



show alarm

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show alarm all

Table 1: show alarm all Command Output Descriptions

| Field | Description |
|--------------------------|--|
| Audible Alarm | Indicates status of Audible Central Office (CO) Alarm on the SMC (ASR 5000) or SSC (ASR 5500): OFF = audible alarm disabled; ON = audible alarm enabled. |
| Alarm Statistics: | |

| Field | Description |
|----------------------------|---|
| Cumulative Totals | <p>Indicates the number of alarms that have occurred since the system was last booted:</p> <ul style="list-style-type: none"> • Total: The total number of currently outstanding alarms. • Critical (CR): This alarm is triggered when events cause a degradation in service. • Major (MJ): This alarm is triggered on the following conditions: <ul style="list-style-type: none"> • A hardware failure was detected on a card that will cause it to be taken off-line. • One of the Power Filter Units has failed or was removed. • One or more of the fans on either the upper or lower fan tray have failed. • The upper or lower fan tray has been removed. • Minor (MN): This alarm is triggered when a high temperature is detected on a card causing the fan tray to switch to high speed. |
| Outstanding Alarms: | |
| Sev | Indicates the severity of the alarm indicated as CR (critical), MJ (major) or MI (minor). |
| Object | Indicates the source of the alarm. |
| Event | Displays information about the type of alarm. |

show alarm audible

Indicates the current state of the Audible CO Alarm on the SMC (ASR 5000) or SSC (ASR 5500) as:

- "Audible Alarm OFF" (Disabled)
- "Audible Alarm ON" (Enabled)

show alarm central-office

Indicates the current state of the Central Office Alarm contacts on the SPIO card (ASR 5000) or SSC (ASR 5500) as:

- "All Central Office (CO) alarms are off" (Disabled)
- "All Central Office (CO) alarms are on" (Enabled)

show alarm facility

Indicates the current state of the Audible CO Alarm and CO alarm contacts on the SMC/SPIO (ASR 5000) or SSC (ASR 5500) as:

- "Audible Alarm OFF"
 - "All Central Office (CO) alarms are off" (Disabled)
- "Audible Alarm ON"
 - "All Central Office (CO) alarms are on" (Enabled)

show alarm outstanding all verbose

Table 2: show alarm outstanding all verbose Command Output Descriptions

| Field | Description |
|----------------|---|
| Severity (Sev) | <p>If an alarm is present, the system indicates that one of the following alarm levels has been triggered:</p> <ul style="list-style-type: none"> • Critical (CR): This alarm is triggered when events cause a degradation in service (i.e. the system is supporting a large number of subscribers and Processing Cards are removed thus reducing the amount of available CPU and memory resources). • Major (MJ): This alarm is triggered on the following conditions: <ul style="list-style-type: none"> • A hardware failure was detected on a card that will cause it to be taken off-line. • One of the Power Filter Units has failed or was removed. • One or more of the fans on either the upper or lower fan tray have failed. • Either the upper or lower fan trays have been removed. • Minor (MN): This alarm is triggered when a high temperature is detected on a card causing the fan tray to switch to high speed. |
| Object | Describes the source and type of the alarm event. |

| Field | Description |
|-----------|---|
| Timestamp | Lists the date and time that the alarm condition was triggered, in the format: <day-of-week> <month> <day> <hh:mm:ss> <timezone>. |
| Alarm ID | The internal system ID of the alarm. |

show alarm statistics

Table 3: show alarm statistics Command Output Descriptions

| Field | Description |
|----------------------------|---|
| Current Outstanding Alarms | <p>Indicates the alarm conditions that are currently active:</p> <ul style="list-style-type: none"> • Total: The total number of currently outstanding alarms. • Critical (CR): This alarm is triggered when events cause a degradation in service. • Major (MJ): This alarm is triggered on the following conditions: <ul style="list-style-type: none"> • A hardware failure was detected on a card that will cause it to be taken off-line. • One of the Power Filter Units has failed or was removed. • One or more of the fans on either the upper or lower fan tray have failed. • The upper or lower fan tray has been removed. • Minor (MN): This alarm is triggered when a high temperature is detected on a card causing the fan tray to switch to high speed. |

| Field | Description |
|-------------------|--|
| Cumulative Totals | <p data-bbox="834 281 1526 342">Indicates the number of alarms that have occurred since the system was last booted:</p> <ul data-bbox="873 363 1523 1024" style="list-style-type: none"><li data-bbox="873 363 1523 394">• Total: The total number of currently outstanding alarms.<li data-bbox="873 415 1523 476">• Critical (CR): This alarm is triggered when events cause a degradation in service.<li data-bbox="873 497 1523 892">• Major (MJ): This alarm is triggered on the following conditions:<ul data-bbox="922 577 1502 892" style="list-style-type: none"><li data-bbox="922 577 1502 638">• A hardware failure was detected on a card that will cause it to be taken off-line.<li data-bbox="922 669 1502 730">• One of the Power Filter Units has failed or was removed.<li data-bbox="922 762 1502 823">• One or more of the fans on either the upper or lower fan tray have failed.<li data-bbox="922 854 1502 892">• The upper or lower fan tray has been removed.<li data-bbox="873 924 1523 1024">• Minor (MN): This alarm is triggered when a high temperature is detected on a card causing the fan tray to switch to high speed. |

