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B Commands

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

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bandwidth (QoS)

To allocate a minimum percentage of the interface bandwidth to a queue and configure the bandwidth on both ingress and egress queues, use the **bandwidth** command. To remove a bandwidth configuration, use the **no** form of this command.

bandwidth percent *percent*

no bandwidth percent *percent*

Syntax Description

percent	Specifies the percentage of bandwidth of the underlying link rate.
<i>percent</i>	Percent value. The range is from 0 to 100.

Command Default

Default bandwidth rate is kbps.

Command Modes

Policy map type queuing class configuration

Command History

Release	Modification
4.1(3)N1(1)	This command was introduced.

Examples

This example shows how to set the bandwidth for the specified queue:

```
switch(config)# policy-map type queuing my_policy1
switch(config-pmap-que)# class type queuing 1p7q4t-out-pq1
switch(config-pmap-c-que)# bandwidth percent 25
switch(config-pmap-c-que)#
```

This example shows how to remove the bandwidth for the specified queue:

```
switch(config)# policy-map type queuing my_policy1
switch(config-pmap-que)# class type queuing 1p7q4t-out-pq1
switch(config-pmap-c-que)# no bandwidth percent 25
switch(config-pmap-c-que)#
```

Related Commands

Command	Description
show class-map	Displays class maps.
show policy-map	Displays policy maps.