



Viewing Server Sensors

This chapter includes the following sections:

- [Viewing Temperature Sensors, page 1](#)
- [Viewing Voltage Sensors, page 2](#)
- [Viewing LED Sensors, page 2](#)
- [Viewing Storage Sensors, page 3](#)

Viewing Temperature Sensors

Procedure

	Command or Action	Purpose
Step 1	Server# scope sensor	Enters sensor command mode.
Step 2	Server /sensor # show temperature [detail]	Displays temperature sensor statistics for the server.

This example displays temperature sensor statistics:

```

Server# scope sensor
Server /sensor # show temperature
Name           Sensor Status  Reading  Units  Min. Warning Max. Warning
Min. Failure  Max. Failure
-----
IOH_TEMP_SENS Normal         32.0    C      N/A      80.0
N/A            85.0
P2_TEMP_SENS  Normal         31.0    C      N/A      80.0
N/A            81.0
P1_TEMP_SENS  Normal         34.0    C      N/A      80.0
N/A            81.0
DDR3_P2_D1_TMP Normal         20.0    C      N/A      90.0
N/A            95.0
DDR3_P1_A1_TMP Normal         21.0    C      N/A      90.0
N/A            95.0
FP_AMBIENT_TEMP Normal         28.0    C      N/A      40.0
  
```

```
N/A          45.0
Server /sensor #
```

Viewing Voltage Sensors

Procedure

	Command or Action	Purpose
Step 1	Server# scope sensor	Enters sensor command mode.
Step 2	Server /sensor # show voltage [detail]	Displays voltage sensor statistics for the server.

This example displays voltage sensor statistics:

```
Server# scope sensor
Server /sensor # show voltage
Name                               Sensor Status Reading  Units  Min. Warning Max. Warning
Min. Failure Max. Failure
-----
P3V_BAT_SCALED                     Normal      3.022   V      N/A      N/A
2.798      3.088
P12V_SCALED                         Normal     12.154   V      N/A      N/A
11.623     12.331
P5V_SCALED                          Normal      5.036   V      N/A      N/A
4.844      5.157
P3V3_SCALED                         Normal      3.318   V      N/A      N/A
3.191      3.381
P5V_STBY_SCALED                    Normal      5.109   V      N/A      N/A
4.844      5.157
PV_VCCP_CPU1                       Normal      0.950   V      N/A      N/A
0.725      1.391
PV_VCCP_CPU2                       Normal      0.891   V      N/A      N/A
0.725      1.391
P1V5_DDR3_CPU1                     Normal      1.499   V      N/A      N/A
1.450      1.548
P1V5_DDR3_CPU2                     Normal      1.499   V      N/A      N/A
1.450      1.548
P1V1_IOH                            Normal      1.087   V      N/A      N/A
1.068      1.136
P1V8_AUX                            Normal      1.773   V      N/A      N/A
1.744      1.852

Server /sensor #
```

Viewing LED Sensors

Before You Begin

The server must be powered on, or the information will not display.

Procedure

	Command or Action	Purpose
Step 1	Server# scope chassis	Enters chassis command mode.
Step 2	Server /chassis # show led [detail]	Displays the name, state, and color of the external LEDs.

This example displays information about the external LEDs:

```
Server# scope chassis
Server /chassis # show led
LED Name                LED State  LED Color
-----
LED_SYS_ACT             OFF        GREEN
LED_HLTH_STATUS        ON         GREEN

Server /chassis # show led detail
LEDs:
  LED Name: LED_SYS_ACT
  LED State: OFF
  LED Color: GREEN
LEDs:
  LED Name: LED_HLTH_STATUS
  LED State: ON
  LED Color: GREEN
ucs-e160dp-m1 /chassis #
```

Viewing Storage Sensors

Procedure

	Command or Action	Purpose
Step 1	Server# scope chassis	Enters chassis command mode.
Step 2	Server /chassis # show hdd [detail]	Displays storage sensor information.

The displayed fields are described in the following table:

Name	Description
Name column	The name of the storage device. This can be: HDDX_PRS —Indicates the presence or absence of each hard drive.
Status column	A brief description of the status of the storage device.

Name	Description
LED Status column	<p>The current LED color, if any.</p> <p>To make the physical LED on the storage device blink, select Turn On from the drop-down list. To let the storage device control whether the LED blinks, select Turn Off.</p>

This example displays storage sensor information:

```

Server# scope chassis
Server /chassis # show hdd
Name                Status
-----
HDD1_PRS            inserted
HDD2_PRS            inserted
HDD3_PRS            inserted

Server /chassis #

```