

QoS Configuration Commands

This section contains descriptions of the Layer2 and Layer3 QoS configuration commands that this chapter references.

- class-of-service classifier <classifier-name>
- class-of-service classifier <classifier-name> forwarding-class <forwarding-class-name> code-point <code-point>
- class-of-service classifier <classifier-name> trust-mode <trust-mode>
- class-of-service forwarding-class <forwarding-class-name> local-priority <local-priority>
- class-of-service interface <port> classifier <classifier-name>
- class-of-service scheduler <scheduler-name> guaranteed-rate <guaranteed-rate>
- class-of-service scheduler <scheduler-name> mode SP
- class-of-service scheduler <scheduler-name> mode WFQ
- class-of-service scheduler <scheduler-name> mode WRR
- class-of-service scheduler <scheduler-name> weight <weight-id>
- class-of-service scheduler-profile <scheduler-profile-name> forwarding-class <forwarding-class-name> schedule <schedule-name>
- show class-of-service <text>
- set class-of-service interface scheduler-profile
- class-of-service interface <port> default-priority <default-priority-type> <default-priority-int>
- class-of-service pfc-profile <profile-name> code-point <code-point> drop <boolean>
- class-of-service interface <port> pfc-profile <profile-name>
- set firewall filter sequence then dscp
- set class-of-service scheduler max-rate
- CoPP Commands
 - set class-of-service forwarding-class local-priority
 - set class-of-service scheduler max-bandwidth-pps
 - set class-of-service scheduler min-bandwidth-pps
 - set class-of-service scheduler-profile copp-profile forwarding-classes scheduler
 - set class-of-service scheduler weight
 - set firewall filter copp sequence from destination-address-ipv4
 - set firewall filter copp sequence from destination-address-ipv6
 - set firewall filter copp sequence from destination-mac-address
 - set firewall filter copp sequence from destination-port
 - set firewall filter copp sequence from ether-type
 - set firewall filter copp sequence from protocol
 - set firewall filter copp sequence from source-address-ipv4
 - set firewall filter copp sequence from source-address-ipv6
 - set firewall filter copp sequence from source-mac-address
 - set firewall filter copp sequence from source-port
 - set firewall filter copp sequence from vlan
 - set firewall filter copp sequence then forwarding-class
 - set firewall filter copp sequence then dscp
 - run show copp bandwidth
 - run show copp statistics
 - run show filter copp
 - run show interface stm
 - run clear copp statistics
- Buffer Management Commands
 - set interface ethernet-switching-options buffer egress-queue shared-ratio
 - set interface ethernet-switching-options buffer egress-queue mc-queue-dynamic-shared
 - run show gigabit-ethernet egress-queues
 - run show interface egress-buffer
- Interface-based Rate Limiting Commands
 - set interface gigabit-ethernet rate-limiting ingress kilobits
 - set interface gigabit-ethernet rate-limiting ingress ratio
 - set interface gigabit-ethernet rate-limiting ingress burst
 - set interface gigabit-ethernet rate-limiting egress kilobits
 - set interface gigabit-ethernet rate-limiting egress ratio
 - set interface gigabit-ethernet rate-limiting egress burst
- ACL-based Traffic Policer Commands
 - set firewall policer if-exceeding count-mode
 - set firewall policer if-exceeding rate-limit
 - set firewall policer if-exceeding burst-limit
 - set firewall filter sequence then policer
 - set firewall policer if-exceeding action discard
 - run show policer