



Viewing Server Sensors

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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.

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 Power Supply Sensors

Procedure

	Command or Action	Purpose
Step 1	Server# scope sensor	Enters sensor command mode.
Step 2	Server /sensor # show psu [detail]	Displays power supply sensor statistics for the server.
Step 3	Server /sensor # show psu-redundancy [detail]	Displays power supply redundancy sensor status for the server.

This example displays power supply sensor statistics:

```

Server# scope sensor
Server /sensor # show psu
Name                Sensor Status      Reading  Units      Min. Warning  Max. Warning
  Min. Failure      Max. Failure
-----
PSU1_STATUS          Normal              present
PSU2_STATUS          Normal              present

Server /sensor # show psu-redundancy
Name                Reading  Sensor Status
-----
PSU_REDUNDANCY      full    Normal

Server /sensor #

```

Viewing Fan Sensors

Procedure

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

This example displays fan sensor statistics:

```

Server# scope sensor
Server /sensor # show fan
Name                Sensor Status      Reading  Units      Min. Warning  Max. Warning
  Min. Failure      Max. Failure
-----
W793_FAN2_TACH1     Normal              2400    RPM        N/A           N/A
800                 N/A
W793_FAN2_TACH2     Normal              2400    RPM        N/A           N/A
800                 N/A
W793_FAN3_TACH1     Normal              2300    RPM        N/A           N/A
800                 N/A

```

```

W793_FAN3_TACH2      Normal      2300      RPM      N/A      N/A
800                  N/A
W793_FAN4_TACH1      Normal      2400      RPM      N/A      N/A
800                  N/A
W793_FAN4_TACH2      Normal      1600      RPM      N/A      N/A
800                  N/A

Server /sensor #

```

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 Current Sensors

Procedure

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

This example displays current sensor statistics:

```

Server# scope sensor
Server /sensor # show current
Name                               Sensor Status Reading Units Min. Warning Max. Warning
Min. Failure Max. Failure
-----
VR_P2_IMON                         Normal     16.00   AMP      N/A     147.20
N/A      164.80
VR_P1_IMON                         Normal     27.20   AMP      N/A     147.20
N/A      164.80

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.
Status column	The status of the device. This can be: • Absent • Degraded • N/A • Online • Present

This example displays storage sensor information:

```

Server# scope chassis
Server /chassis # show hdd
Name                               Status
-----
HDD_01_STATUS                      present
HDD_02_STATUS                      present
HDD_03_STATUS                      present
HDD_04_STATUS                      present

Server /chassis #

```

