



System Management Commands

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disable ports leds

To turn **off** the LEDs on all ports on a device, use the **disable ports leds** Global Configuration mode command.

To set the LEDs of all the ports on the device to their current operational status of the port, use the **no disable ports leds** command.

Syntax

disable **ports leds**

no disable **ports leds**

Parameters

This command has no arguments or keywords.

Default Configuration

The default is **no disable port leds**; that is the LEDs of all the ports reflect their current status.

Command Mode

Global Configuration mode

Examples

The following example turns off the port LEDs.

```
switchxxxxxx(config)# disable ports leds
```

dying-gasp enable

This command enables the dying gasp feature and selects the methods it uses to send the message and their priority. Using the no form of the command returns to the default configuration (disables the feature).

Syntax

dying-gasp enable *method1* [*method2...*]

no dying-gasp enable

Parameters

Method1 [*method2...*]: A list of the methods used to send dying gasp messages. The order of the methods indicates the priority between the methods. At least one method must be entered to enable the feature. A method not included in the list will not be used to send dying gasp messages.

The possible methods are: snmp-traps, syslog

Default Configuration

By default, dying gasp is disabled.

Command Mode

Global Configuration mode.

hostname

To specify or modify the device host name, use the **hostname** Global Configuration mode command. To remove the existing host name, use the **no** form of the command.

Syntax

hostname *name*

no hostname

Parameters

Name—Specifies the device host name. (Length: 1-58 characters). The hostname must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphens.

Default Configuration

No host name is defined.

Command Mode

Global Configuration mode

Example

The following example specifies the device host name as 'enterprise'.

```
switchxxxxxx(config)# hostname enterprise  
enterprise(config)#
```

reload

To reload the operating system at a user-specified time, use the **reload** Privileged EXEC mode command.

Syntax

reload [**in** [hhh:mm | mmm] | **at** hh:mm [day month]] | **cancel**]

Parameters

- **in** hhh:mm | mmm—(Optional) Schedules a reload of the software to take effect in the specified minutes or hours and minutes. The reload must take place within approximately 24 days.
- **at** hh:mm—(Optional) Schedules a reload of the software to take place at the specified time (using a 24-hour clock). If you specify the month and day, the reload is scheduled to take place at the specified time and date. If you do not specify the month and day, the reload takes place at the specified time on the current day (if the specified time is later than the current time) or on the next day (if the specified time is earlier than the current time). Specifying 00:00 schedules the reload for midnight. The reload must take place within 24 days.
- **day**—(Optional) Number of the day in the range from 1 to 31.
- **month**—(Optional) Month of the year.
- **cancel**—(Optional) Cancels a scheduled reload.

Default Usage

None

Command Mode

Privileged EXEC mode

User Guidelines

The **at** keyword can be used only if the system clock has been set on the device. To schedule reloads across several devices to occur simultaneously, synchronize the time on each device with SNTP.

When you specify the reload time using the **at** keyword, if you specify the month and day, the reload takes place at the specified time and date. If you do not specify the month and day, the reload takes place at the specified time on the current day (if the specified time is later than the current time), or on the next day (if the specified time is earlier than the current time). Specifying 00:00 schedules the reload for midnight. The reload must take place within 24 days.

To display information about a scheduled reload, use the **show reload** command.

Example 1: The following example reloads the operating system on all units of a stack system or on the single unit of a standalone system.

```
switchxxxxxx> reload
This command will reset the whole system and disconnect your current session. Do you want
to continue? (y/n) [Y]
```

Example 2: The following example reloads the operating system in 10 minutes on all on all units of a stack system or on the single unit of a standalone system.

```
switchxxxxxx> reload in 10
This command will reset the whole system and disconnect your current session. Reload is
scheduled for 11:57:08 UTC Fri Apr 21 2012 (in 10 minutes). Do you want to continue? (y/n)
[Y]
```

Example 3: The following example reloads the operating system at 13:00 on all units of a stack system or on the single unit of a standalone system.

```
switchxxxxxx> reload at 13:00
This command will reset the whole system and disconnect your current session. Reload is
scheduled for 13:00:00 UTC Fri Apr 21 2012 (in 1 hour and 3 minutes). Do you want to continue?
(y/n) [Y]
```

Example 4: The following example cancels a reload.

```
switchxxxxxx> reload cancel
Reload cancelled.
```

reload factory-default

Use the reload factory-default Privileged EXEC mode command to reload the stack or a specific unit in a stack and return the settings to factory default.

Syntax

reload factory-default [**unit** unit-id]

Parameters

- [**unit** unit-id]—(Optional) reset to factory default and reload only the specified unit. Other units in the stack will not reset or reload. If this parameter is not specified, then all the units in the stack will reset to factory default and reload.

Default Usage

By default, all the units in the stack are reset to factory default settings and then reload.

Command Mode

Privileged EXEC mode

User Guidelines

This command will reset to factory default settings all of the units in the stack. If the [unit unit-id] parameter is specified only the specified unit will be reset to factory defaults. The command has the same effect as pressing the device reset button to initiate a factory default reset and device reload. The stack settings, configuration files, syslog files and other configuration related files will be erased. Units that are reset to factory default will disconnect from the stack and stack topology will change. This may create a disconnection between units in the stack.

If the command specifies the Active Unit in the [unit unit-id] parameter, then the stack will continue to operate only if one of the remaining units is a Standby Unit.

Examples

Example 1: The following example resets to factory default and reloads all of the units in the stack.

```
switchxxxxx> reload factory-default
This command will reset to factory default and reload all of the units in the
stack. It is highly recommended to backup the stack configuration before
applying this command.
```

Example 2: The following example resets to factory default and reloads only unit number 3.

```
switchxxxxx> reload factory-default unit 3
This command will reset to factory default and reload the selected unit. The
unit will disconnect from the stack and will no longer be a member of the
stack. The disconnection of the unit will affect the stack topology and may
disconnect other units in the stack.
Do you want to continue? (y/n) [Y]
```


resume

To enable switching to another open Telnet session, use the **resume** EXEC mode command.

Syntax

```
resume [connection]
```

Parameters

connection—(Optional) Specifies the connection number. (Range: 1-4 connections.)

Default Configuration

The default connection number is that of the most recent connection.

Command Mode

Privileged EXEC mode

Example

The following command switches to open Telnet session number 1.

```
switchxxxxxx> resume 1
```

service cpu-utilization

To enable measuring CPU utilization, use the **service cpu-utilization** Global Configuration mode command. To restore the default configuration, use the **no** form of this command.

Syntax

service cpu-utilization

no service cpu-utilization

Parameters

This command has no arguments or keywords.

Default Configuration

Measuring CPU utilization is enabled.

Command Mode

Global Configuration mode

User Guidelines

Use the **service cpu utilization** command to measure information on CPU utilization.

Example

The following example enables measuring CPU utilization.

```
switchxxxxxx(config)# service cpu-utilization
```

show cpld version

To display the device CPLD code version, use the **show cpld version** User EXEC mode command.

Syntax

show cpld version [**unit** *unit-id*]

Parameters

unit [*unit-id*]
—Specifies the unit number (Range: 1 – 4). If not specified, the command will display CPLD code version for all units in stack.

Command Mode

User EXEC mode

Example 1 - The following example displays the CPLD version of all units in stack.

```
switchxxxxxxx> show cpld version
Unit ID      Unit Type      CPLD code Version
----      -
1           CBS350-48P-4X      1.0.1
2                CBS350-48P-4X      1.0.2
```

Example 2 - The following example displays the CPLD version where a unit in stack does not have a CPLD.

```
switchxxxxxxx> show cpld version
Unit ID      Unit Type      CPLD code Version
----      -
1           CBS350-48P-4X      Not Supported
2                CBS350-48P-4X      1.0.2
```

show cpu input rate

To display the rate of input frames to the CPU in packets per seconds (pps), use the **show cpu input rate** User EXEC mode command.

Syntax

```
show cpu input rate
```

Parameters

This command has no arguments or keywords.

Command Mode

User EXEC mode

Example

The following example displays CPU input rate information.

```
switchxxxxxx> show cpu input rate  
Input Rate to CPU is 1030 pps.
```

show cpu utilization

To display information about CPU utilization, use the **show cpu utilization** Privileged EXEC mode command.

Syntax

```
show cpu utilization
```

Parameters

This command has no arguments or keywords.

Default Usage

None

Command Mode

Privileged EXEC mode

User Guidelines

Use the **show cpu-utilization** command to enable measuring CPU utilization.

Example

The following example displays CPU utilization information.

```
switchxxxxxx> show cpu utilization
CPU utilization service is on.
CPU utilization
-----
five seconds: 5%; one minute: 3%; five minutes: 3%
```

show dying-gasp packets

To display information on the packets that will be sent out in case of a dying-gasp event, use the show dying-gasp packets command in Privileged EXEC mode.

Syntax

show dying-gasp packets

Command Mode

Privileged EXEC mode

User Guidelines

The command shows information on the packets that will be sent out if the switch loses power and sends out dying gasp packets.

Information will be provided for each SYSLOG server and SNMP trap receiver that will be sent dying gasp messages. This information includes:

The recipient IP address

The outbound interface

The local IP address

The local MAC address

The next hop IP and MAC addresses.

It is possible to use the syslog or snmp-trap keywords in the command in order to only see the packets of a single method.

Examples

Example: The following example shows the output of the command:

```
switchxxxxx# show dying-gasp packets
Syslog packet for server 8.1.154.22, link type IP
Via interface gigabitEthernet1/0/6, local IP address 8.1.154.98
Encap type is ARPA, local MAC address 00:50:43:8a:ce:19
Next hop IP address 8.1.154.192, next hop MAC address a2:43:41:44:8a:f2
SNMP trap packet for server 6.193.2.29, link type IP
Via interface gigabitEthernet1/0/3, local IP address 6.193.2.5
Encap type is ARPA, local MAC address 00:50:43:8a:ce:19
Next hop IP address 6.193.2.45, next hop MAC address 82:a3:9c:15:cb:3d
```

show dying-gasp status

This command shows the global configuration of the Dying Gasp feature.

Examples

This example shows how to configure the show-dying-gasp-status

```
Switch000000#show dying-gasp status
Dying Gasp Status: Enabled
Method 1: Syslog
Method 2: SNMP Traps
```

show environment

To display environment information, use the **show environment** User EXEC mode command.

Syntax

```
show environment {all | fan | temperature {status} | stack [switch-number]}
```

Parameters

- **all**—Displays the fan and temperature general status. If this parameter is used - a fault situation will be reported if it exists on any one of the stack units
- **fan**—Displays the fan(s) status
- **temperature {status}**—Displays the temperature status
- **stack [switch-number]**—(Optional) Displays detailed environment status of a stack, per each stack unit. If the switch-number is specified, the environment status of the selected device number is displayed. (Range: 1 – 4)

Command Mode

User EXEC mode

User Guidelines

The **fan** and **temperature status** parameters are available only on devices on which fan and/or temperature sensor are installed.

Fan status can be one of:

- **OK** - The fan/s functions correctly.
- **Failure** - One or more of the fans failed.
- **Fan read fail** - Reading information from one or more fans failed.
- **NA** - No fan is installed.

Temperature can be one of:

- **OK** - The temperature is below the warning threshold.
- **Warning**- The temperature is between the warning threshold and the critical threshold.
- **Critical** - the temperature is above the critical threshold.

Sensor status can be one of:

- **OK** - All Sensors on device are functioning properly.
- **Failure** - One or more of the sensors failed.
- **NA** - No sensor installed.

Example 1 - The following example displays the general environment status of a device or a stack.

```
switchxxxxxx> show environment all
```

Internal power supply Active.

```
fans OK
Sensor is OK
Temperature is OK
#EDITOR: The temperature status is OK if ALL the temperature sensors status in all the stack
members is OK, and if the temperature of all the stack members is below the lowest threshold
(this is calculated per stack member, if one or more of the stack members temperature is
above its specific threshold, the temperature status is FAILURE)
#EDITOR: Likewise the fan status will be OK - only if status of fans on ALL stack members
is OK (meaning no fan fail - or with redundant fan support - only 1 fan fail and redundant
fan active
```

Example 2 - The following example displays the power status of a device or a stack.

```
switchxxxxxx> show environment power
```

Internal power supply Active.

Example 3 - The following example displays the general fan status of a device or a stack.

```
switchxxxxxx> show environment fan
```

```
fans OK
#EDITOR: The fan status is OK if the fan sensors status in ALL the stack members is OK
```

Example 4 - The following example displays the temperature status of a device or a stack.

```
switchxxxxxx> show environment temperature status
```

```
TEMPERATURE level is Warning
```

Example 5 - The following example displays the detailed environment status of a stack.

```
switchxxxxxx> show environment stack
```

```
Unit          fan Status
---          -
1             OK
2             Failure
3             Read fan fail
4             NA
#EDITOR: * fan Direction column will be printed only in SKUs which support this feature,
or in a stack when one of the units might support this feature.
Unit          Sensor      Temperature
              Status      Level
---          -
1             OK          warning
2             Failure     NA
3             NA          NA
4             OK          OK
```

show inventory

To display product inventory list, use the **show inventory** User EXEC mode command.

Syntax

show inventory [*entity*]

Parameters

entity—Specifies the entity to be displayed. It can be a number (1 - 4) for a specific unit number in a stack, or an interface (Ethernet) name.

Command Mode

User EXEC mode

User Guidelines

Use the **show inventory** command to retrieve and display inventory information about the device, unit in stack, and connected entities such as SFPs.

In case no entity is specified the command will display information for all units in stack and all connected entities.

If the specified entity is an interface (Ethernet) name, and an SFP is not inserted into the port - Only the NAME & DESCR fields will be displayed, and DESCR will be “No SFP Inserted”.

Examples

Example 1 - The following example displays all the entities in a standalone system.

```
switchxxxxxx> show inventory
NAME: "1", DESCR: "48-Port Gigabit with 4-Port 10-Gigabit Managed Switch"
PID: xx350-4x-K9, VID: V01, SN: 123456789
```

Example 2 - The following example displays a specific entity in a standalone system.

```
switchxxxxxx> show inventory gigabitethernet1/0/49
NAME: "GigabitEthernet1/0/49", DESCR: "1000M base-LX Mini-GBIC SFP Transceiver"
PID: MGBLX1,VID: V01, SN: AGC1525UR7G
```

Example 3 - The following example displays information for specific entity - where VID information cannot be read from SFP.

```
switchxxxxxx> show inventory gil/0/1
NAME: "gil/0/1", DESCR: "SFP-1000Base-LX"
PID: SFP-1000-LX ,VID: Information Unavailable , SN: 613bbgr8
```

Example 4 - The following example displays information for specific interface - where SFP is not inserted into the interface.

```
switchxxxxxx> show inventory gil/0/2
NAME: "gil/0/2", DESCR: "SFP not inserted"
```

Example 5 - The following example displays all the entities in a stacking system with two units.

```
switchxxxxxx> show inventory
NAME: "2", DESCR: "48-Port Gigabit with 4-Port 10-Gigabit Managed Switch"
```

```
PID: xx350-4x-K9 , VID: V01, SN: 123456789  
NAME: "GigabitEthernet2/0/49", DESCR: "1000M base-LX Mini-GBIC SFP Transceiver"  
PID: MGBLX1, VID: V01, SN: AGC1525UR7G  
NAME: "4", DESCR: "48-Port Gigabit with 4-Port 10-Gigabit Managed Switch"  
PID: xx350-4x-K9 , VID: V01, SN: 123456789
```

Example 6- The following example displays information for unit 1 of the stack.

```
switchxxxxxx> show inventory 1  
NAME: "1" DESCR: "48-Port Gigabit with 4-Port 10-Gigabit Managed Switch"  
PID: xx350-4x-K9 VID: V02 SN: 402
```

show platform certificate

Use the show platform certificate Privileged EXEC mode command to display the Active unit SUDI certificate or AIK certificate and optionally a signature over the certificates.

Syntax

```
show platform {sudi | attestation} certificate [sign [nonce <nonce value>]]
```

Parameters

- **{sudi | attestation}** - display either SUDI or Attestation (AIK - Attestation Identity Key) certificate.
- **sign**—(Optional) display a signature over the certificate
- **[nonce <nonce value>]**—(Optional) provide a nonce to use with the signature to protect from replay attacks. (range 0-4,294,967,295)

Default Usage

The certificate is displayed without a signature. If the sign parameter is specified without a nonce value then the signature will be generated without using a nonce.

Command Mode

Privileged EXEC mode

User Guidelines

The show platform certificate command displays the device SUDI or AIK (Attestation Identity Key) certificate.

The command output includes the certificate chain in PEM format, where the first certificate that is displayed is the Cisco Root CA, and the second certificate that is displayed is the Cisco published on <https://www.cisco.com/security/pki/>. The third certificate is the SUDI or AIK leaf certificate.

If the optional sign parameter is used, then the command output will display a signature over the certificates using either the SUDI (if sudi keyword is used) or AIK (if attestation keyword is used) private key.

The command also supports an optional [nonce <nonce value>] parameter used as part of the signature inputs to prevent replay attacks. If the [nonce <nonce value>] parameter is not provided the signed data will not include the nonce.

The command output includes a signature version. Signature value of 1 indicates that the SUDI private key was used for signing, while a signature value of 2 indicates that the AIK private key was used for signing.

Examples

Example 1: The following example displays the SUDI certificate chain without a signature:

```
switchxxxxxx> show platform sudi certificate
-----BEGIN CERTIFICATE-----
MIIDITCCAqmgAwIBAgIJAzozWHjOFsHBMA0GCSqGSIb3DQEBCwUAMC0xDjAMBgNV
BAoTBUNpc2NvMRswGQYDVQQDExJDaXNjbyBSb290IENBIDIwOTkwIBcNMTYwODA5
MjA1ODI4WhgPMjA5OTA4MDkyMDU4MjhaMC0xDjAMBgNVBAoTBUNpc2NvMRswGQYD
VQQDExJDaXNjbyBSb290IENBIDIwOTkwggEiMA0GCSqGSIb3DQEBBQUAA4IBDwAw
```


show platform certificate

```

VZj078/yJRACGffz8dlaBnVp8LEMcBZTzs2tvP6gkjgptqC+FFV0+8lCdxzoeRx6
vaVgpd9CPbpfLRp4wewp/phXonRshNWXdVgk2lK/o3njguc/5jI5SPzejFMMJOF
ZgrExhmcKRDVap9fJi/JOizO+1Qwp9hPEthBELv9UksA4NKEdiwNjToHPB6GU7wU
XrSFE5Svf5YVAPxKl0Gkw5ulSTiWM7UsnS1RaXfBPqrsRlSlzIQqlr4B85EzTBuK
HvlCRCEPQZcg3CItn3b8UtPLLQ==
-----END CERTIFICATE-----
-----BEGIN CERTIFICATE-----
MIIEGTCCAwwGgAwIBAgIKANld5RVSDU2ozANBgkqhkiG9w0BAQsFADApMRcwFQYD
VQQDEw5BdHRlc3RhdGlvbiBDQTEOMAwGA1UEChMFQ2l2Y28wIBcNMjIwODAxMTAx
MDA4W4hgPMjA5OTA4MDkyMDU4MjZaMGIxKDAmBgNVBAUTH1BJRDRpDMTIwMC0xNlAt
MkcgU046RFRZMjYzMTAwMTUxUjAMBGNVBAoTBUNpc2NvMREwDwYDVQQLEWhUUE0g
U1VESTETMBEGA1UEAaXMKTElHSFRTQUJFUjCCASIwDQYJKoZIhvcNAQEBBQADggEP
ADCCAQoCggEBAJtUHXzPGFhZr1J251GUrGuL8Ek3axTdrurLqzNslvKx5YstP2VM
Q5qDua2ovRcESrSxTfNMwUDm9+FX8EipsxgIRX5+oZZ8ka8oNVEKyTPyB5up17Xi
9G15wvVBUHceVERCX33LqV2whiA2hMdsGdsSeG1JteQi3zjeokXeoJw9MDyJsmTp
CBQHCNGS+GgKXSqMt3k54K8S3RSi/P/R/oPKoA0z2ZUusu9/boHTAwX/ZGMJ8U48X
C93adaOeflJ0grt5scL073jZlSbI4NS2ind8DGS2f059pdKHZvCetNJMcGugnpx
S6jOkf4qiTVSpbuEos8VDMgubaWf7KUUSB8CAwEAAaOCAQYwggECMA4GA1UdDwEB
/wQEAWIF4DAMBGNVHRMBaf8EAjAAMB8GA1UdIwQYMBaAFAAeug/X2ec9kLIM5Kjt
x/MsROymMIGhBgNVHREEgZkwgZagUAYKKwYBBAEFQMEAgBCE0AARjk5QTA0OUM5
NTI4MUy1NUY4QTY4QTY4QTY4QTY4QTY4QTY4QTY4QTY4QTY4QTY4QTY4QTY4QTY4
NzM3QTE5oEIGCSsGAQQBRCUCA6A1EzNDaG1wSUQ9VXdJQ0FBQUFBQUFBQUFBQUFB
QUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFB
+2jcl19Vq6mIdMA0GCSqGSIb3DQEBCwUAA4IBAQB0U1fS7UQaHdkhB/X44U+fOt0U
1wW/L5yPuDc7zWGHcxFkdZBP+4e4M491dKI8B0ULdFhZThHnf/WeQ2c9TftPc0kI
f3gqo9ez7oBlM/2Y1luG0D3WigAyZjonqmW3/tikYiVKGs7eGGy1022S9y5jXxjz
qqtz5LU+S9d18NGtKD1rYhA12ZZ9ikUhBUPDpbG0JanGaYOLpwVl7wkynYnI5bhn
gjAylgV5RqBRN61uvDWTN02LvXCKYChSMJxH8VN8d75D68gg/XcL0zcTUVViENsi
grZkZxpqU3cRjqsUVBsPXSSKhgrYvV0wcZcMAU1Bg7e1M67bTzet+d1YvWH
-----END CERTIFICATE-----
Signature version: 2
Signature:
33bf4ff78bf66930494bc2376244e9b022931b7c0519a5d123e5571287a5b1ddcc4b90a80870d263
ec9f5a38b9f4c44973527b4ddcb6c8d515e64c9862362884671fff7e1e279fa6d1d8b3d81604930a
0a94b6ba8f6224ce6b60172b105ced211120528af39362269f0b4bbf7adcc9532e108b4035d2d139
62ffd5792ac1565f7e04932938b942e90ca9aefb8bf4a3cd0f804494486e1b579934aac8f42a57e9
40069463151d5e01c1d5e8b8e66b4f300c05e01aadcfaf3dc0588b6e699f1367af4fcfe19bc58a21
55d02592a7fbe158558937b9c642d90c39ce9f7a8f759cc8ec230443410dd668f3a9383bc89cc546
650902fbc637f921b4a3d17007ee98bb

```


show platform hardware integrity

Use the show platform hardware integrity Privileged EXEC mode command to display chip protection information, including the content of PCR-15 (PCR - Platform Configuration Register) of the Active unit, and optionally a signature over the PCR or the PCR Quote included in command output display.

Syntax

```
show platform hardware integrity [[attestation] [sign [nonce <nonce>]]]
```

Parameters

- **sign**—(Optional) display a signature over PCR-15 or PCR-15 Quote.
- **attestation** - (Optional) use the attestation (AIK) private key to sign the PCR-15 Quote. If the attestation is not specified then the SUDI private key is used to sign PCR-15.
- [**nonce** <nonce value>]—(Optional) provide a nonce to use with the signature to protect from replay attacks. (range 0-4,294,967,295)

Default Usage

PCR information is displayed without a signature. If the sign keyword is specified without a nonce value then the signature will be generated without using a nonce. If the attestation keyword is not specified then the SUDI private key will be used to sign the PCR.

Command Mode

Privileged EXEC mode

User Guidelines

The **show platform hardware integrity** command provides on demand chip protection attestation. The command displays the content of the Active unit PCR (Platform Configuration Register) 15. PCR-15 is the extension of the device unique chip IDs. If the **sign** keyword is used, then the command output will display a signature over PCR-15. If the **attestation** keyword is used then the command output will include also a PCR Quote and the signature will be over the quote.

The command also supports an optional [**nonce** <nonce value>] parameter used as part of the signature inputs to prevent replay attacks. If the [**nonce** <nonce value>] parameter is not provided the signed data will not include the nonce.

The command output includes a signature version. A signature value of 1 indicates that the SUDI private key was used for signing PCR-15. A signature value of 2 indicates that the attestation (AIK) private key was used for signing the PCR Quote.

Examples

Example 1: The following example displays the contents of PCR-15 without a signature:

```
switchxxxxxx> show platform hardware integrity
PCR15: b45f34da34c6b142569f2c4f36264f3d0dfadde33f7721ed4bfd7b329ec71e6c
```

Example 2: The following example displays PCR-15 with a signature over PCR-15 using the SUDI private key with no nonce:

```
switchxxxxx> show platform hardware integrity sign
PCR15: b45f34da34c6b142569f2c4f36264f3d0dfadde33f7721ed4bfd7b329ec71e6c
Signature Version: 1
Signature:
aba857b3c4a00191d6bc01617b5e73755810f0f4f67230e96de7a305f6882d94da9bdd2df3f12472
33f42fe0137b11971c128252e3a9813ec78d8640d87f284fc427db96b3412a07c24c78cda2242bd5
96c69ea06beb28feabfa014c48b96f420d65ffa725221319791e1f7c094acf743bbd48b7aafe088b
147894de42ca0e0634155432d8092b0ca82eb246ddb2de9a0bbd9a7914fdd7a1628dd5a29bbc4d02
9ddf846938e0b47f63bc488cf3dd2f439e684989ff39e834ac7534f5bc2187b293cfc5445af9a905
c8a3a5366fbc2cd74868912105ef4880a203772946ffae2de126cd769d111b362210bb9ce7a2af7b
f423360a90ac8dde4aacc2b47a7cc923
```

Example 3: The following example displays PCR-15, PCR-15 Quote and the signature over the quote using the attestation (AIK) key with a nonce of 613:

```
switchxxxxx> show platform hardware integrity sign attestation nonce 613
PCR15: b45f34da34c6b142569f2c4f36264f3d0dfadde33f7721ed4bfd7b329ec71e6c
Signature Version: 2
Quote:
ff54434780180022000b9f2c580f14cf6f157964c1dc9fb17f8a9504b50976a120fb870831db9242
e5ac00207e5fab8920a8bbcd214d7ade666c74fc07f2aa41298ac81177dc9ba7f5af978100000000
002be9b5000000240000000001000201100000000000000001000b030080000020f508f73aab654d
716ae4a511616843ca53bdef8bb7959a26226dd4d477e7170b
Signature:
36e4f4d5fecaa820cd9dfb879b170007e35eeb2edb1ddb9736580c3bd7aefc1312e6bb946573b8ef
45b9f97084b1648c704d4e54ff6aa854e2ebd4389c880b2c060be391e14d14a411cc675fe6cde688
cf3d688570eaf5bd08b69185f7dfcbb2a5329939096aa47b0bea5fc0f1907029789f67fbb187d88
2dc69bf24dda351fc55846be38d233d40a164f30a82482f72733c9c33dec06376527034ab19490b
fccbd8f4e108910fa0a923047f98e8c45ba9d9d8e28d134662c52d6ed5616d6fc33e40985b6c3921
644d3e53570c5bc17a7f4289cd46fb3f72a7e440720751889a2552395e9ef66ba9a6d8fe9b9a6aeb
a74e43129fa5447ad9b7158401cd9174
```

show platform integrity

Use the `show platform integrity` Privileged EXEC mode command to display Boot Integrity Visibility (BIV) information for the Active unit, and optionally a signature over the PCR or the PCR Quote included in command output display.

Syntax

```
show platform integrity [sign [attestation] [nonce <nonce>]]
```

Parameters

- **sign**—(Optional) display a signature over the PCRs displayed in the command output or over the PCR Quote displayed in the command output.
- **attestation**—(Optional) use the attestation (AIK) private key to sign the PCR Quote. If the **attestation** is not specified then the SUDI private key is used to sign the PCRs.
- [**nonce** <nonce value>]—(Optional) provide a nonce to use with the signature to protect from replay attacks. (range 0-4,294,967,295)

Default Usage

PCR information is displayed without a signature. If the `sign` keyword is specified without a nonce value then the signature will be generated without using a nonce. If the `attestation` keyword is not specified then the SUDI private key will be used to sign the PCRs.

Command Mode

Privileged EXEC mode

User Guidelines

The `show platform integrity` command provides on demand Boot Integrity Visibility (BIV) attestation. The command displays the boot-up measurements of the Active unit boot-loader image and OS image. The measurements are displayed as hash values. In addition, the command output displays the contents of PCR-0 and PCR-8. PCR-0 is the extension of the boot-loader image hash, and PCR-8 is the extension of the OS image hash. If the `sign` keyword is used, then the command output will display a signature over PCR-0 and PCR-8. If the `attestation` keyword is used then the command output will include also a PCR Quote and the signature will be over the quote.

The command also supports an optional [`nonce` <nonce value>] parameter used as part of the signature inputs to prevent replay attacks. If the [`nonce` <nonce value>] parameter is not provided the signed data will not include the nonce.

The command output includes a signature version. Signature value of 1 indicates that the SUDI private key was used for signing PCR-0 and PCR-8, while a signature value of 2 indicates that the attestation (AIK) private key was used for signing the PCR Quote.

Examples

Example 1: The following example displays the measurements of the images and the contents of PCR-0 and PCR-8 without a signature:

```
switchxxxxx> show platform integrity
Platform: C1300-48P-4X
Boot Loader Version: 1.0.74
Boot Loader Hash:
810ca3abed75aec7fe3aeb5baa452e7577d2cd15970dae948368f23ee17575b2ae47701e5
OS Version: 4.0.0.76
OS Hash: 26F68EE9341A4CBB552D1A3D9B02920DF126287F12EEEEADFC47BD0A8EE8B7D04
PCR0: ca153e2fddadb6af4b08721421c336d874f0a950c7f9699c1509a5fcb86017d6
PCR8: 9c26a9a7ca8033bb050df2b6974cbe0d3f17d65302feb637b40a37aff976e8b9
```

Example 2: The following example displays the measurements of the images and the contents of PCR-0 and PCR-8 with a signature over PCR-0 and PCR-8 using the SUDI private key and a nonce value of 248:

```
switchxxxxx> show platform integrity sign nonce 248
Platform: C1300-48P-4X
Boot Loader Version: 1.0.74
Boot Loader Hash:
810ca3abed75aec7fe3aeb5baa452e7577d2cd15970dae948368f23ee17575b2ae47701e5
OS Version: 4.0.0.76
OS Hash: 26F68EE9341A4CBB552D1A3D9B02920DF126287F12EEEEADFC47BD0A8EE8B7D04
PCR0: ca153e2fddadb6af4b08721421c336d874f0a950c7f9699c1509a5fcb86017d6
PCR8: 9c26a9a7ca8033bb050df2b6974cbe0d3f17d65302feb637b40a37aff976e8b9
Signature Version: 1
Signature:
74c2795731dad3fd9cb35310e3d3070dc666ec0ced60ad1b4586f08c18a7d6f5c82db6ac755794ca
810ca3abed75aec7fe3aeb5baa452e7577d2cd15970dae948368f23ee17575b2ae47701e5cac3d89
838696745bfbcb620a95523574c6cc6128fbfcbaf86df88d5f56bda32d9f82f3b10ca8d170eac17f0
526194afd80c7880f8074de85eb81777bc94a6ef748f04737bb1ed29debb2d1c0a71074e8e4513b6
ba9253460c205cdd641bfe7976d16d13857db0115a9efd427ce0ccd86c1832b6ad3408640fec4a6f
ca40baebca3a0e2ab395774223776ebec279e7ec7c759e949fee756f47cb6ca6c326edf68a35444
33f3ef8befcaac78b631188204191745
```

Example 3: The following example displays the measurements of the images, the contents of PCR-0 and PCR-8, a PCR Quote and a signature over the quote using the attestation (AIK) key and a nonce value of 365:

```
switchxxxxx> show platform integrity sign attestation nonce 365
Platform: C1300-48P-4X
Boot Loader Version: 1.0.74
Boot Loader Hash:
810ca3abed75aec7fe3aeb5baa452e7577d2cd15970dae948368f23ee17575b2ae47701e5
OS Version: 4.0.0.76
OS Hash: 26F68EE9341A4CBB552D1A3D9B02920DF126287F12EEEEADFC47BD0A8EE8B7D04
PCR0: ca153e2fddadb6af4b08721421c336d874f0a950c7f9699c1509a5fcb86017d6
PCR8: 9c26a9a7ca8033bb050df2b6974cbe0d3f17d65302feb637b40a37aff976e8b9
Signature Version: 2
Quote:
ff54434780180022000b9f2c580f14cf6f157964c1dc9fb17f8a9504b50976a120fb870831db9242
e5ac0008000000000000016d0000000002d085b00000024000000000100020110000000000000
01000b0301010000200bf8a79c7d864c5556976737edc9a8e870e767d371cf6239892401f76e377e
64
Signature:
14d9b51c83185e790d6485ca76d58bfaab925ba0bc1f1a5ea4590d244b5206c69f53c84d8fc6d715
3af67ab747c7aebd3ba81bf36fbb11e45097adbc6ec2d924496165505c52dc6a77c386156188e9e
0ce03d58cdeb1babe45141760a8b965440a82af1d3751e9f0b8e8570564c416a407fee901c175594
b7b2a556985c8df924b576f9d898e84db344af19aa724b20f5832d18c1ba2b0c501ef57670dfa643
31970179ea8415aaf2424abdf197386a8b6018c75f2346b930c982eba309aef350075812b894c2ac
36af9594d0d27b0c9aab0e6be17575ba1fc90d898cf70ed6e0a1ccdb15592b9ba8f08d6fb98f70a2
33905b820c64c08247e5ea2a81849b11
```

show reload

To display whether there is a pending reload for status of the device, use the **show reload** Privileged EXEC mode command.

Syntax

```
show reload
```

Parameters

This command has no arguments or keywords.

Command Mode

Privileged EXEC mode

User Guidelines

You can use this command to display a pending software reload. To cancel a pending reload, use this command with the **cancel** parameter.

Example

The following example displays that reboot is scheduled for 00:00 on Saturday, April-20.

```
switchxxxxxx> show reload  
Reload scheduled for 00:00:00 UTC Sat April 20 (in 3 hours and 12 minutes)
```

show sessions

To display open Telnet sessions, use the **show sessions** User EXEC mode command.

Syntax

show sessions

Parameters

This command has no arguments or keywords.

Default Usage

None

Command Mode

User EXEC mode

User Guidelines

The **show sessions** command displays Telnet sessions to remote hosts opened by the current Telnet session to the local device. It does not display Telnet sessions to remote hosts opened by other Telnet sessions to the local device.

Example

The following example displays open Telnet sessions.

switchxxxxxxx> show sessions				
Connection	Host	Address	Port	Byte
1	Remote router	172.16.1.1	23	89
2	172.16.1.2	172.16.1.2	23	8

The following table describes significant fields shown above.

Field	Description
Connection	The connection number.
Host	The remote host to which the device is connected through a Telnet session.
Address	The remote host IP address.
Port	The Telnet TCP port number.
Byte	The number of unread bytes for the user to see on the connection.

show software versions

To display system software version information use the following, **show software versions** Privileged EXEC mode command.

Syntax

show software versions [*unit unit-id*] [*detailed*]

Parameters

- **Detailed** - (optional) Display additional software version also related to BootRom booton, CPLD, PoE controller, OpenSSH and OpenSSL.

Defaults

Displays the following software version info - image, bootloader and kernel.

Command Mode

Privileged EXEC mode

User Guidelines

The **show software versions** command displays the version information of device image, BootRom, booton, bootloader and kernel as well as relevant software modules.

Examples

Example 1: The following example displays basic device software version information:

```
switchxxxxxxx# show software versions
```

Active-image version:	1.2.3.4
In-active-image version:	5.6.7.8 (active after reboot)
Kernel version:	Linux 3.10.70
Unit 1 Bootloader version:	U-Boot 2013.01 (Sep 02 2018 - 00:32:52)

Example 2: The following example displays detailed device software version information

```
switchxxxxxxx# show software versions detailed
```

Active-image version:	1.2.3.4
In-active-image version:	5.6.7.8 (active after reboot)
Kernel version:	Linux 3.10.70
OpenSSL version:	1.1.0b
OpenSSH version:	7.3p1

show software versions

BootRom version:	1.20
Booton version:	6.13
Bootloader version:	U-Boot 2013.01 (Sep 02 2018 - 00:32:52)
CPLD version:	9.29
PoE controller version:	21.190.18.3

show system

Use the **show system** User EXEC mode command to display system information.

Syntax

```
show system [unit unit-id]
```

Parameters

unit-id—Specifies the unit number. (Range: 1 – 4)

Command Mode

User EXEC mode

User Guidelines

Use the **show system** command to display system information.

The *System MAC address* output displays device base MAC address (not configurable by user).

The *System Object ID* output displays the unique System Object ID (not configurable by user).

The *fan* output displays, per each unit, the device fan(s) status summary. The value of fail indicates that one or more of the fans is not functioning properly. To view specific status per each fan in device use the command [show system fans](#), on page 40.

The *sensor* and *temperature* output displays, per each unit, the temperature level and general status of all sensors. The value of fail for sensors indicates one or more sensors are not functioning properly. To view per sensor status, temperature read and threshold levels, use command [show system sensors](#), on page 42.

Example 1: The following example displays system information of a stack .

```
switchxxxxx# show system
System Description:                C1300-48P-4X
System Up Time (days,hour:min:sec): 03,02:27:46
System Contact:
System Name:                       switch151400
System Location:
System MAC Address:                00:24:ab:15:14:00
System Object ID:                  1.3.6.1.4.1.9.6.1.1006.48.5
Unit      Type
-----
1          C1300-48P-4X
2          C1300-48P-4X
Unit Fans Status
-----
1          OK
2          fail
Unit      Sensor Status      Temperature Level
-----
1          OK                  Warning
2          Fail                 Warning
```

Example 2: The following examples displays system information for unit 2 in a stack.

```
switchxxxxx# show system unit 2
System Description:                xxxx
System Up Time (days,hour:min:sec): 08,23:03:46
```

show system

```
System Contact:
System Name:
System Location:
System MAC Address:          00:99:88:66:33:33
System Object ID:           1.3.6.1.4.1.674.10895.3031
Fans Status:                 OK
#Editor: For systems with no temperature sensors, the temperature in the following line
will be blank and the Status will be N/A
Unit   Sensor Status          Temperature Level
-----
2      Fail                   Critical
```

show system languages

To display the list of supported languages, use the **show system languages** User EXEC mode command.

Syntax

```
show system languages
```

Parameters

This command has no arguments or keywords.

Default Usage

None

Command Mode

User EXEC mode

Example

The following example displays the languages configured on the device. Number of Sections indicates the number of languages permitted on the device.

```
switchxxxxxxx> show system languages
Language Name      Unicode Name      Code
-----
      English           English          en-US
      Japanese         日本語          ja-JP
```

show system tcam utilization

To display the Ternary Content Addressable Memory (TCAM) utilization, use the **show system tcam utilization** EXEC mode command.

Syntax

show system tcam utilization*[unit unit-id]*

Parameters

unit-id—(Optional) Specifies the unit number. (Range: 1–8)

Default Usage

None

Command Mode

User EXEC mode

Example

The following example displays TCAM utilization information.

switchxxxxx> **show system tcam utilization**

System: 75%	
Unit	TCAM utilization [%]
----	-----
1	58
2	57

show services tcp-udp

To display information about the active TCP and UDP services, use the **show services tcp-udp** Privileged EXEC mode command.

Syntax

show services tcp-udp

Parameters

This command has no arguments or keywords.

Command Mode

Privileged EXEC mode

User Guidelines

The output does not show sessions where the device is a TCP/UDP client.

Examples

```
switchxxxxxx> show services tcp-udp
Type  Local IP Address      Remote IP address      Service Name      State
-----
TCP   All:22                SSH                    LISTEN
TCP   All:23                Telnet                LISTEN
TCP   All:80                HTTP                  LISTEN
TCP   All:443               HTTPS                  LISTEN
TCP   172.16.1.1:23        172.16.1.18:8789     Telnet            ESTABLISHED
TCP6  All-23                Telnet                LISTEN
TCP6  fe80::200:b0ff:fe00:0-23
      fe80::200:b0ff:fe00:0-8999
      Telnet
      ESTABLISHED
UDP   All:161               SNMP
UDP6 A 11-161            SNMP
```

show tech-support

To display system and configuration information that can be provided to the Technical Assistance Center when reporting a problem, use the **show tech-support** User EXEC mode command.

Syntax

```
show tech-support [config | memory ]
```

Parameters

- **memory**—(Optional) Displays memory and processor state data.
- **config**—(Optional) Displays switch configuration within the CLI commands supported on the device.

Default Configuration

By default, this command displays the output of technical-support-related show commands. Use keywords to specify the type of information to be displayed. If you do not specify any parameters, the system displays all configuration and memory data.

Command Types

Switch command.

Command Mode

User EXEC mode

User Guidelines

Caution: Avoid running multiple **show tech-support** commands on a switch or multiple switches on the network segment. Doing so may cause starvation of some time sensitive protocols, like STP.

The **show tech-support** command may time out if the configuration file output takes longer to display than the configured session time out time. If this happens, enter a **set logout timeout** value of **0** to disable automatic disconnection of idle sessions or enter a longer timeout value.

The **show tech-support** command output is continuous, meaning that it does not display one screen at a time. To interrupt the output, press Esc.

If the user specifies the **memory** keyword, the **show tech-support** command displays the following output:

- Flash info (dir if exists, or flash mapping)
- Output of command **show bootvar**
- Buffers info (like **print os buff**)
- Memory info (like **print os mem**)
- Proc info (like print OS tasks)
- Versions of software components

- Output of command **show cpu utilization**

show system fans

To view the status of the fans on the device, use the **show system fans** User EXEC mode command.

Syntax

show system fans [*unit-id*]

Parameters

unit-id—(Optional) Specifies the unit number to be reloaded. (Range: 1 – 4). If unspecified, displays information for all the units.

Command Mode

User EXEC mode

User Guidelines

Use the **show system fans** command to display detailed information per fan. The following information will be displayed:

- Per fan actual RPM.
- Per fan status - Possible values are: OK, fail; read fail; .

Examples

Display for units whose hardware supports variable fan speed.

```
switchxxxxxx> show system fans
```

Unit ID: 1		
Unit/fan ID =====	Fan Actual Speed (RPM) =====	Fan Status =====
1/1	6000	OK
1/2	NA	Fail
1/3	NA	Read fail
1/4	4000	OK

Unit ID: 2		
Unit/fan ID =====	Fan Actual Speed (RPM) =====	Fan Status =====
2/1	8000	OK

2/2	8000	OK
2/3	8000	OK

Unit ID: 3		
Unit/fan ID =====	Fan Actual Speed (RPM) =====	Fan Status =====
3/1	5000	OK
3/2	4500	OK
3/3	5000	OK

Display for devices that do not support display of fan speed:

```
switchxxxxxx> show system fans
```

Unit ID: 1	
Unit/fan ID =====	Fan Status =====
1/1	OK
1/2	Fail
1/3	Read fail
1/4	OK

Unit ID: 2	
Unit/fan ID =====	Fan Status =====
2/1	OK
2/2	OK
2/3	OK

Unit ID: 3	
Unit/fan ID =====	Fan Status =====
3/1	OK
3/2	OK
3/3	OK

show system sensors

To view the temperature sensor status, use the **show system sensors** User EXEC mode command.

Syntax

```
show system sensors
```

Parameters

This command has no arguments or keywords.

Default Usage

None

Command Mode

User EXEC mode

User Guidelines

Use the **show system sensors** command to display detailed sensor information , per each device sensor. Information is displayed per each unit in the stack.

The following information will be displayed:

- Sensor status.
- Sensor temperature reading
- Warning and Critical Alarm thresholds (temperature in Celsius)
- Location of specific sensor. Possible locations are: PP (Packet processor sensor); PCB (Sensor located on the Printed board circuit); PHY (PHY sensor); POE (Poe chip sensor).

Examples

Display for Stack systems with multiple sensor statuses

```
switchxxxxxx> show system sensors
```

Unit/ Sensor =====	Sensor status =====	Temperature (C) =====	Warning Alarm Temp (C) =====	Critical Alarm Temp (C) =====	Sensor Location =====
1/1	OK	44	50	65	PCB
1/2	Failure	NA	65	75	PP
2/1	OK	65	60	70	PHY

show system id

To display the system identity information, use the **show system id** User EXEC mode command.

Syntax

```
show system id [unit unit-id]
```

Parameters

unit *unit-id*—(Optional) Unit number or all. If unspecified, defaults to all. (Range: 1 – 4)

Command Mode

User EXEC mode

Example

The following example displays the system identity information.

```
switchxxxxxxx> show system id  
serial number 114
```

show ports leds configuration

To display whether the LEDs of the ports are enabled or disabled, use the **show port leds configuration** User EXEC mode command.

Syntax

show ports leds configuration

Parameters

This command has no arguments or keywords.

Command Mode

User EXEC mode

Example 1: The following example displays the status of the port's LEDs when they are turned on.

```
switchxxxxxx> show ports leds configuration
Port leds are not disabled
x
```

Example 2: The following example displays the status of the port LEDs when they are turned off.

```
switchxxxxxx> show port leds configuration
Port leds are disabled
```

show users

To display information about the active users, use the **show users** User EXEC mode command.

Syntax

show users

Parameters

This command has no arguments or keywords.

Default Usage

None

Command Mode

User EXEC mode

Example

The following example displays information about the active users.

```
switchxxxxxx> show users
```

Username	Protocol	Location
Bob	Serial	172.16.0.1
John	SSH	172.16.0.8
Robert	HTTP	172.16.1.7
Betty	Telnet	172.16.1.6
Sam		

show hardware version

To display hardware version information, use the **show hardware version** User EXEC mode command.

Syntax

show hardware version [**unit** *unit-id*]

Parameters

- *unit*—(Optional) Specifies the unit number. (Range: 1 – 4)

Default Usage

Show hardware version on all units if no unit is specified.

Command Mode

User EXEC mode

Example

The following example displays hardware version information.

```
switchxxxxxx> show hardware version
Unit   HW Version
----   -
1      1.0.0
2      1.0.0.
```

show hardware components

To display device hardware component information, use the **show hardware components** Privileged EXEC mode command.

Syntax

show hardware components

Parameters

This command has no arguments or keywords.

Command Mode

Privileged EXEC mode

User Guidelines

The **show hardware components** command displays information for device components such as packet processor(s), CPU, flash, PHYs and other hardware components.

The information displayed per each component depends on the information available for that component. Example for information that is displayed: vendor name, manufacturing part number (MPN), and HW revision.

Examples

Example 1: The following example displays information on device hardware components:

```
switchxxxxxx# show hardware components
```

MAC info:			
Unit ID/ MAC ID -----	Vendor -----	MPN ----	Revision -----
1	Marvell	98DX3236	A0
2	Marvell	98DX3336	A0

```
CPU info:
```

Unit ID -----	Vendor -----	MPN ----
1	Marvell	88F6820 (Armada ARMv7)
2	Marvell	MV78230

```
PHY info:
```

Unit ID/PHY ID -----	Vendor -----	MPN ----	Revision -----
1	Marvell	88E1680	A0

show hardware components

2	Marvell	88E3222	NS
2/1	Marvell	88E3680	A0

Flash info:		
Unit ID -----	Vendor -----	MPN ----
1	Micron	JS28F640J3D-75 (65536 Kbytes)
2	MXIC Macronix	MX30LF2G18AC-TI (65536 Kbytes)

system light

To light the networks port LEDs of a device, or of a specific unit in stack, use the **system light** EXEC mode command.

Syntax

```
system light [unit unit-id] [duration seconds]
```

```
system light stop
```

Parameters

- **unit-id**—Specify unit number or if left blank, all will light up.
- **duration seconds**—The number of seconds to light the LEDs. If unspecified, defaults to 60 seconds. (Range: 5–3600)
- **stop**—Stop lighting the LEDs.

Command Mode

User EXEC mode

Example

The following example lights the system LED for 6 seconds.

```
switchxxxxxx> system light duration 65
```

system recovery

To set the system to automatically recover from temperature that reached the critical threshold, use the **system recovery** Global Configuration mode command.

To return to disable automatic recovery, use the **no** form of the command.

Syntax

system recovery

no system recovery

Parameters

This command has no arguments or keywords.

Default Configuration

System recovery is enabled by default.

Command Mode

Global Configuration mode

Example

```
switchxxxxxx(config)# no system recovery
```

system reset-button disable

Use the system reset-button disable Global Configuration mode command to disable the reset functionality of the device reset button. To re-enable the reset button functionality use the no form of the command.

Syntax

system reset-button disable

no system reset-button disable

Parameters

This command has no arguments or keywords.

Default Configuration

By default the device reset button functionality is enabled.

Command Mode

Global Configuration mode

User Guidelines

Use the system reset-button disable command to disable the reset functionality of the device reset button. When this command is applied the device will not reload or reset to factory default even if the reset button is pressed. This is useful to prevent unwanted device reload or setting to factory defaults due to accidental pressing of the button. The command disables the functionality of the reset button on all of the units in a stack.

If the reset button has other functionalities, besides reload and reset to factory default, they will not be effected by this setting.

Use the no form of command to re-activate the reset button and allow device reload and reset to factory default by pressing the button.

Examples

```
switchxxxxxx(config)# system reset-button disable
```

system reset-button disable