Configure Low Latency Optimization on Egress Queue 5

Low latency optimization is supported on 513x, 5164, 5166, 5168 and 811x platforms only. Low latency optimization, when configured, optimizes the latency performance of an egress queue. Low

latency optimization is configured on a congestion avoidance profile that is then assigned to an egress queue.

***Objective:***

The objective of this test is to configure low latency optimization on queue 5.

***Procedure:***

* Configure a low latency optimized congestion avoidance profile:

egress-qos

congestion-avoidance-profile cap\_1

type wred config-form custom drop-rate-exponent 1 max-queue-depth **low- latency-optimized**

curve 1 lower-threshold 100 upper-threshold 100 max-drop-probability

100

curve 2 lower-threshold 50 upper-threshold 100 max-drop-probability 100

* Assign the congestion avoidance profile to queue 5:

egress-qos

queue-group-profile qgp5 cos-queue-map cqm

queue 5

congestion-avoidance-profile cap\_1

Test Case Results:

Passed: Yes No Verified by Date/Time Comments