CHAPTER 1

Configuring Cisco Unified Videoconferencing 3545 Chassis Parameters

About the System Section

If your Cisco Unified Videoconferencing 3545 Gateway module is installed in the top slot of the Cisco Unified Videoconferencing 3545 chassis, then the module also performs PCI bus functions for the chassis. In the gateway interface, you can use the System section to monitor chassis functions remotely.

One of the functions the chassis performs is to monitor ambient temperature. You can set temperature thresholds in the System section. The chassis uses these thresholds to trigger a warning that the ambient temperature exceeds specification and when the temperature has returned to five degrees below the warning threshold.

Viewing the System Section

Procedure

Step 1 Access the gateway interface.

Step 2 On the sidebar, click **System**.

Table 1-1 lists the elements that appear in the System section.

Table 1-1 System Elements

Element	Description
Information section	This section provides the this information about the Cisco Unified Videoconferencing 3545 chassis hardware: • Serial number—Displays the serial number of the chassis. • Part number—Displays the part number of the chassis. • System configuration—Identifies the hardware configuration the chassis uses.
Temperature threshold	In this section, you can set the this temperature values that the chassis uses to trigger changes in the ambient temperature status: • Low—Enter the temperature value at which the gateway module turns off the chassis temperature alarm. The value is measured in Celsius. • High—Enter the temperature value above which the gateway module turns on the chassis temperature alarm. The value is measured in Celsius.
Status section	These LEDs provide information about chassis operation. • Power—This LED lights green for normal operation. It lights red when one power supply fails. • Alarm—This LED lights green for normal operation. It lights red when a system failure occurs. • Fans—This LED lights green for normal operation. It lights red when one or more fans fail. A message then appears indicating which fan has failed. • Temperature—This LED lights green for normal operation. It is red when the chassis determines that the ambient temperature rises above the high temperature threshold. The LED blinks when the falling ambient temperature crosses the high threshold to within five degrees of the high threshold.

Related Topics

- Setting Chassis Temperature Thresholds, page 1-2
- Refreshing the System Section, page 1-3

Setting Chassis Temperature Thresholds

In the System section, you can set critical and safe temperatures for the Cisco Unified Videoconferencing 3545 chassis.

Procedure

Step 1 Launch the gateway interface of the module installed in the top slot of the chassis.

Step 2 On the sidebar, click **System**.

Step 3 In the **High** field, enter a Celsius value for the critical temperature threshold.

We recommend that you set this critical threshold to 40°C.

The Alarm and Temperature LEDs both light red when the operating temperature inside the chassis rises above this value.

Step 4 In the **Low** field, enter a Celsius value for the safe temperature threshold.

We recommend that you set this safe threshold to 35°C.

The Alarm and Temperature LEDs both light green when the operating temperature inside the chassis falls below this value.

The Alarm and Temperature LEDs both light red when the difference between the temperatures recorded by the High and Low sensors is greater than 5°C, and both temperatures are above the value set in the High field.

The Alarm and Temperature LEDs both blink green when the difference between the temperatures recorded by the High and Low sensors is greater than 5°C, and at least one of the temperatures is below the value set in the High field.

Step 5 Click **Upload** to save your changes.

Step 6 Click **Refresh** to refresh the gateway interface System section.

Refreshing the System Section

You can refresh the information that appears in the System section to provide the latest gateway status.

Procedure

Step 1 In the gateway interface, make sure that System is selected on the sidebar.

Step 2 Click **Refresh**.