

# Cisco CSPC 2.8

Configure CSPC Appliance via CLI

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# 1. Configure CSPC Appliance via CLI

After installing the CSPC OVA, set the admin password.

```
Please set the password for 'admin' user
New password :
```

You will be prompted to enter your password. First enter the password and confirm the password.

Passwords must be at least (8) characters long and must contain

- At least one lowercase letter (a, b, c, d...z)
- At least one Uppercase letter (A, B, C, D...Z)
- At least one number (0, 1, 2, 3...9)
- At least one special characters ,@#!\$%^&\*()\_+|~-='`{}[]:;'"<>?,/).

Once you enter your password, you will be able to configure the IP from the menu or in the command shell prompt. In either way please ensure you connect to the admin shell to initialize your full bash shell users.

**If you select 1 or 2 the menu will guide you for the IP configuration**

```
Please enter your choice from the below options to configure the appliance :

1. IPv4 Configuration
2. IPv6 Configuration
3. Go to Command Line (Shell)
```

## Configure the IP address directly on shell

**Note:** Only users with admin privledges can configure the IP address. Before configuring IP switch over as an admin user.

Enter the appropriate command as show below

```
Usage:
admin# conf ip <type> <intf> <ipaddr> <netmask> <gateway>
admin# conf ip -v4 <intf> <ipaddr> <netmask> <gateway>
admin# conf ip -v6 <intf> <ipaddr/prefix> <gateway>
where prefix should be between 1 and 128
Eg:
admin# conf ip -v4 eth0 192.168.155.2 255.255.255.0 192.168.155.1
admin# conf ip -v6 eth0 2001:420:54ff:4::156:17/24 2001:420:54ff:4::156:1
```

To initially set or reset the password use the below command

#### **Enable the Linux user login “collectorlogin”**

```
# pwdreset collectorlogin 90
```

This will generate a password for the username “collectorlogin.” Save this password!

#### **Enable the Linux root login**

```
# pwdreset root 90
```

This will generate a password for the username “ root”. Save this password additionally you are not allowed to connect direct to root, attempts to connect directly to the user root will cause lock on that account! To connect to root first connect to collectorlogin prompt and then issue the command **su root**

```
$ su root
```

```

=====
Cisco Network Appliance Administration
=====

To see the list of all the commands press '?'
admin# pwdreset collectorlogin 90

Password for 'collectorlogin' reset to - Bqsxyfg4+ successfully
Password expires in 90 days
Shell is enabled
passwd: all authentication tokens updated successfully

*** Please memorize the new password ***
Lost passwords cannot be recovered. The only alternative to recover is to reinstall the server.

admin# pwdreset root 90

Password for 'root' reset to - Cdptfsu3+ successfully
Password expires in 90 days
Shell is enabled
passwd: all authentication tokens updated successfully

*** Please memorize the new password ***
Lost passwords cannot be recovered. The only alternative to recover is to reinstall the server.

admin#

```

Change the collector login and root password once you login to appliance

Using passwd username

Confirm your IP address settings:

```
# show ip
```

You can now connect to the server using SSH or through a browser at address:

https://<IP Address of the Collector>:8001

There are additional commands on the admin shell to display them just do the following

```
admin# ?
```

- |                        |   |
|------------------------|---|
| ?                      | - print the list of available commands        |
| about                  | - about appliance                             |
| apply *                | - install updates for Appliance components    |
| check appliance update | - Displays the updates for specific appliance |

check service *	- To check the existence of nfs or samba
service	
check update *	- check availability of updates for Appliance
components	
clear history *	- purge command history for user/s
clrscr	- clear current screen/s
collector *	- Performs the CSPC
conf autoupdate *	- configure auto-update policy
conf date *	- configure date and/or time
conf defaultUpgrade	- configures default upgrade policy job
conf dhcp *	- configure dhcp
conf dns *	- configure DNS server(s)
conf domains *	- configure search
conf endpoint *	- configure host-type to address mapping
conf ip *	- configure static IP
conf polling-interval *	- configure the polling interval time or
disable it	
conf proxy *	- configure proxy server
conf server-connection *	- configure connection with server used for
updates	
conf smtp	- configure the SMTP service
conf websocket *	- configures web socket
connectivity direct-mode *	- enable or disable connectivity direct-mode
delete autoupdate *	- delete configured auto-update policy
delete endpoint *	- delete host-type to address mapping
delete schedulejob *	- Deletes the Scheduled job details
delete smtp	- Deletes the SMTP details
dmidecode	- view SMBIOS table
download *	- download updates for Appliance components
exit	- exits from this session
firewall <enable/disable>	- enable/disable firewall rules
help	- print the list of available commands
history-size <number> *	- sets the maxsize for history file
hostname <hostname>	- change hostname

load keymap * country	- To load the Keyboard mapping to specific
logging-level *	- enable debug / info level logs for lcm agent
logout	- logout from this session
mount *	- mounts to particular location
passwd	- change user passwd for admin only
ping *	- view ping details
poweroff	- turns off the appliance
proxy <enable/disable/clear>	- enable/disable or clear proxy
pwdreset * specified number of days	- reset user passwd to random string for a
reboot	- reboot the system
reload	- reloads the system
route *	- add static route to a network
show apply *	- display status of apply operation
show autoupdate * policy	- display details of configured auto-update
show connectivity direct-mode	- display status of connectivity direct-mode
show date	- display date and time information
show download *	- display status of download operation
show firewall	- display the firewall rules
show history * of the history file	- display command history for user/s and size
show hostname	- display hostname
show ipconfig	- display network configuration
show keymap countries	- To display the Keyboard mapping of available
show logs *	- display logs
show monitor	- display appliance status(cpu, memory, disk)
show polling-interval	- display the polling interval information
show route *	- display configured routes
show schedulejob *	- Displays the Scheduled job details
show server-connection used for updates	- display details of connection with server



<code>show smtp</code>	- Displays the SMTP details
<code>show timesync update time</code>	- display current NTP sync interval and last
<code>show timezone</code>	- display current timezone
<code>show update history</code>	- display recently installed versions
<code>show version *</code>	- display version for ServicePack/Jeos
<code>show websocket</code>	- display the web socket information
<code>ssh &lt;enable/disable&gt;</code>	- enable or disable ssh access
<code>telnet &lt;enable/disable&gt;</code>	- enable or disable telnet access
<code>timesync *</code>	- synchronize system time with NTP interval
<code>timezone</code>	- set timezone information
<code>traceroute &lt;host&gt;</code>	- traceroute host
<code>unmount *</code>	- unmounts to particular location
<code>upgrade *</code>	- Upgrades the appliance



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