



## B Commands

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## bandwidth (if\_manager)

**bandwidth** {*bandwidth\_val*|**inherit** [*inherit\_val*]}|**no bandwidth** {[*bandwidth\_val*]|**inherit** [*inherit\_val*]}

### Syntax Description

**no** Negate a command or set its defaults

**bandwidth** Set bandwidth informational parameter

*bandwidth\_val* Type: integer

min: 1 max: 800000000

Bandwidth in kilobits

**inherit** Specify that bandwidth is inherited

*inherit\_val* Type: integer

min: 1 max: 800000000

Bandwidth in kilobits

*inherit\_val* Type: integer

min: 1 max: 80000000

Bandwidth in kilobits

### Command Modes

- /exec/configure/if-eth-port-channel
- /exec/configure/if-port-channel-range
- /exec/configure/if-port-channel-sub
- /exec/configure/if-eth-port-channel-switch
- /exec/configure/if-eth-port-channel-p2p
- /exec/configure/if-eth-port-channel
- /exec/configure/if-port-channel-range
- /exec/configure/if-port-channel-sub
- /exec/configure/if-eth-port-channel-switch
- /exec/configure/if-eth-port-channel-p2p

## bandwidth (if\_manager)

**bandwidth** {*bandwidth\_val*|**inherit** [*inherit\_val*]}|**no bandwidth** {[*bandwidth\_val*]|**inherit** [*inherit\_val*]}

### Syntax Description

**no** Negate a command or set its defaults

**bandwidth** Set bandwidth informational parameter

*bandwidth\_val* Type: integer

min: 1 max: 100000000

Bandwidth in kilobits

**inherit** Specify that bandwidth is inherited

*inherit\_val* Type: integer

min: 1 max: 100000000

Bandwidth in kilobits

### Command Modes

- /exec/configure/if-ethernet-all
- /exec/configure/if-eth-non-member
- /exec/configure/if-ether-sub
- /exec/configure/if-gig-ether-sub
- /exec/configure/if-remote-ethernet-sub
- /exec/configure/if-ether-sub-p2p

## bandwidth (qosmgr)

**[no] bandwidth** {{**xxx** *bw-value* [{**bps|kpbs|mbps|gbps**}]|**percent** *percentage*}|**remaining** **percent** *rem-perc*}

Syntax Description	
<b>no</b>	Negate a command or set its defaults
<b>bandwidth</b>	Specify bandwidth for the class
<b>xxx</b>	<i>xxx</i> <i>Not available in this release.</i>
<i>bw-value</i>	Type: long Value in bps/kbps/mbps/gbps
<b>bps</b>	Bits per second
<b>kpbs</b>	Kilo bits per second
<b>mbps</b>	Mega bits per second
<b>gbps</b>	Giga bits per second
<b>percent</b>	Percentage of available bandwidth
<i>percentage</i>	Type: uinteger min: 0 max: 100 Value in percentage
<b>remaining</b>	% of remaining bandwidth
<i>rem-perc</i>	Type: uinteger min: 0 max: 100 Value in percentage
<b>Command Modes</b>	<ul style="list-style-type: none"> <li>• /exec/configure/policy-map/type/queuing/class</li> </ul>

## bandwidth (svi)

**bandwidth** *bandwidth\_val***no bandwidth**

---

### Syntax Description

**no** Negate a command or set its defaults

**bandwidth** Set bandwidth informational parameter

*bandwidth\_val* Type: uinteger

min: 1 max: 400000000

Bandwidth in kilobits

---

### Command Modes

- /exec/configure/if-vlan-common

## bandwidth (tm)

**bandwidth** *bandwidth\_val*|**no bandwidth**

Syntax Description	
<b>no</b>	Negate a command or set its defaults
<b>bandwidth</b>	Set bandwidth informational parameter
<i>bandwidth_val</i>	Type: uinteger min: 1 max: 10000000 Bandwidth in kilobits
Command Modes	<ul style="list-style-type: none"> <li>• /exec/configure/if-any-tunnel</li> </ul>

# banner motd

**banner motd** *line*|**no banner motd**

---

**Syntax Description**

**no** Negate a command or set its defaults

**banner** Configure banner message

**motd** Configure banner motd message

*line* Type: remainder

Delimiter char (Very first char is delimiter char) followed by message ending with delimiter

---

**Command Modes**

- /exec/configure



# bcm-shell module (syscli)

**bcm-shell** **module** *module*

---

**Syntax Description**

---

**bcm-shell** bcm shell/cmd

---

**module** Module number of the linecard

---

*module* Type: integer

Enter module number

---

---

**Command Modes**

- /exec

# bcm-shell module (syscli)

**bcm-shell** **module** *module* *quoted-cmd*

---

**Syntax Description**

---

**bcm-shell** bcm shell/cmd

---

**module** Module number of the linecard

---

*module* Type: integer

Enter module number

---

*quoted-cmd* Type: string

the command to run on bcm-shell

---

**Command Modes**

- /exec

# beacon

[no] beacon

---

**Syntax Description**

**no** Negate a command or set its defaults

**beacon** Disable/enable the beacon for an interface

---

---

**Command Modes**

- /exec/configure/if-ethernet-all
- /exec/configure/if-eth-base

# bestpath

[no] bestpath {always-compare-med|med  
{missing-as-worst|non-deterministic|confed}|compare-routerid|cost-community ignore|as-path  
multipath-relax|multipath compare-neighborid}

## Syntax Description

<b>no</b>	Negate a command or set its defaults
<b>bestpath</b>	Change default bestpath selection algorithm
<b>always-compare-med</b>	Compare MED on paths from different AS
<b>med</b>	MED
<b>missing-as-worst</b>	Treat missing MED as highest MED
<b>non-deterministic</b>	Not always pick the best-MED path among paths from same AS
<b>compare-routerid</b>	Compare router-id for identical EBGp paths
<b>cost-community</b>	cost community
<b>ignore</b>	Ignore cost communities in bestpath selection
<b>confed</b>	Compare MED only from paths originated from within a confederation
<b>as-path</b>	AS-Path
<b>multipath-relax</b>	Relax AS-Path restriction when choosing multipaths
<b>multipath</b>	Influence multipath selection algorithm
<b>compare-neighborid</b>	When more paths available than max path config, use neighborid tibreaker

## Command Modes

- /exec/configure/router-bgp/vrf-cmds

## **bfd-app session auto-expiry**

**bfd-app session auto-expiry** {**timeout** *millis*|**now**}

---

**Syntax Description**

---

<b>bfd-app</b>	BFD application commands
<b>auto-expiry</b>	auto expiry start/end
<b>session</b>	session operation
<b>timeout</b>	timeout after
<b>now</b>	expiry reached, dont wait to timeout, do them now
<i>millis</i>	Type: integer milli-secs later

---

---

**Command Modes**

- /exec/configure

## bfd-app session remove

**bfd-app session remove** {**all**|**intf** *intf\_id*|**iod** *iod\_id*}

### Syntax Description

**bfd-app** BFD application commands

**session** session operation

**remove** Remove sessions

**all** Remove all sessions

**intf** Remove all sessions on interface

*intf\_id* Type: interface

Interface Id

**iod** interface iod

*iod\_id* Type: hex

Interface iod in hex

### Command Modes

- /exec/configure

## bfd-app session src-ip

**[no] bfd-app session src-ip** {*src\_ip* **dest-ip** *dest\_ip|src\_ipv6* **dest-ip** *dest\_ipv6*} {**intf** *intf\_id|iod* *iod\_id*}

Syntax	Description
<b>no</b>	Negate a command or set its defaults
<b>bfd-app</b>	BFD application commands
<b>session</b>	session operation
<b>src-ip</b>	Source ip
<i>src_ip</i>	Type: ipaddr Source ip value
<i>src_ipv6</i>	Type: ipv6addr Source ipv6 value
<b>dest-ip</b>	Destination ip
<i>dest_ip</i>	Type: ipaddr Destination ip value
<i>dest_ipv6</i>	Type: ipv6addr Destination ipv6 value
<b>iod</b>	interface iod
<i>iod_id</i>	Type: hex Interface iod in hex
<b>intf</b>	interface
<i>intf_id</i>	Type: interface Interface Id
<b>Command Modes</b>	• /exec/configure

## bfd (bgp\_bfd)

[**{no|default}**] **bfd**

<b>Syntax Description</b>	<b>no</b> Negate a command or set its defaults
	<b>default</b> Inherit values from a peer template
	<b>bfd</b> Bidirectional Fast Detection for the neighbor
<b>Command Modes</b>	• /exec/configure/router-bgp/router-bgp-neighbor-sess



## bfd (eigrp\_bfd)

[no] bfd

---

**Syntax Description**

**no** Negate a command or set its defaults

**bfd** Enable BFD on all EIGRP interfaces

---

---

**Command Modes**

- /exec/configure/router-eigrp
- /exec/configure/router-eigrp/router-eigrp-vrf
- /exec/configure/router-eigrp/router-eigrp-af-ipv4

## bfd (isis\_bfd)

[no] bfd

---

**Syntax Description**

**no** Negate a command or set its defaults

**bfd** Enable IPv4 BFD on all ISIS interfaces

---

---

**Command Modes**

- /exec/configure/router-isis/router-isis-vrf-common
- /exec/configure/router-isis/router-isis-af-ipv4

## bfd (ospf\_bfd)

[no] bfd

---

**Syntax Description**

**no** Negate a command or set its defaults

---

**bfd** Enable BFD on all OSPF interfaces

---

---

**Command Modes**

- /exec/configure/router-ospf
- /exec/configure/router-ospf/vrf

## bfd authentication key-id

**[no] bfd authentication** *auth\_name* **key-id** *key\_id\_val* {**key** *key\_val*|**hex-key** *h\_key\_val*}|**no bfd authentication**

Syntax Description		
<b>no</b>		Negate a command or set its defaults
<b>bfd</b>		BFD commands
<b>authentication</b>		Configure BFD authentication parameters
<i>auth_name</i>	auth algorithm	
	<b>Keyed-SHA1 value: 20</b>	Keyed-SHA1
<b>key-id</b>		Key ID to use in BFD frames
<i>key_id_val</i>	Type: integer	
	min: 1 max: 255	
		Key ID value
<b>key</b>		ASCII SHA1 secret
<b>hex-key</b>		HEX binary SHA1 secret
<i>key_val</i>	Type: string	
	length: 20	
		SHA1 secret value
<i>h_key_val</i>	Type: string	
	length: 40	
		SHA1 secret value. e.g ABCD123

### Command Modes

- /exec/configure/if-ma
- /exec/configure/if-vlan-common
- /exec/configure/if-ma-p2p

# bfd echo

[no] **bfd echo**

---

<b>Syntax Description</b>	<b>no</b> Negate a command or set its defaults
---------------------------	--

---

<b>bfd</b> BFD commands
-------------------------

---

<b>echo</b> Configure Echo function for sessions
--

---

---

**Command Modes**

- /exec/configure/if-ma
- /exec/configure/if-vlan-common
- /exec/configure/if-ma-p2p

## bfd echo-interface

[no] **bfd echo-interface** *ifindex*

---

**Syntax Description**

---

<b>no</b>	Negate a command or set its defaults
<b>bfd</b>	BFD commands
<b>echo-interface</b>	Configure interface used for bfd echo frames
<i>ifindex</i>	Type: interface loopback interface

---

---

**Command Modes**

- /exec/configure

## bfd interval min\_rx multiplier

[no] **bfd interval** *min\_tx\_mills* **min\_rx** *min\_rx\_mills* **multiplier** *int\_mult*

Syntax	Description
<b>no</b>	Negate a command or set its defaults
<b>bfd</b>	BFD commands
<b>interval</b>	Configure BFD session interval parameters
<i>min_tx_mills</i>	Type: integer min: 50 max: 999 TX interval in milliseconds
<b>min_rx</b>	Minimum RX interval
<i>min_rx_mills</i>	Type: integer min: 50 max: 999 RX interval in milliseconds
<b>multiplier</b>	Configure detect multiplier for bfd sessions
<i>int_mult</i>	Type: integer min: 1 max: 50 Detect Multiplier

Command Modes	
	<ul style="list-style-type: none"> <li>• /exec/configure</li> <li>• /exec/configure/if-ma</li> <li>• /exec/configure/if-ma-p2p</li> </ul>

# bfd ipv4

[no] **bfd ipv4**

---

**Syntax Description**

---

**no** Negate a command or set its defaults

---

**bfd** BFD commands

---

**ipv4** Enable/Disable IPv4 sessions

---

---

**Command Modes**

- /exec/configure/if-ma
- /exec/configure/if-vlan-common
- /exec/configure/if-ma-p2p



# bfd move-session target

**bfd move-session target** *target\_mod*

Syntax Description	
<b>bfd</b>	BFD commands
<b>move-session</b>	move a session
<b>target</b>	Target module
<i>target_mod</i>	Type: integer min: 1 max: 18 Module number

  

Command Modes	
	<ul style="list-style-type: none"><li>• /exec/configure/if-ma</li><li>• /exec/configure/if-ma-p2p</li></ul>

## bfd neighbor src-ip

[no] **bfd neighbor src-ip** {*src\_ip* **dest-ip** *dest\_ip*|*src\_ipv6* **dest-ip** *dest\_ipv6*}

### Syntax Description

<b>no</b>	Negate a command or set its defaults
<b>bfd</b>	BFD commands
<b>neighbor</b>	BFD neighbor configuration commands (simulate client)
<b>src-ip</b>	Source ip
<i>src_ip</i>	Type: ipaddr Source ip value
<i>src_ipv6</i>	Type: ipv6addr Source ipv6 value
<b>dest-ip</b>	Destination ip
<i>dest_ip</i>	Type: ipaddr Destination ip value
<i>dest_ipv6</i>	Type: ipv6addr Destination ipv6 value

### Command Modes

- /exec/configure/if-ma
- /exec/configure/if-ma-p2p

# bfd optimize subinterface

[no] bfd optimize subinterface

<b>Syntax Description</b>	<b>no</b>	Negate a command or set its defaults
	<b>bfd</b>	BFD commands
	<b>optimize</b>	optimize
	<b>subinterface</b>	optimize subinterfaces

<b>Command Modes</b>	<ul style="list-style-type: none"><li>• /exec/configure/if-eth-port-channel</li><li>• /exec/configure/if-ethernet</li><li>• /exec/configure/if-ether-p2p</li><li>• /exec/configure/if-eth-port-channel-p2p</li></ul>
----------------------	--

# bfd per-link

[no] **bfd per-link**

<b>Syntax Description</b>	<b>no</b>	Negate a command or set its defaults
	<b>bfd</b>	BFD commands
	<b>per-link</b>	Run BFD sessions on each port-channel link

<b>Command Modes</b>	<ul style="list-style-type: none"><li>• /exec/configure/if-eth-port-channel</li><li>• /exec/configure/if-port-channel-sub</li><li>• /exec/configure/if-eth-port-channel-p2p;</li></ul>
----------------------	--

# bfd session-store remove client

`bfd session-store remove hex_disc client int_cl`

<b>Syntax Description</b>	<b>bfd</b>	BFD commands
	<b>session-store</b>	session store operation
	<b>remove</b>	Remove session from session store
	<i>hex_disc</i>	Type: hex Session discriminator
	<b>client</b>	Client Id
	<i>int_cl</i>	Type: integer client

**Command Modes**      • /exec/configure

## bfd session-store source-ip dest-ip intf client

**bfd session-store source-ip** *src\_ip* **dest-ip** *dest\_ip* **intf** *intf\_id* **client** *int\_cl*

### Syntax Description

<b>bfd</b>	BFD commands
<b>session-store</b>	Session store operation
<b>source-ip</b>	source ip
<i>src_ip</i>	Type: ipaddr source ip value
<b>dest-ip</b>	dest ip
<i>dest_ip</i>	Type: ipaddr source ip value
<b>intf</b>	interface
<i>intf_id</i>	Type: interface Interface Id
<b>client</b>	Client Id
<i>int_cl</i>	Type: integer client

### Command Modes

- /exec/configure

## bfd session state state

**bfd session state** *hex\_disc* **state** *state\_up\_down*

Syntax Description		
<b>bfd</b>		BFD commands
<b>session</b>		session related test
<b>state</b>		Change session state
<i>hex_disc</i>	Type: hex	Session discriminator
<b>state</b>		Change to state
<i>state_up_down</i>	UP/DOWN	
	<b>up value: 4</b>	session up
	<b>down value: 3</b>	session down

**Command Modes** • /exec/configure

## bfd slow-timer

[no] **bfd slow-timer** *int\_slow\_timer*

Syntax Description		
<b>no</b>		Negate a command or set its defaults
<b>bfd</b>		BFD commands
<b>slow-timer</b>		Configure slow mode timer for sessions
<i>int_slow_timer</i>	Type: integer	
	min: 1000 max: 30000	
		Slow rate timer in milliseconds
Command Modes	• /exec/configure	



# blink

**[no] blink** {**module** *module*|*s0* *santa-cruz-range*|**chassis**|**powersupply** *psnum*|**fan** *fan\_num*}

Syntax	Description
<b>no</b>	Negate a command or set its defaults
<b>blink</b>	blink locator led
<b>module</b>	blink module led
<i>module</i>	Type: integer please enter the module number
<i>s0</i>	Type: xbar-str blink a specific xbar
<i>santa-cruz-range</i>	Type: integer please enter the xbar number
<b>chassis</b>	blink chassis led
<b>powersupply</b>	blink powersupply led
<i>psnum</i>	Type: uinteger min: 1 max: 10 powersupply number
<b>fan</b>	blink Fan led
<i>fan_num</i>	Type: uinteger min: 1 max: 12 fan number

**Command Modes** • /exec

# bloggerd delete

**bloggerd delete** {all-temporary-binary-log-dumps|all-temporary-binary-show-tech-files}

## Syntax Description

<b>bloggerd</b>	Blogger commands
<b>delete</b>	Delete all logs of one type
<b>all-temporary-binary-log-dumps</b>	Delete all binary log dumps from the local partition (/var/sysmgr/tmp/)
<b>all-temporary-binary-show-tech-files</b>	Delete all binary show tech files

## Command Modes

- /exec

# bloggerd live-process-core process pid

**bloggerd live-process-core process** *process-name* **pid** *process-pid*

Syntax Description	
<b>bloggerd</b>	Blogger commands
<b>live-process-core</b>	Request a process core dump without killing it
<b>process</b>	Linux Process name
<i>process-name</i>	Type: string Enter the Linux name of the process for which core is being requested (Eg: sysmgr)
<b>pid</b>	Process PID
<i>process-pid</i>	Type: integer Enter the linux PID of the process for which core is being requested (Eg: 4571)
<b>Command Modes</b>	<ul style="list-style-type: none"><li>• /exec</li></ul>

# bloggerd live-process-core sap

**bloggerd live-process-core sap** *sap*

---

**Syntax Description**

---

<b>bloggerd</b>	Blogger commands
<b>live-process-core</b>	Dump the core of the live-process
<b>sap</b>	Dump core for a particular SAP
<i>sap</i>	Type: integer min: 0 max: 65536 Enter a valid SAP. Enter 0 for ALL SAPs in this VDC

---

---

**Command Modes**

- /exec

# bloggerd log-dump

```
[no] bloggerd log-dump {all[[module module] sap sap_num [{vdc new_id|vdc-all}]]}
```

## Syntax Description

<b>no</b>	Negate a command or set its defaults
<b>bloggerd</b>	Blogger commands
<b>log-dump</b>	Dump Log Buffer
<b>all</b>	Log Dump for ALL services across ALL modules in the switch on reaching threshold
<b>module</b>	Enable Buffer Dump for particular Module
<i>module</i>	Type: integer Enter a valid Module Number
<b>sap</b>	Enable Buffer Dump for a particular sap
<i>sap_num</i>	Type: integer min: 0 max: 65536 Enter a valid SAP. Enter 0 for ALL SAPs in this VDC
<b>vdc</b>	Enable Log Dump for a particular VDC. DEFAULT_VDC by default
<i>new_id</i>	Type: integer Enter a valid VDC ID
<b>vdc-all</b>	Enable Log Dump for the sap on ALL VDCs

## Command Modes

- /exec/configure

# bloggerd log-dump once log-buffer sap event-history

**bloggerd log-dump once log-buffer sap** *sap* event-history {errors|msgs|app-specific *uuid* instance *buffer-instance*}

Syntax Description		
<b>bloggerd</b>		Blogger commands
<b>log-dump</b>		Dump Log Buffer
<b>once</b>		Dump Log Buffer once immediately
<b>log-buffer</b>		Dump Log buffer
<b>sap</b>		Enable Buffer Dump for a particular sap
<i>sap</i>	Type: integer	min: 0 max: 65536 Enter a valid SAP. Enter 0 for ALL SAPs in this VDC
<b>event-history</b>		Event-History Buffers
<b>errors</b>		event-history errors
<b>msgs</b>		event-history messages
<b>app-specific</b>		application specific event history
<i>uuid</i>	Type: integer	Enter valid app's UUID
<b>instance</b>		Buffer Instance of the App-Specific SDWrap buffer
<i>buffer-instance</i>	Type: integer	Enter a valid SDWrap buffer instance for the app

## Command Modes

- /exec

# bloggerd log-dump once pss uuid

**bloggerd log-dump once pss uuid *uuid***

<b>Syntax Description</b>	<b>bloggerd</b> Blogger commands
	<b>log-dump</b> Dump Log Buffer
	<b>once</b> Dump Log Buffer once immediately
	<b>pss</b> Dump PSS
	<b>uuid</b> Dump PSS for a particular UUID
	<i>uuid</i> Type: integer min: 0 max: 65536 Enter a app's UUID

**Command Modes** • /exec

# bloggerd log-throttle

[no] **bloggerd log-throttle** [**min-rollover** *min-rollover* **max-rollover-per-minute** *max-rollover-per-minute*]

Syntax Description		
<b>no</b>		Negate a command or set its defaults
<b>bloggerd</b>		Blogger commands
<b>log-throttle</b>		Enable Log Dump Throttling for all NxOS services
<b>min-rollover</b>		Number of minimum buffer rollovers before starting to throttle. Default: 5
<i>min-rollover</i>		Type: integer min: 1 max: 1000 Enter the minimum number of roll-overs before throttling log-dump. Default: 5
<b>max-rollover-per-minute</b>		Maximum allowed buffer rollovers per minute. Default: 1
<i>max-rollover-per-minute</i>		Type: integer min: 1 max: 100 Enter the maximum allowed roll-overs per minute before throttling. Default: 1
<b>Command Modes</b>		• /exec/configure



# bloggerd log-transfer

```
bloggerd log-transfer {ip-addr path|logflash}
```

---

**Syntax Description**

---

**bloggerd** Blogger commands

---

**log-transfer** Configure log transfer

---

*ip-addr* Type: ipaddr  
IP addr of logging server

---

*path* Type: string  
Path in tftp server to store logs. Eg: logOutput

---

**logflash** Move all log-files to logflash

---

**Command Modes**

- /exec/configure

# bloggerd mleak-check directory1 directory2

**bloggerd mleak-check directory1 *uri0* directory2 *uri1***

## Syntax Description

**bloggerd** Blogger commands

**mleak-check** Leak check

**directory1** Enter path of directory

*uri0* Type: string  
Linux path to file/directory (Eg: /bootflash/abc)

**directory2** Enter path of directory

*uri1* Type: string  
Linux path to file/directory (Eg: /bootflash/abc)

## Command Modes

- /exec

# bloggerd leak-dump all

**bloggerd leak-dump all**

Syntax Description	
<b>bloggerd</b>	Blogger commands
<b>mleak-dump</b>	Leak dump
<b>all</b>	All apps on all modules

  

<b>Command Modes</b>	<ul style="list-style-type: none"><li>• /exec</li></ul>
----------------------	---

# bloggerd parse log-buffer

```
bloggerd parse log-buffer {file|directory} uri0
```

---

## Syntax Description

---

**bloggerd** Blogger commands

---

**parse** Parse a file

---

**log-buffer** Parse buffer log file

---

**directory** Enter path of directory

---

**file** Enter file name. Please unzip file before parsing!

---

*uri0* Type: string

Linux path to file/directory (Eg: /bootflash/abc)

---

---

## Command Modes

- /exec

# bloggerd parse log-buffer file sap

**bloggerd parse log-buffer file** *uri0 sap sap-num*

## Syntax Description

**bloggerd** Blogger commands

**parse** Parse a file

**log-buffer** Parse buffer log file

**file** Enter file name. Please unzip file before parsing!

*uri0* Type: string

Linux path to file (Eg: /bootflash/abc)

**sap** SAP of the application which should parse the file

*sap-num* Type: integer

min: 0 max: 65536

Enter a valid SAP. Enter 0 for ALL SAPs in this VDC

## Command Modes

• /exec

# bloggerd parse pss file

```
bloggerd parse pss file uri0
```

---

**Syntax Description**

---

**bloggerd** Blogger commands

---

**parse** Parse a file

---

**pss** Parse a dumped PSS File

---

**file** Enter file name (without pss extensions). Please unzip file before parsing!

---

***uri0*** Type: string

---

Linux path to file/directory (Eg: /bootflash/abc)

---

---

**Command Modes**

• /exec

# boot

**boot** *s0 uri0* [**module** [*module*]]|**no boot** *s0* [*uri0* [**module** [*module*]]]

---

## Syntax Description

<b>no</b>	Negate a command or set its defaults
<b>boot</b>	Configure boot variables
<i>s0</i>	Type: bootvar use [show boot variables] for list of keywords
<i>uri0</i>	Type: uri Enter module image uri
<b>module</b>	Enter module number for the image
<i>module</i>	Type: integer Enter module number

---

## Command Modes

- /exec/configure

# boot-install nxos

**boot-install nxos** *uri0* | **no boot-install nxos** [*uri0*]

---

**Syntax Description**

---

**no** Negate a command or set its defaults

---

**boot-install** Configure boot variables

---

**nxos** Configure NXOS image

---

*uri0* Type: uri

---

Enter NXOS image uri

---

---

**Command Modes**

- /exec/configure



# boot-order

**boot-order** *new\_id*

---

**Syntax Description**

**boot-order** The order at which a vdc will boot up. VDCs at the same level will be started parallely

*new\_id* Type: integer

The order at which a vdc will boot up. VDCs at the same level will be started parallely

---

**Command Modes**

• /exec/configure/vdc

# boot auto-copy

[no] boot auto-copy

<b>Syntax Description</b>	<b>no</b>	Negate a command or set its defaults
	<b>boot</b>	Configure boot variables
	<b>auto-copy</b>	Turns on/off autocopy of bootvar images
<b>Command Modes</b>		• /exec/configure

## boot nxos (bootvar)

```
boot nxos uri0 [[sup-1] [sup-2]]no boot nxos [uri0 [[sup-1] [sup-2]]]
```

<b>Syntax Description</b>	<b>no</b> Negate a command or set its defaults
	<b>boot</b> Configure boot variables
	<b>nxos</b> Configure NXOS image
	<i>uri0</i> Type: uri Enter kickstart image uri
	<b>sup-1</b> Enter sup-1 to configure the 1st sup
	<b>sup-2</b> Enter sup-2 to configure the 2nd sup
<b>Command Modes</b>	• /exec/configure

## boot nxos (bootvar)

**boot nxos** *uri0* | **no boot nxos** [*uri0*]

---

**Syntax Description**

---

**no** Negate a command or set its defaults

---

**boot** Configure boot variables

---

**nxos** Configure NXOS image

---

*uri0* Type: uri

Enter NXOS image uri

---

---

**Command Modes**

- /exec/configure

# bootmode boot

[no] bootmode boot

<b>Syntax Description</b>	<b>no</b>	Negate a command or set its defaults
	<b>bootmode</b>	set bootmode for all modules in the switch
	<b>boot</b>	boot in boot mode

**Command Modes**      • /exec/configure

# bootmode extruntime

[no] bootmode extruntime

---

**Syntax Description**

---

**no** Negate a command or set its defaults

---

**bootmode** set bootmode for all modules in the switch

---

**extruntime** boot in runtime mode with extended diags

---

---

**Command Modes**

• /exec/configure

# bootmode hitless

[no] bootmode hitless

<b>Syntax Description</b>	<b>no</b>	Negate a command or set its defaults
	<b>bootmode</b>	set bootmode for all modules in the switch
	<b>hitless</b>	boot in hitless mode

**Command Modes**

- /exec/configure

# bootmode module

[no] bootmode module *module* {boot|extruntime|hitless|netboot|nodiagruntime|runtime}

## Syntax Description

<b>no</b>	Negate a command or set its defaults
<b>bootmode</b>	set bootmode for all modules in the switch
<b>module</b>	set bootmode for a given module in the switch
<i>module</i>	Type: integer please enter module number
<b>boot</b>	boot in boot mode
<b>extruntime</b>	boot in runtime mode with extended diags
<b>hitless</b>	boot in hitless mode
<b>netboot</b>	boot using boot netboot in runtime mode
<b>nodiagruntime</b>	boot in runtime mode without running any diags
<b>runtime</b>	boot in runtime mode with normal diags

## Command Modes

- /exec/configure



# bootmode nodiagruntime

[no] bootmode nodiagruntime

<b>Syntax Description</b>	<b>no</b>	Negate a command or set its defaults
	<b>bootmode</b>	set bootmode for all modules in the switch
	<b>nodiagruntime</b>	boot in runtime mode without running any diags

**Command Modes**

- /exec/configure

# bootmode runtime

[no] bootmode runtime

---

**Syntax Description**

**no** Negate a command or set its defaults

**bootmode** set bootmode for all modules in the switch

**runtime** boot in runtime mode with normal diags

---

---

**Command Modes**

• /exec/configure

# buffer-boost

[no] **buffer-boost**

<b>Syntax Description</b>	<b>no</b>	Negate a command or set its defaults
	<b>buffer-boost</b>	Enable extra buffers for this interface

<b>Command Modes</b>	<ul style="list-style-type: none"><li>• /exec/configure/if-ethernet-all</li><li>• /exec/configure/if-eth-non-member</li><li>• /exec/configure/if-port-channel</li></ul>
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