



## Alarms Commands

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To use these commands in System Admin VM, you must be in a user group associated with appropriate command rules and data rules. If the user group assignment is preventing you from using a command, contact your AAA administrator for assistance.

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# show alarms

To display alarms related to System Admin in brief or detail, use the **show alarms** command in the System Admin EXEC mode.

**show alarms** [**brief** [**card** | **rack** | **system**] [**location** *node-id*] [**active** | **history**]] | **detail** [**card** | **rack** | **system**] [**location** *node-id*] [**active** | **clients** | **history** | **stats**]]

## Syntax Description

|                                |   |
|--------------------------------|---|
| <b>brief</b>                   | Displays alarms in brief.   |
| <b>card</b>                    | Displays card scope alarms related data.  |
| <b>rack</b>                    | Displays rack scope alarms related data.  |
| <b>system</b>                  | Displays system scope alarms related data.  |
| <b>location</b> <i>node-id</i> | Specifies the target location. The <i>node-id</i> argument is expressed in the <i>rack/slot</i> notation. |
| <b>active</b>                  | Displays active alarms.   |
| <b>history</b>                 | Displays alarm history.   |
| <b>detail</b>                  | Displays alarms in detail.  |
| <b>clients</b>                 | Displays clients associated with the service.   |
| <b>stats</b>                   | Displays service statistics.  |

## Command Default

None

## Command Modes

System Admin EXEC

## Command History

| Release       | Modification                 |
|---------------|------------------------------|
| Release 5.0.0 | This command was introduced. |

## Examples

This example displays the output of the **show alarms brief** command:

```
sysadmin-vm:0_RP0#show alarms brief card location 0/1
```

```
Tue Aug 20 00:35:30.442 UTC
```

```
-----
```

## History Alarms

| Location                                | Severity | Group   | Set time<br>Clear time | Description                      |
|---|----------|---------|------------------------|----------------------------------|
| 0/1<br>high voltage alarm from a sensor | critical | environ | 08/19/13 21:35:29      | Vctrl11-VP1P2: ENVMON detects    |
| 0/1<br>access error                     | minor    | environ | 08/19/13 21:35:29      | MB Inlet: ENVMON detects an I2C  |
| 0/1<br>a sensor fault                   | major    | environ | 08/19/13 21:35:29      | multiple sensors: ENVMON detects |
| 0/1<br>access error                     | minor    | environ | 08/19/13 21:35:29      | PCIe Die: ENVMON detects an I2C  |
|   |          |         | 08/19/13 21:35:29      |                                  |

# show alarms trace

To display debug trace information, use the **show alarms trace** command in the System Admin EXEC mode.

**show alarms trace** {**all**| *trace-name*} **location** *node-id* [**all**| *trace-attribute*]

## Syntax Description

|                                |   |
|--------------------------------|---|
| <b>all</b>                     | Displays trace information for all the trace buffers in the system.                                       |
| <i>trace-name</i>              | Displays trace information for a specific trace buffer name.  |
| <b>location</b> <i>node-id</i> | Specifies the target location. The <i>node-id</i> argument is expressed in the <i>rack/slot</i> notation. |
| <i>trace-attribute</i>         | Specifies the trace attribute.  |

## Command Default

None

## Command Modes

System Admin EXEC

## Command History

| Release       | Modification                 |
|---------------|------------------------------|
| Release 5.0.0 | This command was introduced. |

## Usage Guidelines

This command displays the alarm traces per card and is used for diagnostics only.

## Examples

The following example shows the output of the **show alarms trace** command:

```
sysadmin-vm:0_RP0#show alarms trace info location 0/RP0 all
```

```
Fri Sep 13 08:01:03.901 UTC
02.58.38.585741952:alarm_mgr: starting CAPI NM service initialization.
02.58.38.585762688:alarm_mgr: CAPI client (base) service initialization.
02.58.38.621692800:alarm_mgr: pm connect request completed normally.
02.58.38.690578432:alarm_mgr: starting CAPI client service <calv_alarm_nm> activation.
02.58.38.746492160:alarm_mgr: alarm service <calv_alarm_nm> activated.
02.58.39.459840512:calv_alarm_ds: connected to DS service.
02.58.41.340024832:alarm_mgr: connected to platform local service.
02.58.41.420551040:alarm_mgr: IP address registration succeeded.
02.58.41.420573568:alarm_mgr: pl nodeid registration succeeded.
02.58.52.128728192:alarm_mgr: node IP address: 0xc0000001
02.58.52.128778240:alarm_mgr: starting CAPI client service <calv_alarm_nm> activation.
02.58.52.129173632:alarm_mgr: alarm service <calv_alarm_nm> activated.
02.58.52.341911808:alarm_mgr: service<calv_alarm_nm> client connection detected,hndl:
0x23bf380 me: 0x23290e0
```

```
02.58.52.341925760:alarm_mgr: new client detected service <calv_alarm_nm>, hndl: 0x23bf380
02.58.52.361801344:alarm_mgr: service<calv_alarm_nm> client connection detected, hndl:
0x23d16a0 me: 0x23290e0
02.58.52.361802752:alarm_mgr: new client detected service <calv_alarm_nm>, hndl:0x23d16a0
02.58.52.382194688:alarm_mgr: service <calv_alarm_nm> client registering
--More--
```

 **show alarms trace**