

# CLI Reference Card for the Intel® Blade Server Ethernet Switch Modules SBCEGBESW1 and SBCEGBESW10

D66964-001



## Special Characters

Certain special key combinations speed up use of the CLI. Some of those more frequently used are listed in this section. Also, help is available for the CLI by typing **HELP**:

Ctrl-A .... go to beginning of line  
Ctrl-E .... go to end of line  
Ctrl-H .... delete current character  
Ctrl-W .... delete previous word  
Ctrl-Z .... return to root command prompt  
? .... list choices

## Special Command Usages

The commands in this document use the following typographical conventions:

<> command parameters are listed within angle brackets. These choices are necessary and must follow the specified order.

[] Brackets contain non-essential choices used to enhance the system.

IP Format: nnn.nnn.nnn.nnn

MAC Format: nn:nn:nn:nn:nn:nn

It is also imperative to remember that, when listing ports in commands, that these ports are separated by commas WITHOUT spaces.

## Command Line Completion

You do not need to type the entire command to execute a command. The system will allow you to type the command to the point that the command is uniquely recognizable and then press <TAB> or <SPACE BAR> to complete the command.

## System Commands

### User Interface

- enable [privilege-level]
- disable [privilege-level]
- login
- configure
- exit end
- help
- do *command*

### System Management Commands

- ping {ip-address | hostname}[size *packet\_size*] [count *packet\_count*] [timeout *time\_out*]
- reload
- show users
- show sessions
- show system
- show version

### Clock

- clock set *hh:mm:ss day month year* **or** clock set *hh:mm:ss month day year*
- show clock [detail]

### Configuration and Image Files

- copy *source-url destination-url*
- delete *url*
- boot system {image-1 | image-2}
- show running-config
- show startup-config
- show bootvar

## Web Server

- ip http server / no ip http server
- ip http exec-timeout *minutes* [seconds] / no ip http exec-timeout
- ip https server / no ip https server
- ip https exec-timeout *minutes* [seconds] / no ip https exec-timeout

## Ethernet Configuration

- interface ethernet {interface}
- interface range ethernet {port-list | all}
- speed {10 | 100 | 1000| 10000} / no speed
- duplex {half | full} / no duplex
- negotiation [capability1 [capability2...capability5]] / no negotiation
- flowcontrol {auto | on | off} / no flowcontrol
- mdix {on | auto} / no mdix
- clear counters [ethernet interface | port-channel port-channel-number]
- show interfaces configuration [ethernet interface | port-channel port-channel-number]
- show interfaces status [ethernet interface | port-channel port-channel-number|]
- show interfaces description [ethernet interface | port-channel port-channel-number]
- show interfaces counters [ethernet interface | port-channel port-channel-number]
- port storm-control broadcast enable /no port storm-control broadcast enable
- port storm-control broadcast rate {rate} / no port storm-control broadcast rate
- show ports storm-control [interface]

## Port Channel

- interface port-channel {*port-channel-number*}
- interface range port-channel { port-channel-range | all }
- channel-group {*port-channel-number*} mode {on | auto} / no channel-group
- show interfaces port-channel [port-channel-number]

## Address Table

- bridge address *mac-address* {ethernet interface | port-channel port-channel-number} [permanent | delete-on-reset | delete-on-timeout | secure] / no bridge address [mac-address]
- clear bridge
- show bridge address-table [vlan vlan] [ethernet interface | port-channel port-channel-number | address mac address]
- show bridge address-table count [vlan vlan] [ethernet interface-number | port-channel port-channel-number]

## Spanning Tree

- spanning-tree / no spanning-tree
- spanning-tree mode {stp | rstp| mstp} / no spanning-tree mode
- spanning-tree priority priority / no spanning-tree priority
- spanning-tree disable / no spanning-tree disable
- spanning-tree cost cost / no spanning-tree cost
- spanning-tree port-priority priority / no spanning-tree port-priority
- spanning-tree portfast [auto] / no spanning-tree portfast
- spanning-tree bpdu {filtering | flooding} / no spanning-tree bpdu

## VLANs

- vlan database
- vlan *vlan-range* / no vlan *vlan-range*
- interface vlan *vlan-id*
- interface range vlan {*vlan-range* | all}
- switchport mode {access | trunk | general} / no switchport mode
- switchport access vlan {*vlan-id* | dynamic} / no switchport access vlan
- switchport trunk allowed vlan {add *vlan-list* | remove *vlan-list*}
- switchport trunk native vlan *vlan-id* / no switchport trunk native vlan

- switchport general allowed vlan add *vlan-list* [tagged | untagged] / switchport general allowed vlan remove *vlan-list*
- switchport general pvid *vlan-id* / no switchport general pvid
- show vlan [id *vlan-id* | name *vlan-name*]
- show interfaces switchport {ethernet interface | port-channel port-channel-number}

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