New and Changed QoS Features

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Table 1: QoS Features Added or Modified in IOS XR Release 7.2.x

Feature	Description	Changed in Release	Where Documented
Ability to set burst for egress shaping	You can now configure peak burst size for egress shaping. This gives your router interface the ability to manage the traffic burst for a particular traffic class such that the peer node can accommodate the burst and does not drop packets either due to lower burst policing or due to shorter queue depth.	Release 7.2.1	Traffic Shaping
Conform Aware Hierarchical Policy	With this feature, the parent policer is prevented from dropping any conform traffic from child policers, thus increasing traffic throughput and efficiency.	Release 7.2.1	Conform Aware Hierarchical Policy Overview
Shared Policer	With this feature, you can now share a policer bucket amongst two or more classes. You can also view the statistics in aggregated mode or per-class mode.	Release 7.2.1	Shared Policer

Feature	Description	Changed in Release	Where Documented
Cisco NC57 Compatible Mode DSCP Preservation	This feature is now also supported on routers that have Cisco NC57 line cards installed and are operating in compatibility mode.	Release 7.2.2	Conditional Marking of MPLS Experimental bits for L3VPN Traffic