



# U Commands

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This chapter describes the Cisco NX-OS quality of service (QoS) commands that begin with U.

# untagged cos

To override the class of service (CoS) value for the selected interface, use the **untagged cos** command. To revert to the defaults, use the **no** form of this command.

**untagged cos** *cos-value*

**no untagged cos** *cos-value*

<b>Syntax Description</b>	<i>cos-value</i>	Class of service (CoS) value for untagged frames. Values can range from 1 to 7.
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<b>Command Default</b>	None
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<b>Command Modes</b>	Interface configuration mode Subinterface configuration mode Virtual Ethernet interface configuration mode
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<b>Command History</b>	<b>Release</b>	<b>Modification</b>
	5.2(1)N1(1)	This command was introduced.

**Usage Guidelines** You can use this command on the following interfaces:

- Layer 2 interface
- Layer 3 interface



**Note** Use the **no switchport** command to configure an interface as a Layer 3 interface.

- Virtual Ethernet interface



**Note** Use the **feature-set virtualization** command to enable the Cisco Adapter Fabric Extender (Adapter-FEX) on the switch. Use the **interface vethernet** command to configure a virtual Ethernet interface.

Ethernet frames received with no CoS value are given a CoS value of 0.

On a Cisco Nexus 5548 switch, you can configure a type qos policy map and untagged CoS on the same interface.

**Examples** This example shows how to set the CoS value to 4 for untagged frames received on an interface:

```
switch# configure terminal
switch(config)# interface ethernet 1/2
```

```
switch(config-if)# untagged cos 4
```

This example shows how to set the CoS value to 3 for untagged frames received on a Layer 3 interface:

```
switch# configure terminal
switch(config)# interface ethernet 1/5
switch(config-if)# no switchport
switch(config-if)# untagged cos 3
switch(config-if)#
```

This example shows how to set the CoS value to 5 for untagged frames received on a virtual Ethernet interface:

```
switch# configure terminal
switch(config)# feature adapter-fex
Virtualization Plugin license checked out successfully
Virtualization Plugin extracted successfully
All Virtualization processes enabled successfully
switch(config)# interface vethernet 10
switch(config-if)# untagged cos 5
switch(config-if)#
```

#### Related Commands

Command	Description
<b>feature-set virtualization</b>	Enables the Cisco Virtual Machine features on the switch.
<b>interface vethernet</b>	Configures a virtual Ethernet interface.
<b>match cos</b>	Sets the CoS value to match for the selected class.
<b>no switchport</b>	Configures an interface as a Layer 3 routed interface.
<b>show interface untagged-cos</b>	Displays the untagged CoS values for interfaces.

