# New and Changed QoS Features

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Table 1: QoS Features Added or Modified in IOS XR Release 7.3.x

| Feature | Description | Changed in Release | Where Documented |
|---|---|---|---|
| Equitable Traffic Flow Using Fair VOQ | Configuring this feature ensures that ingress traffic from various source ports on every network slice of an NPU is assigned a unique virtual output queue (VOQ) for every source port and destination port pair. | Release 7.3.3 | Equitable Traffic Flow Using Fair VOQ |
| Improve ACL Scaling Using Peering QoS | This feature merges the functions of QoS and security access control lists (ACLs). This combination enables using the ACL filter with the Object Group ACL, which provides a vastly improved ACL scale due to much lower TCAM usage. | Release 7.3.2 | Improve ACL Scaling Using Peering QoS |

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|---|---|---|---|
| QoS Policy Inheritance | The functionality is based on an inheritance model, where you create and apply a QoS policy to a main interface. The subinterfaces that are attached to the main interface automatically inherit the policy. | Release 7.3.15 | QoS Policy Inheritance |
| Priority Flow Control Support on Cisco 8800 36x400 GbE QSFP56-DD Line Cards (88-LC0-36FH-M) | These line cards support the Priority Flow Control feature. | Release 7.3.15 | Priority Flow Control Overview |
| QoS Behavior for Generic Routing (GRE) Tunnels | With the introduction of support for GRE encapsulation and decapsulation tunnel interfaces, there are some important updates to QoS behavior for GRE tunnels during encapsulation and decapsulation. | Release 7.3.1 | Default Marking and Packet Marking |