**.
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Related Topics

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Displaying MIBs

Use this procedure to display a list of the MIBs for Cisco Unified SIP Proxy.

Procedure

- Step 1** Choose **System > SNMP > MIBs**.
The system displays the SNMP MIBs page.
- Step 2** To enable the traps for all the SNMP MIBs, check **Enable SNMP Traps** and click **Update**.
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Related Topics

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Editing the SNMPv2-MIB

The only MIB that you can edit is the SNMPv2-MIB.

Procedure

- Step 1** Choose **System > SNMP > MIBs**.
The system displays the SNMP MIBs page.
- Step 2** Click the underlined name of the SNMPv2-MIB.
The system displays the SNMPv2-MIB page.
- Step 3** Enter or update the contact or location for the SNMPv2-MIB.
- Step 4** Click **Update**.
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Related Topics

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