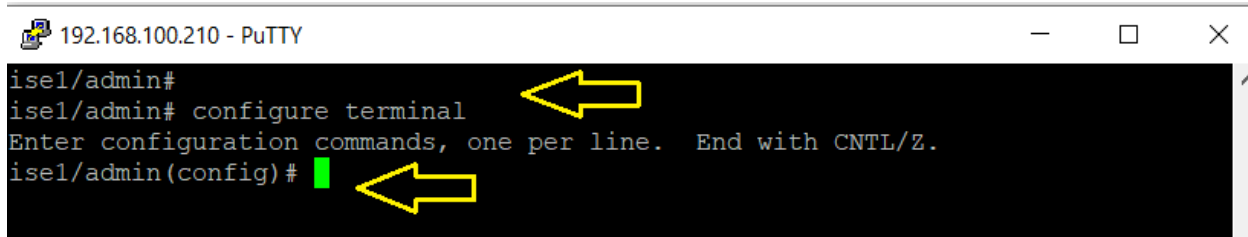


## Cisco ISE CLI:

Cisco ISE Command-Line Interface (CLI) allows you to perform system-level configuration in EXEC mode and other configuration tasks in configuration mode, and generate operational logs for troubleshooting. You can use CLI to apply Cisco ISE application software patches, generate operational logs for troubleshooting, and backup the Cisco ISE application data. Additionally, you can use the Cisco ISE CLI to start and stop the Cisco ISE application software, restore the application data from a backup, upgrade application software, view all system and application logs for troubleshooting, and reload or shutdown the Cisco ISE device.

When you start a session in the Cisco ISE CLI, you begin in EXEC mode. In EXEC mode, you have permissions to access everything in the Cisco ISE server and perform system-level configuration and generate operational logs. To exit configuration mode and return to EXEC mode, enter end, exit, or Ctrl-z.



```
ise1/admin#
ise1/admin# configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
ise1/admin(config)#
```

### Cisco ISE EXEC Mode Commands

ise1/admin# application reset-passwd ise admin

ise1/admin# application start ise

ise1/admin# application stop ise

ise1/admin# show application status ise

ise1/admin# clear screen

ise1/admin# cls

ise1/admin# show clock

ise1/admin# clock set August 30 18:07:20 2013

ise1/admin# configure terminal

ise1/admin# copy running-config startup-config

ise1/admin# copy startup-config running-config

ise1/admin# debug all

ise1/admin# undebug all

ise1/admin(config)# exit

ise1/admin# halt

ise1/admin# reload

ise1/admin# password

ise1/admin# ping 8.8.8.8

ise1/admin# traceroute 8.8.8.8

### Cisco ISE EXEC Mode Show Commands

```
ise1/admin# show backup status
ise1/admin# show backup history
ise1/admin# show cdp neighbors
ise1/admin# show interface GigabitEthernet 0
ise1/admin# show ip route
ise1/admin# show logging system
ise1/admin# show memory
ise1/admin# show ntp
ise1/admin# show timezone
ise1/admin# show uptime
ise1/admin# show users
ise1/admin# show version
```

### Cisco ISE Configuration Mode Commands

```
ise1/admin(config)# interface GigabitEthernet 0
ise1/admin(config-GigabitEthernet) # ip address 1.1.1.1 255.255.255.0
ise1/admin(config)# exit
ise1/admin(config)# clock timezone UTC
ise1/admin(config)# hostname ISE
ise1/admin(config)# ip default-gateway 192.168.100.254
ise1/admin(config)# ip domain-name test.local
ise1/admin(config)# ip name-server 8.8.8.8
ise1/admin(config)# ip route 0.0.0.0 0.0.0.0 192.168.100.254
ise1/admin(config)# username ali password plain Abc@12345 role admin
```

```
ise1/admin# ?
Exec commands:
  application  Application Install and Administration
  backup       Backup system
  backup-logs  Backup system and application logs
  banner       Configure login banners
  clock        Set the system clock
  configure    Enter configuration mode
  copy         Copy commands
  crypto       Crypto operations
  debug        Debugging functions (see also 'undebug')
  delete       Delete a file
```

```
ise1/admin#
ise1/admin# show ?
  application  Display application(s) information
  backup       Show backup information
  banner       Show login banners
  cdp          CDP show commands
  clock        Show clock information
  container    Show container information
```