



Configure Commands

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connectorctl lockinterval

This command sets the permitted number of unsuccessful login attempts before the account is locked. The command also sets the account lockout interval in minutes. The minimum number of tries is three. The maximum of tries is five. The default number of tries is three.

Parameters

None.

connectorctl lockinterval

Usage Guidelines

```
[cmxadmin@connector ~]$ connectorctl lockinterval
Unsuccessful login attempts before account lock [3-5] [3]: 4
Account lockout interval in minutes [1-120] [30]: 30|
```

connectorctl passwordpolicy

This command sets the password policy for the Connector Web UI, prevents the configuration of weak passwords, and encourages the setting of a strong password.

Parameters

Table 1: Parameters

Parameter	Description
Enable strong password	Enables the setting of a strong password that includes uppercase, lowercase, special characters, and digits.
Minimum password length	Enables you to specify a password length. Minimum length is eight, maximum length is 127, and the default length is 8
Reject weak passwords	Enables rejection of a weak password (such as a dictionary word), instead of merely issuing a warning.
Allow password to expire	Sets the password expiration period to 60 days and warning period to seven days.

connectorctl passwordpolicy

Usage Guidelines

```
[cmxadmin@connector ~]$ connectorctl passwordpolicy
Enable strong password [yes / no] [yes]: yes
Minimum password length [8-127] [8]: 10
Reject weak passwords? [Y/N] [yes]: Y
Allow password to expire [yes / no] [yes]: yes
```

connectorctl networkconfig cloud

This command configures or displays the network configurations made on the connector. This command works both on single and dual interface deployments.



Note If you change the hostname or the IP address using this command, ensure that you regenerate the self-signed certificate. Use the **connectorctl generatcert** command after you reboot the system.

Parameters.

Table 2: Parameters

Parameter	Description
cloud	Configures the interface in a single-interface deployment. Configures the cloud interface or the interface that connects to the external network (first interface) in a dual-interface deployment.
cloudstatus	Displays the status of the interface in a single-interface deployment. Displays the status of the cloud interface in a dual-interface deployment (first interface).

connectorctl networkconfig { cloud | cloudstatus }

Usage Guidelines

```
[dnasadmin@conn170 ~]$ connectorctl networkconfig cloud
HOSTNAME=conn170
IPADDR=10.22.x.x
NETMASK=255.255.255.0
GATEWAY=10.22.x.x
DNS1=171.x.x.x
DOMAIN=cisco.com
HWADDR=00:0x:xx:xx:xx:xx
Do you want to edit any of the above information? [y/n] [n]: n
=====
  Hostname Configuration
=====
Do you want to edit the Hostname? [y/n] [n]: n
Please enter the new Hostname : cmxadmin
=====
  IP Address Configuration
=====
Do you want to edit the IP Address? [y/n] [n]: yes
Please enter the new IP Address : 10.22.244.11
=====
  Netmask Configuration
=====
Do you want to edit the Netmask? [y/n] [n]: n
=====
Gateway Configuration
=====
Do you want to edit the Gateway? [y/n] [n]: n
=====
  DNS Server Configuration
```

```

=====
DNS Servers can be added, edited, or removed
1. Add DNS Server          Press 1
2. Edit DNS Server         Press 2
3. Remove DNS Server       Press 3
4. Exit                    Press 4
Please select an option from the list above: (Default value is 4)

```

```

Added DNS Servers:
DNS1=10.x.x.x
Please enter the DNS Server IP Address: 10.x.x.x
[4]: 1

```

```

=====
Domain Configuration
=====

```

```

Do you want to edit the Domain? [y/n] [n]: n
New Network Changes:
HOSTNAME cmxadmin
IPADDR 10.x.x.x
DNS2 10.x.x.x
Confirm the above details? [y/n] [n]: y

```

```

Successfully restarted network service
LATEST NETWORK CONFIGURATION
HOSTNAME= cmxadmin
IPADDR=10.x.x.x
NETMASK=255.255.255.0
GATEWAY=10.x.x.x
DNS1=192.x.x.x.x
DOMAIN=test.com
System will reboot in 5 seconds...

```

```

[dnasadmin@conn170 ~]$ connectorctl networkconfig cloudstatus
Interface Name = ens33
IP = 10.22.x.x
NETMASK = 255.255.255.0
DOMAIN = cisco.com
DNS = 171.70.x.x
SUBNETS not configured

```

```

Routing Table
=====

```

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface	MSS
Window irtt								
0.0.0.0	10.22.x.x	0.0.0.0	UG	0	0	0	ens33	0
0								
10.22.x.0	0.0.0.0	255.255.255.0	U	0	0	0	ens33	0
0								

```

Firewall rules
=====

```

```

Allowed port/protocol
443/tcp
1812/tcp
1813/tcp
8000/tcp
8004/tcp
2003/udp

```

connectorctl networkconfig device

This command configures or displays the network configurations that are made on the Cisco Spaces: Connector. This command works only on dual interface deployments. Running the command on a single-interface deployment throws an error.



Note If you change the hostname or the IP address using this command, ensure that you regenerate the self-signed certificate. Use the **connectorctl generatecert** command after you reboot the system.

Parameters

Table 3: Parameters

Parameter	Description
device	In a dual-interface deployment, it configures the interface where the devices are present (device interface).
devicestatus	Displays the status of the device interface in a dual-interface deployment.

connectorctl networkconfig { device | devicestatus }

Usage Guidelines

```

dnasadmin@conn171 ~]$ connectorctl networkconfig device
Do you want to (C)onfigure or (D)elete the Device Interface or (E)xit? (c/d/e): d
Are you sure you want to delete the Device Interface? (y/n) [n]: y
Deleting Device Interface ...
Device Interface deleted successfully.
System will reboot in 5 seconds...
Connection to 10.22.x.x closed by remote host.
Connection to 10.22.x.x closed.
rmdira@RMADIRA-M-L2BK Downloads % ssh dnasadmin@10.22.x.x
ssh: connect to host 10.22.x.x port 22: Operation timed out
rmdira@RMADIRA-M-L2BK Downloads % ssh dnasadmin@10.22.x.x
Password:
Password:
Last failed login: Mon Aug  9 13:35:57 PDT 2021 from 10.24.127.162 on ssh:notty
There was 1 failed login attempt since the last successful login.
Last login: Mon Aug  9 13:32:12 2021 from 10.24.x.x
[dnasadmin@conn171 ~]$ connectorctl networkconfig device
Configuring the Device Interface ...
Please enter IP []: 2.1.0.x
Please enter Netmask []: 255.255.255.0
Please enter Gateway []: 2.1.0.x
Please enter Domain []: cisco.com
=====
DNS Server Configuration
=====
DNS Servers can be added, edited, or removed
1. Add DNS Server                               Press 1
2. Edit DNS Server                               Press 2
3. Remove DNS Server                             Press 3
4. Exit                                          Press 4

```

Please select an option from the list above [4]: 4

```
=====
Subnet Configuration
=====
```

Current Subnet List:

```
2.1.x.x/24      (Auto-populated)
-----
```

Subnets can be added, edited, or removed

```
1. Add Subnet          Press 1
2. Edit Subnet         Press 2
3. Remove Subnet      Press 3
4. Exit                Press 4
```

Please select an option from the list above [4]: 4

```
=====
Do you want to block ports (8000, 8004 and 2003) on Cloud Interface? [y/n] [n]: n
=====
```

Following configuration will be saved:

```
IPADDR=2.1.x.x
NETMASK=255.255.255.0
GATEWAY=2.1.0.x
DOMAIN=cisco.com
SUBNET1=2.1.0.0/24
CLOUD_PORTS_BLOCKED = No
Confirm the above details? [yes/no]: yes
Saving configuration...
Configuring Device Interface ...
Device Interface configured successfully.
System will reboot in 5 seconds...
Connection to 10.22.212.171 closed by remote host.
Connection to 10.22.212.171 closed.
```



Note You can add more subnets using the **Add Subnet** option. The Cisco Spaces: Connector can reach these subnets using the device interface.

```
[dnasadmin@conn170 ~]$ connectorctl networkconfig devicestatus
Interface Name = ens160
IP = 2.1.0.x
NETMASK = 255.255.255.0
DOMAIN = cisco.com
DNS =
SUBNET(s) configured:
-----
SUBNET1 = 2.1.0.0/24

Routing Table
=====
Destination      Gateway           Genmask           Flags Metric Ref    Use Iface   MSS
Window irtt
2.1.0.0          2.1.0.x          255.255.255.0    UG    0      0      0 ens160    0    0
0
2.1.0.0          0.0.0.0          255.255.255.0    U     0      0      0 ens160    0    0
0

Firewall rules
=====
Subnets allowed      port/protocols allowed
-----
2.1.0.0/24           2003/udp, 443/tcp, 8000/tcp, 8004/tcp
CLOUD_PORTS_BLOCKED = No
```

```
[dnasadmin@conn170 ~]$
```


connectorctl dnsconfig

This command configures or displays the DNS configurations that are made on the Cisco Spaces: Connector.

Table 4: Parameters

Parameter	Description
cloud	
device	

connectorctl dnsconfig [cloud | device]

Usage Guidelines

```
[dnasadmin@AMIMARKETPLACE ~]$ connectorctl dnsconfig
```

```
=====
DNS Server Configuration
=====

DNS Servers can be added, edited, or removed

1. Add DNS Server          Press 1
2. Edit DNS Server         Press 2
3. Remove DNS Server       Press 3
4. Exit                    Press 4

Please select an option from the list above [4]: 1

Added DNS Servers:

Please enter the DNS Server: 10.8.8.8
=====
DNS Server Configuration
=====

DNS Servers can be added, edited, or removed

1. Add DNS Server          Press 1
2. Edit DNS Server         Press 2
3. Remove DNS Server       Press 3
4. Exit                    Press 4

Please select an option from the list above [4]: 4
```

Following configuration will be saved:

DNS1=10.8.8.8

Confirm the above details? [yes/no]: yes

Saved changes successfully

System needs to reboot for changes to take effect.