



Configuring Platform Event Filters

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Platform Event Filters

A platform event filter (PEF) can trigger an action. For each PEF, you can choose the action to be taken (or take no action) when a platform event occurs.

Configuring Platform Event Filters

You can configure actions and alerts for the following platform event filters:

ID	Platform Event Filter
1	Temperature Critical Assert Filter
2	Voltage Critical Assert Filter
3	Current Assert Filter
4	Fan Critical Assert Filter
5	Processor Assert Filter
6	Power Supply Critical Assert Filter
7	Memory Critical Assert Filter

Procedure

	Command or Action	Purpose
Step 1	Server# scope fault	Enters the fault command mode.

	Command or Action	Purpose
Step 2	Server /fault # scope pef id	Enters the platform event filter command mode for the specified event. See the Platform Event Filter table for event ID numbers.
Step 3	Server /fault/pef # set action {none reboot power-cycle power-off}	Selects the desired system action when this event occurs. The action can be one of the following: <ul style="list-style-type: none"> • none —No system action is taken. • reboot —The server is rebooted. • power-cycle —The server is power cycled. • power-off —The server is powered off.
Step 4	Server /fault/pef # commit	Commits the transaction to the system configuration.

Example

This example configures the platform event alert for an event:

```
Server# scope fault
Server /fault # scope pef 5
Server /fault/pef # set action reboot
Server /fault/pef *# commit
Server /fault/pef # show
Platform Event Filter Event          Action
-----
5          Processor Assert Filter    reboot

Server /fault/pef #
```

Resetting Event Platform Filters

Procedure

	Command or Action	Purpose
Step 1	Server# scope fault	Enters the fault command mode.
Step 2	Server /fault # set platform-event-enabled yes	Enables platform event alerts.
Step 3	Server /fault # commit	Commits the transaction to the system configuration.
Step 4	Server /fault # reset-event-filters	Resets the platform event filters.

	Command or Action	Purpose
Step 5	Server /fault # show pef	Displays the latest platform event filters.

Example

The following example enables platform event alerts:

```

Server# scope fault
Server /fault # set platform-event-enabled yes
Server /fault *# commit
Server /fault # show
Platform Event Enabled
-----
    yes

Server /fault # reset-event-filters
Server /fault # show pef
Platform Event Filter   Event                                     Action
-----
1           Temperature Critical Assert Filter   none
2           Voltage Critical Assert Filter       none
3           Current Assert Filter                 none
4           Fan Critical Assert Filter            none
5           Processor Assert Filter               none
6           Power Supply Critical Assert Filter  none
7           Memory Critical Assert Filter         none

Server /fault #
    
```

