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## N Commands

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

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## 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**

<b>Syntax Description</b>	<i>vlan-name</i>	Name of the VLAN; you can use up to 32 alphanumeric, case-sensitive characters. The default name is VLANxxxx where xxxx represents four numeric digits (including leading zeroes) equal to the VLAN ID number (for example, VLAN0002).
<b>Command Default</b>	None	
<b>Command Modes</b>	VLAN configuration mode	
<b>Command History</b>	<b>Release</b>	<b>Modification</b>
	4.0(0)N1(1a)	This command was introduced.
<b>Usage Guidelines</b>	You cannot change the name for the default VLAN, VLAN 1, or for the internally allocated VLANs.	
<b>Examples</b>	<p>This example shows how to name VLAN 2:</p> <pre>switch(config)# <b>vlan 2</b> switch(config-vlan)# <b>name accounting</b></pre>	
<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>show vlan</b>	Displays VLAN information.

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## 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

<i>name</i>	Name to assign to the MST region. It can be any string with a maximum length of 32 alphanumeric characters.
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### Command Default

None

### Command Modes

MST configuration mode

### Command History

Release	Modification
4.0(0)N1(1a)	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
<b>show spanning-tree mst configuration</b>	Displays information about the MST protocol.
<b>spanning-tree mst configuration</b>	Enters MST configuration mode.

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# no switchport

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

**no switchport**

<b>Syntax Description</b>	This command has no arguments or keywords.
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<b>Command Default</b>	None
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<b>Command Modes</b>	Interface configuration mode
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Command History	Release	Modification
	5.0(3)N1(1)	This command was introduced.

<b>Usage Guidelines</b>	<p>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.</p> <p>If you want to configure a Layer 3 interface for Layer 2, enter the <b>switchport</b> command. Then, if you change a Layer 2 interface to a routed interface, enter the <b>no switchport</b> command.</p>
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<b>Examples</b>	<p>This example shows how to enable an interface as a Layer 3 routed interface:</p>
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```
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
	<b>copy running-config startup-config</b>	Saves the running configuration to the startup configuration file.
	<b>interface ethernet (Layer 3)</b>	Configures an Ethernet routed interface or subinterface.
	<b>interface loopback</b>	Configures a loopback interface.
	<b>interface port-channel</b>	Configures an EtherChannel interface or subinterface.
	<b>ip address</b>	Sets a primary or secondary IP address for an interface.
	<b>show interfaces</b>	Displays interface information.

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■ no switchport

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