



Viewing Server Sensors

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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 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 #

```