N Commands

This chapter describes the Cisco NX-OS Ethernet and virtual Ethernet commands that begin with N.

name (VLAN configuration)

To set the name for a VLAN, use the **name** command. To remove the user-configured name from a VLAN, use the **no** form of this command.

name *vlan-name*

no name

Syntax Description

vlan-name	Name of the VLAN; you can use up to 32 alphanumeric, case-sensitive characters. The default name is VLAN*xxxx* where *xxxx* represents four numeric digits (including leading zeroes) equal to the VLAN ID number (for example, VLAN0002).

Command Default

None

Command Modes

VLAN configuration mode

Command History

Release	Modification
5.2(1)N1(1)	This command was introduced.

Usage Guidelines

You cannot change the name for the default VLAN, VLAN 1, or for the internally allocated VLANs.

Examples

This example shows how to name VLAN 2:

```
switch(config)# vlan 2
switch(config-vlan)# name accounting
```

Related Commands

Command	Description
show vlan	Displays VLAN information.

name (MST configuration)

To set the name of a Multiple Spanning Tree (MST) region, use the **name** command. To return to the default name, use the **no** form of this command.

name *name*

no name *name*

Syntax Description

name	Name to assign to the MST region. It can be any string with a maximum length of 32 alphanumeric characters.

Command Default

None

Command Modes

MST configuration mode

Command History

Release	Modification
5.2(1)N1(1)	This command was introduced.

Usage Guidelines

Two or more switches with the same VLAN mapping and configuration version number are considered to be in different MST regions if the region names are different.

Caution Be careful when using the **name** command to set the name of an MST region. If you make a mistake, you can put the switch in a different region. The configuration name is a case-sensitive parameter.

Examples

This example shows how to name a region:

```
switch(config)# spanning-tree mst configuration
switch(config-mst)# name accounting
```

Related Commands

Command	Description
show spanning-tree mst configuration	Displays information about the MST protocol.
spanning-tree mst configuration	Enters MST configuration mode.

no switchport

To configure the interface as a Layer 3 Ethernet interface, use the **no switchport** command.

no switchport

Syntax Description

This command has no arguments or keywords.

Command Default

None

Command Modes

Interface configuration mode

Command History

Release	Modification
5.2(1)N1(1)	This command was introduced.

Usage Guidelines

You can configure any Ethernet port as a routed interface. When you configure an interface as a Layer 3 interface, any configuration specific to Layer 2 on this interface is deleted.

If you want to configure a Layer 3 interface for Layer 2, enter the **switchport** command. Then, if you change a Layer 2 interface to a routed interface, enter the **no switchport** command.

Examples

This example shows how to enable an interface as a Layer 3 routed interface:

```
switch(config)# interface ethernet 1/5
switch(config-if)# no switchport
switch(config-if)#
```

This example shows how to configure a Layer 3 interface as a Layer 2 interface:

```
switch(config)# interface ethernet 1/5
switch(config-if)# switchport
switch(config-if)#
```

Related Commands

Command	Description
copy running-config startup-config	Saves the running configuration to the startup configuration file.
interface ethernet (Layer 3)	Configures an Ethernet routed interface or subinterface.
inteface loopback	Configures a loopback interface.
interface port-channel	Configures an EtherChannel interface or subinterface.
ip address	Sets a primary or secondary IP address for an interface.
show interfaces	Displays interface information.