



## 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
<b>Step 1</b>	Server# <b>scope fault</b>	Enters the fault command mode.

	Command or Action	Purpose
<b>Step 2</b>	Server /fault # <b>scope pef id</b>	Enters the platform event filter command mode for the specified event.  See the Platform Event Filter table for event ID numbers.
<b>Step 3</b>	Server /fault/pef # <b>set action {none   reboot   power-cycle   power-off}</b>	Selects the desired system action when this event occurs. The action can be one of the following: <ul style="list-style-type: none"> <li>• <b>none</b> —No system action is taken.</li> <li>• <b>reboot</b> —The server is rebooted.</li> <li>• <b>power-cycle</b> —The server is power cycled.</li> <li>• <b>power-off</b> —The server is powered off.</li> </ul>
<b>Step 4</b>	Server /fault/pef # <b>commit</b>	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
<b>Step 1</b>	Server# <b>scope fault</b>	Enters the fault command mode.
<b>Step 2</b>	Server /fault # <b>set platform-event-enabled yes</b>	Enables platform event alerts.
<b>Step 3</b>	Server /fault # <b>commit</b>	Commits the transaction to the system configuration.
<b>Step 4</b>	Server /fault # <b>reset-event-filters</b>	Resets the platform event filters.

	Command or Action	Purpose
<b>Step 5</b>	Server /fault # <b>show pef</b>	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 #
    
```

