Viewing Server Sensors

This chapter includes the following sections:

Viewing the Fault Summary

Procedure

	Command or Action	Purpose
Step 1	Server# **scope fault**	Enters fault command mode.
Step 2	Server /fault # **show discrete-alarm [detail]**	Displays a summary of faults from discrete sensors.
Step 3	Server /fault # **show threshold-alarm [detail]**	Displays a summary of faults from threshold sensors.
Step 4	Server /fault # **show pef [detail]**	Displays a summary of platform event filters.

This example displays a summary of faults from discrete sensors:

```
Server# scope fault
Server /fault # show discrete-alarm
Name         Reading              Sensor Status
------------ -------------------- -----------------------------------
PSU2_STATUS  absent               Critical

Server /fault #
```

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 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: **HDD***X*_**PRS**—Indicates the presence or absence of each hard drive.
Status column	A brief description of the status of the storage device.

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 #
```