



NTP Commands

The NTP commands are not supported on connector AMI.

- [connectortl ntprestrict](#), on page 2
- [connectortl ntpunrestrict](#), on page 3
- [connectortl ntpconfig](#), on page 4

connectorctl ntprestrict

This command restricts an IP address from accessing the Network Time Protocol (NTP) server.

Parameters

IP address

connectorctl ntprestrict *ipaddress*

Usage Guidelines

```
[cmxadmin@connector ~]$ connectorctl ntprestrict 10.22.244.34
```

Related Topics

[connectorctl ntpunrestrict](#), on page 3

connectorctl ntpunrestrict

This command removes any Network Time Protocol (NTP) server access restriction on an IP address.

Parameters

IP address

connectorctl ntpunrestrict *ipaddress*

Usage Guidelines

```
[cmxadmin@connector ~]$ connectorctl ntpunrestrict 10.22.244.34
```

connectorctl ntpconfig

This command adds, edits, removes, or displays the Network Time Protocol (NTP) server.

Parameters

None

connectorctl ntpconfig

Usage Guidelines

The following is the sample command output for the **Show NTP Server Details (Press 4)** option when an NTP server is not configured.

```
[cmxadmin@cmxnew-01 ~]$ connectorctl ntpconfig

[Please select an option from the list above: (Default value is 4) [5]: 4
• ntpd.service - Network Time Service
Loaded: loaded (/usr/lib/systemd/system/ntpd.service; disabled; vendor preset: disabled)
Active: inactive (dead)
```

The following is the sample command output for the **Show NTP Server Details (Press 4)** option when an NTP server is configured.

```
Please select an option from the list above: (Default value is 5) [5]: 4
• ntpd.service - Network Time Service
  Loaded: loaded (/usr/lib/systemd/system/ntpd.service; enabled; vendor preset: disabled)
  Active: active (running) since Mon 2020-02-17 19:50:05 -10; 1 day 7h ago
  Main PID: 675 (ntpd)
  Memory: 4.7M
  CGroup: /system.slice/ntpd.service
          └─675 /usr/sbin/ntpd -u ntp:ntp -g

Feb 18 18:11:45 cmxnew-01 ntpd[675]: new interface(s) found: waking up resolver
Feb 18 18:53:36 cmxnew-01 ntpd[675]: Deleting interface #10 veth438ff12,
fe80::607a:10ff:fe0f:1145#123, interface stats: received=0, sent=0, dropped=0,
active_time=2511 secs
Feb 18 18:53:38 cmxnew-01 ntpd[675]: Listen normally on 11 veth660497a
fe80::3836:acff:fe0c:c279 UDP 123
Feb 18 18:53:38 cmxnew-01 ntpd[675]: new interface(s) found: waking up resolver
Feb 18 20:35:06 cmxnew-01 ntpd[675]: Deleting interface #11 veth660497a,
fe80::3836:acff:fe0c:c279#123, interface stats: received=0, sent=0, dropped=0,
active_time=6088 secs
Feb 18 20:35:10 cmxnew-01 ntpd[675]: Listen normally on 12 vethb301b1d
fe80::d0a9:e5ff:fef2:8223 UDP 123
Feb 18 20:35:10 cmxnew-01 ntpd[675]: new interface(s) found: waking up resolver
Feb 18 20:35:15 cmxnew-01 ntpd[675]: Listen normally on 13 veth7636c9b
fe80::40a7:e2ff:fed9:d5a3 UDP 123
Feb 18 20:35:15 cmxnew-01 ntpd[675]: Deleting interface #12 vethb301b1d,
fe80::d0a9:e5ff:fef2:8223#123, interface stats: received=0, sent=0, dropped=0, active_time=5
secs
Feb 18 20:35:15 cmxnew-01 ntpd[675]: new interface(s) found: waking up resolver

=====
      remote          refid          st t when poll reach  delay  offset  jitter
=====
*172.22.38.66      .GNSS.             1 u  880 1024 377    2.090  -0.092  0.159
=====
```

The following is the sample command output for the **Add NTP Server Details (Press 1)** option when no NTP server has been configured.

```
[cmxadmin@ccmxnew-01 ~]$ connectorctl ntpconfig
...
Configure NTP
[Please enter the NTP server name (blank for no NTP server): 1.ntp.esl.test.co
10 Feb 22:07:28 ntpdate[18062]: step time server 172.22.38.65 offset 17.924716 sec
NTP setup finishe
New NTP Change
1.ntp.esl.test.com
```

The following is the sample command output for the **Add NTP Server Details (Press 1)** option when one NTP server has already been configured. The NTP servers that are already added are first displayed for your reference.

```
[cmxadmin@cmxnew-01 ~]$ connectorctl ntpconfig
...
[Please select an option from the list above: (Default value is 4) [5]: 1

Added NTP Servers:
1.ntp.esl.test.com
[Please enter the NTP Server: 2.ntp.esl.test.com
Adding NTP Server: 2.ntp.esl.test.com
[Confirm the above details? [y/n] [n]: y
10 Feb 22:32:13 ntpdate[19105]: adjust time server 172.22.38.66 offset 0.099035 sec
Restarting the NTP Service
NTP Service restarted successfully!
New NTP Changes
1. ntp.esl.test.com
2. ntp.esl.test.com
```

The following is the sample command output for the **Edit NTP Server Details (Press 2)** option. The NTP servers that are already added are first displayed for your reference.

```
Please select an option from the list above: (Default value is 4) [5]: 2

Available NTP Servers:
2.ntp.esl.test.com
1. server 2.ntp.esl.test.com Press 1

Which NTP Server would you like to edit? [1]: 1
Please enter the new NTP Server : 1.ntp.esl.test.com
New NTP Server: 1.ntp.esl.test.com
Confirm the above details? [y/nl [n]: y
10 Feb 23:38:53 ntpdate[21024]: adjust time server 172.22.38.65 offset 0.002521 sec
Restarting the NTP Service
NTP Service restarted successfully!
New NTP Changes
1.ntp.esl.test.com
```

The following is the sample command output for the **Remove NTP Server Details (Press 3)** option.

```
Please select an option from the list above: (Default value is 4) [5]: 3
Available NTP Servers:
1. ntp.esl.test.com
2. ntp.esl.test.com
1. server 1.ntp.esl.test.com.      Press 1
2. server 2.ntp.esl.test.com      Press 2
```

Which NTP Server would you like to remove?

Removing NTP Server: 2.ntp.esl.test.com

Confirm the above details? [y/n] [n]: y

Successfully removed the NTP

Restarting the NTP Service

NTP Service restarted successfully!

New NTP Changes

1.ntp.esl.test.com