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U Commands

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

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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*

Syntax Description

<i>cos-value</i>	Class of service (CoS) value for untagged frames. Values can range from 1 to 7.
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Command Default

None

Command Modes

Interface configuration mode
Subinterface configuration mode
Virtual Ethernet interface configuration mode

Command History

Release	Modification
4.0(1a)N1(1)	This command was introduced.
5.0(2)N1(1)	Support to configure a type qos policy map and untagged cos on the same interface was added for Cisco Nexus 5548 switches.
5.0(3)N1(1)	Support for Layer 3 interfaces was added.
5.1(3)N1(1)	Support for virtual Ethernet interfaces was added.

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 that runs Cisco NX-OS 5.0(2)N1(1), you can configure a type qos policy map and untagged CoS on the same interface.

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

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