



Configuring Platform Event Filters

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Configuring Platform Event Filters

The examples in this section show how to use the Cisco IMC XML API to retrieve and perform configuring platform event filters tasks. Each example shows the XML API request followed by the response from Cisco IMC.

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Enabling Platform Event Filters

Request:

```
<configConfMo cookie="1472923819/9b885334-9e3b-1b9e-8003-be18652a6ca4"
dn="sys/chassis-1/event-management">
<inConfig>
  <eventManagement dn="sys/chassis-1/event-management" adminState="enabled"/>
</inConfig>
</configConfMo>
```

Response:

```
<configConfMo dn="sys/chassis-1/event-management"
cookie="1472923819/9b885334-9e3b-1b9e-8003-be18652a6ca4" response="yes">
<outConfig>
  <eventManagement dn="sys/chassis-1/event-management" adminState="enabled"
adminAction="no-op" status="modified"/>
</outConfig>
</configConfMo>
```

Disabling Platform Event Filters

Request:

```
<configConfMo cookie="1472923819/9b885334-9e3b-1b9e-8003-be18652a6ca4"
dn="sys/chassis-1/event-management">
<inConfig>
  <eventManagement dn="sys/chassis-1/event-management" adminState="disabled"/>
</inConfig>
</configConfMo>
```

Response:

```
<configConfMo dn="sys/chassis-1/event-management"
cookie="1472923819/9b885334-9e3b-1b9e-8003-be18652a6ca4" response="yes">
<outConfig>
  <eventManagement dn="sys/chassis-1/event-management" adminState="disabled"
adminAction="no-op" status="modified"/>
</outConfig>
</configConfMo>
```

Resetting Platform Event Filters

Request:

```
<configConfMo cookie="1472923819/9b885334-9e3b-1b9e-8003-be18652a6ca4"
dn="sys/chassis-1/event-management">
<inConfig>
  <eventManagement dn="sys/chassis-1/event-management"
adminAction="reset-event-filters"/>
</inConfig>
</configConfMo>
```

Response:

```
<configConfMo dn="sys/chassis-1/event-management"
cookie="1472923819/9b885334-9e3b-1b9e-8003-be18652a6ca4" response="yes">
<outConfig>
  <eventManagement dn="sys/chassis-1/event-management" adminState="enabled"
adminAction="no-op" status="modified"/>
</outConfig>
</configConfMo>
```

Configuring Platform Event Filters

Request:

```
<configConfMo cookie="1400975065/29082126-fa2e-1a2e-8005-bcbec261b284"
dn="sys/chassis-1/server-1/event-management" inHierarchical="true">
<inConfig>
  <eventManagement dn="sys/chassis-1/server-1/event-management">
    <platformEventFilters id="1" action="power-off" rn="pef-1"/>
    <platformEventFilters id="2" action="power-off" rn="pef-2"/>
    <platformEventFilters id="3" action="power-cycle" rn="pef-3"/>
    <platformEventFilters id="4" action="power-cycle" rn="pef-4"/>
  </eventManagement>
</inConfig>
</configConfMo>
```

Response:

```
<configConfMo dn="sys/chassis-1/server-1/event-management"
cookie="1400975065/29082126-fa2e-1a2e-8005-bcbec261b284" response="yes">
  <outConfig>
    <eventManagement dn="sys/chassis-1/server-1/event-management" adminState="enabled"
      adminAction="no-op" status="modified">
      <platformEventFilters id="1" event="Temperature Critical Assert Filter"
        action="power-off" rn="pef-1" status="modified"/>
      <platformEventFilters id="2" event="Voltage Critical Assert Filter"
        action="power-off" rn="pef-2" status="modified"/>
      <platformEventFilters id="3" event="Current Critical Assert Filter"
        action="power-cycle" rn="pef-3" status="modified"/>
      <platformEventFilters id="4" event="Processor Assert Filter" action="none"
        rn="pef-4" status="modified"/>
      <platformEventFilters id="5" event="Memory Critical Assert Filter" action="none"
        rn="pef-5" status="modified"/>
    </eventManagement>
  </outConfig>
</configConfMo>
```

Configuring Platform Event Filters

Request:

```
<configConfMo cookie="1472923819/9b885334-9e3b-1b9e-8003-be18652a6ca4"
dn="sys/chassis-1/event-management/pef-2">
  <inConfig>
    <platformEventFilters id="2" action="power-cycle" rn="pef-2"/>
  </inConfig>
</configConfMo>
```

Response:

```
<configConfMo dn="sys/chassis-1/event-management/pef-2"
cookie="1472923819/9b885334-9e3b-1b9e-8003-be18652a6ca4" response="yes">
  <outConfig>
    <platformEventFilters id="2" event="Voltage Warning Assert Filter" action="power-cycle"
      dn="sys/chassis-1/event-management/pef-2" status="modified"/>
  </outConfig>
</configConfMo>
```

