



Alarms Commands

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.

- [show alarms, on page 2](#)
- [show alarms trace, on page 4](#)

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

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

Command Default

None

Command Modes

System Admin EXEC

Command History

Release	Modification
Release 5.0.0	This command was introduced.

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 Clear time	Description
0/1	critical	environ	08/19/13 21:35:29 08/19/13 21:35:29	Vctrl1-VP1P2: ENVMON detects high voltage alarm from a sensor

```
0/1          minor    environ  08/19/13 21:35:29  MB Inlet: ENVMON detects an I2C
access error
                                08/19/13 21:35:29
0/1          major    environ  08/19/13 21:35:29  multiple sensors: ENVMON detects
a sensor fault
                                08/19/13 21:35:29
0/1          minor    environ  08/19/13 21:35:29  PCIe Die: ENVMON detects an I2C
access error
                                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	all	Displays trace information for all the trace buffers in the system.
	<i>trace-name</i>	Displays trace information for a specific trace buffer name.
	location <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.

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