

# Alias Configuration on Cisco Devices

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Network specialists might avoid writing unnecessary, lengthy instructions by using "Alias" to shorten the most useful commands on their system. It's quite simple to put into practice. Before the configuration of "Alias" on Cisco device let us to see default "Aliases" on device.

**Switch# show aliases**

```
Switch#show aliases
Exec mode aliases:
  h          help
  lo         logout
  p          ping
  r          resume
  s          show
  u          undebug
  un         undebug
  w          where
Switch#
```

As you can see, we have default aliases. For instance, while sending ping packets, we may choose to use "p" rather than "ping."

**Switch# p 192.168.1.1**

```
Switch#p 192.168.1.1
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 192.168.1.1, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 2/4/5 ms
Switch#
```

To define new alias, we can use command which is below.

```
Switch(config)# alias exec siib show ip interface brief
```

We created an alias in this example so that we could use the acronym "siib" in place of "show ip interface brief."

```
Switch# siib
```

```
Switch#siib
Interface      IP-Address  OK? Method Status  Protocol
Ethernet0/0    unassigned  YES unset  up      up
Ethernet0/1    unassigned  YES unset  up      up
Ethernet0/2    unassigned  YES unset  up      up
Ethernet0/3    unassigned  YES unset  up      up
Ethernet1/0    unassigned  YES unset  up      up
Ethernet1/1    unassigned  YES unset  up      up
Ethernet1/2    unassigned  YES unset  up      up
Ethernet1/3    unassigned  YES unset  up      up
Ethernet2/0    unassigned  YES unset  up      up
Ethernet2/1    unassigned  YES unset  up      up
Ethernet2/2    unassigned  YES unset  up      up
Ethernet2/3    unassigned  YES unset  up      up
Ethernet3/0    unassigned  YES unset  up      up
Ethernet3/1    unassigned  YES unset  up      up
Ethernet3/2    unassigned  YES unset  up      up
Ethernet3/3    unassigned  YES unset  up      up
Vlan1          192.168.1.1  YES manual up      up
Switch#
*May 23 13:13:26.028: %SYS-5-CONFIG_I: Configured from console by console
Switch#
```

To eliminate any aliases on Cisco appliances, we can utilize the following command.

```
Switch(config)# no aliases exec siib show ip interface brief
```