



## W Commands

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

## wrr-queue cos-map

To map assigned class of service (CoS) values to select one of the egress queues, use the **wrr-queue cos-map** command. To return the CoS map to the default setting, use the **no** form of this command.

```
wrr-queue cos-map queue-id cos1 ... cos8
```

```
no wrr-queue cos-map queue-id cos1 ... cos8
```

### Syntax Description

|                     |   |
|---------------------|---|
| <i>queue-id</i>     | ID of the egress queue. The range is from 0 to 3.   |
| <i>cos1... cos8</i> | CoS values that are mapped to select a queue. Enter up to eight CoS values. Separate each value with a space. The range is from 0 to 7. |

### Command Default

The defaults are as follows:

- Receive queue 0 and transmit queue 0: CoS 0 and 1.
- Receive queue 1 and transmit queue 1: CoS 2 and 3.
- Receive queue 2 and transmit queue 2: CoS 4 and 5.
- Receive queue 3 and transmit queue 3: CoS 6 and 7.

### Command Modes

Global configuration mode

### Command History

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

### Usage Guidelines



#### Note

This command is applicable only to Layer 3 multicast traffic.

You can use this command to distribute traffic into different queues, where each queue is configured with different weighted round robin (WRR) parameters.

You can configure a maximum of four multicast queues for Layer 3 multicast traffic. We recommend that you configure at least one class of service (CoS) value for each multicast queue.

### Examples

This example shows how to map CoS values 0 and 1 to queue 1:

```
switch(config)# wrr-queue cos-map 1 0 1
switch(config)#
```

| Related Commands | Command                           | Description  |
|------------------|-----------------------------------|--|
|                  | <b>show wrr-queue<br/>cos-map</b> | Displays the weighted round-robin (WRR) queue information. |

