



New and Changed QoS Features

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Table 1: QoS Features Added or Modified in IOS XR Release 7.1.x

Feature	Description	Changed in Release	Where Documented
Ingress Classification and Ingress and Egress Marking on L3 Subinterfaces	You can now classify packets at the ingress on L3 sub-interfaces and perform Layer 2 marking of Ethernet packets for (CoS, DEI) for IPv4, IPv6, and MPLS flows.	Release 7.1.1	QoS L2 Re-Marking of Ethernet Packets on L3 Flows in Egress Direction on L3 sub-interfaces
Ingress Short-Pipe Mode to Set DSCP	With this feature, in addition to setting ingress action such as traffic class and QoS group, you can also mark DSCP in the packet header at ingress.	Release 7.1.1	Ingress Short-Pipe
Set discard-class to Drop Packets at Ingress	With the introduction of this feature, if you now set a discard-class of 3, the packet is dropped at ingress itself.	Release 7.1.1	Packet Marking
Set QoS-group and DSCP at Ingress	With the introduction of this feature, you can set both qos-group and DSCP values within the same QoS policy that is applied in the ingress direction.	Release 7.1.2	Setting QoS-group and DSCP at Ingress

