



## N Commands

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This chapter describes the Cisco NX-OS system management commands that begin with the letter N.

### ntp enable

To enable the Network Time Protocol (NTP) s, use the **ntp enable** command. To disable NTP, use the **no** form of this command.

**ntp enable**

**no ntp enable**

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**Syntax Description** This command has no arguments or keywords.

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**Defaults** None

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**Command Modes** Global configuration mode

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**SupportedUserRoles** network-admin  
vdc-admin

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Release	Modification
4.0(3)	This command was introduced.

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**Usage Guidelines** This command does not require a license.

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**Examples** This example shows how disable NTP:  
`switch# no ntp enable`

**ntp enable**

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**Related Commands**

<b>Command</b>	<b>Description</b>
<b>ntp server</b>	Configures a remote NTP server.

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## ntp sync-retry

To resynchronize the Network Time Protocol (NTP) with configured NTP servers, use the **ntp sync-retry** command.

**ntp sync-retry**

**Syntax Description** This command has no arguments or keywords.

**Defaults** None

**Command Modes** Any command mode

**SupportedUserRoles** network-admin  
network-operator  
vdc-admin  
vdc-operator

Command History	Release	Modification
	4.0(1)	This command was introduced.

**Usage Guidelines** This command does not require a license.

**Examples** This example shows how to resynchronize NTP:  
switch# **ntp sync-retry**

Related Commands	Command	Description
	<b>ntp server</b>	Configures a remote NTP server.

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## ntp peer

To do configure the Network Time Protocol peer, use the **ntp peer** command. To remove the peer, use the **no** form of this command.

**ntp peer** *host* [*prefer*] [**use-vrf** *vrf*]

**no ntp peer** *host* [*prefer*] [**use-vrf** *vrf*]

Syntax Description		
	<i>host</i>	Hostname or IP address of the NTP peer.
	<b>prefer</b>	(Optional) Specifies this peer as the preferred peer.
	<b>use-vrf</b> <i>vrf</i>	(Optional) Specifies the virtual routing and forwarding (VRF) used to reach this peer.

Defaults	
	None

Command Modes	
	Global configuration (config)

SupportedUserRoles	
	network-admin vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines	
	This command does not require a license.

Examples	
	This example shows how to configure an NTP peer: switch(config)# <b>ntp peer 192.0.2.2</b>

Related Commands	Command	Description
	<b>show ntp peer</b>	Displays information about the NTP peer.

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## ntp server

To do configure a Network Time Protocol server, use the **ntp server** command. To remove the server, use the **no** form of this command.

**ntp server** *host* [**prefer**] [**use-vrf** *vrf*]

**no ntp server** *host* [**prefer**] [**use-vrf** *vrf*]

Syntax Description		
<i>host</i>		Hostname or IP address of the NTP server.
<b>prefer</b>		(Optional) Specifies this server as the preferred server.
<b>use-vrf</b> <i>vrf</i>		(Optional) Specifies the virtual routing and forwarding (VRF) used to reach this peer.

Defaults	
	None

Command Modes	
	Global configuration (config)

SupportedUserRoles	
	network-admin vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines	
	This command does not require a license.

Examples	
	This example shows how to configure an NTP server: <pre>switch(config)# ntp server 192.0.2.2</pre>

Related Commands	Command	Description
	<b>show ntp peer</b>	Displays information about the NTP peer.

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## ntp source

To do configure the Network Time Protocol source, use the **ntp source** command. To remove the NTP source, use the **no ntp source** form of this command.

**ntp source** *addr*

**no ntp source** *addr*

<b>Syntax Description</b>	<i>addr</i>	IPv4 or IPv6 address of the source. The IPv4 address format is dotted decimal, x.x.x.x. The IPv6 address format is hex A:B::C:D.
<b>Defaults</b>	None	
<b>Command Modes</b>	Global configuration (config)	
<b>Supported User Roles</b>	network-admin vdc-admin	
<b>Command History</b>	<b>Release</b>	<b>Modification</b>
	4.0(1)	This command was introduced.
<b>Usage Guidelines</b>	This command does not require a license.	
<b>Examples</b>	<p>This example shows how to configure the NTP source:</p> <pre>switch(config)# ntp source 192.0.2.3</pre> <p>This example shows how to remove the NTP source:</p> <pre>switch(config)# no ntp source 192.0.2.3</pre>	
<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>show ntp source</b>	Displays information about the NTP source.