W Commands

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

queue-id	ID of the egress queue. The range is from 0 to 3.
cos1... cos8	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
5.0(3)N1(1)	This command was introduced.

Usage Guidelines

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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
	show wrr-queue cos-map	Displays the weighted round-robin (WRR) queue information.