



N Commands

This chapter describes the Cisco Nexus 1010 commands that begin with the letter N.

network-uplink type

To change the uplink type for the Cisco Nexus 1010, use the **network-uplink type** command. To remove the configuration and set the uplink type to the default, use the **no** form of this command.

network-uplink type {1 | 2 | 3 | 4}

no network-uplink type

Syntax Description		
	1	Specifies that ports 1 and 2 carry all management, control, and data VLANs.
	2	Specifies that ports 1 and 2 carry management and control VLANs, and ports 3 through 6 carry data VLANs.
	3	Specifies that ports 1 and 2 carry management VLANs, and ports 3 through 6 carry control and data VLANs.
	4	Specifies that ports 1 and 2 carry management VLANs, ports 3 and 4 carry control VLANs, and ports 5 and 6 carry data VLANs.

Defaults	
	None

Command Modes	
	Global configuration (config)

SupportedUserRoles	
	network-admin

Command History	Release	Modification
	4.0(4)SP1(1)	This command was introduced.

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Examples

This example shows how to configure the network uplink type so that ports 1 and 2 carry all management, control, and data VLANs:

```
n1010# configure terminal
n1010(config)# network-uplink type 1
n1010(config)#
```

This example shows how to remove the configuration and set the network uplink type to the default:

```
n1010# configure terminal
n1010(config)# no network-uplink type 1
n1010(config)#
```

Related Commands

Command	Description
show network-uplink type	Displays the uplink configuration.

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ntp enable

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

ntp enable

no ntp enable

Syntax Description This command has no arguments or keywords.

Defaults Enabled

Command Modes Global configuration (config)

SupportedUserRoles network-admin

Command History	Release	Modification
	4.0(4)SP1(1)	This command was introduced.

Examples This example shows how to enable NTP:

```
switch# ntp enable
```

This example shows how to disable NTP:

```
switch# no ntp enable
```

Related Commands	Command	Description
	show ntp peers	Displays all NTP peers.
	show ntp peer-status	Displays the status for all NTP servers and peers.
	ntp server	Configures an NTP server.
	ntp source	Configures the NTP source.

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ntp peer

To configure the Network Time Protocol (NTP) 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	host	Hostname or IP address of the NTP peer.
	prefer	(Optional) Specifies this peer as the preferred peer.
	use-vrf vrf	(Optional) Specifies the virtual routing and forwarding (VRF) used to reach this peer.

Defaults	None
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Command Modes	Global configuration (config)
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Supported User Roles	network-admin
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Command History	Release	Modification
	4.0(4)SP1(1)	This command was introduced.

Examples This example shows how to configure an NTP peer:

```
switch(config)# ntp peer 192.0.2.2
```

Related Commands	Command	Description
	show ntp peers	Displays all NTP peers.
	show ntp peer-status	Displays the status for all NTP servers and peers.
	ntp enable	Enables NTP
	ntp server	Configures an NTP server.
	ntp source	Configures the NTP source.

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ntp server

To configure a Network Time Protocol (NTP) 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.
	prefer	(Optional) Specifies this server as the preferred server.
	use-vrf <i>vrf</i>	(Optional) Specifies the virtual routing and forwarding (VRF) used to reach this peer.

Defaults	
	None

Command Modes	
	Global configuration (config)

Supported User Roles	
	network-admin

Command History	Release	Modification
	4.0(4)SP1(1)	This command was introduced.

Examples This example shows how to configure an NTP server:

```
switch(config)# ntp server 192.0.2.2
```

Related Commands	Command	Description
	show ntp peers	Displays all NTP peers.
	show ntp peer-status	Displays the status for all NTP servers and peers.
	ntp enable	Enables NTP
	ntp source	Configures the NTP source.

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ntp source

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

ntp source *addr*

no ntp source *addr*

Syntax Description	<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.
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Defaults	None
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Command Modes	Global configuration (config)
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SupportedUserRoles	network-admin
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Command History	Release	Modification
	4.0(4)SP1(1)	This command was introduced.

Examples This example shows how to configure the NTP source:

```
switch(config)# ntp source 192.0.2.3
```

This example shows how to remove the NTP source:

```
switch(config)# no ntp source 192.0.2.3
```

Related Commands	Command	Description
	show ntp peers	Displays all NTP peers.
	show ntp peer-status	Displays the status for all NTP servers and peers.
	ntp enable	Enables NTP.
	ntp server	Configures an NTP server.

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numcpu

To configure the virtual CPUs for a virtual service, use the **numcpu** command.

numcpu *cpu-number*

Syntax Description	<i>cpu-number</i> Number of CPU. The range is from 1 to 10.
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Defaults	None
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Command Modes	Virtual service blade configuration (config-vs-b-config)
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SupportedUserRoles	network-admin
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Command History	Release	Modification
	4.0(4)SP1(1)	This command was introduced.

Examples	<p>This example shows how to allocate 5 virtual CPU to VSM-1:</p> <pre>n1010# conf t n1010(config)# virtual-service-blade VSM-1 n1010(config-vs-b-config)# numcpu 5</pre>
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Related Commands	Command	Description
	virtual-service-blade	Creates the named virtual service and places you into configuration mode for that service.
ramsize	Modifies the memory allocated for RAM in the virtual service.	
description	Adds a description to the virtual service.	
show virtual-service-blade	Displays information about the virtual service blades.	

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