

New and Changed Information

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This table summarizes the new and changed features for the *Cisco Nexus 9000 Series NX-OS Quality of Service Configuration Guide, Release 10.6(x)* and where they are documented.

Table 1: New and Changed Features

Feature	Description	Changed in Release	Where Documented
Interface QoS support for QoS classification policies	Added interface QoS support for QoS classification policies on Cisco Nexus 9300-SE1 Series switches and N9300 Smart switches.	10.6(3)F	Guidelines and Limitations for Classification
QoS support on Cisco Nexus 9164E-NS4-O switch	Added support for these features on Cisco Nexus 9164E-NS4-O switches: • QoS classification • Queuing and scheduling • Buffer carving • PFC • QoS statistics • RoCEv2	10.6(2n)	Guidelines and Limitations for Classification Guidelines and Limitations for Queuing and Scheduling chapter12.pdf#nameddest=unique_ 14 unique_14_Connect_42_ spectrum Guidelines and Limitations for Monitoring QoS Statistics

Feature	Description	Changed in Release	Where Documented
QoS support on Cisco N9300 Smart switches	Added support for these features on Cisco N9324C-SE1U and N9348Y2C6D-SE1U Smart switches: • QoS classification • Queuing and scheduling • QoS statistics	10.6(2)F	Guidelines and Limitations for Classification Guidelines and Limitations for Queuing and Scheduling Guidelines and Limitations for Monitoring QoS Statistics
QoS support on Cisco Nexus 9300-SE1 Series switches	Added support for these features on Cisco Nexus 9300-SE1 Series switches: • QoS classification • Queuing and scheduling • QoS statistics	10.6(2)F	Guidelines and Limitations for Classification Guidelines and Limitations for Queuing and Scheduling Guidelines and Limitations for Monitoring QoS Statistics
Policy-driven DLB on CloudScale switches	Added support for policy-driven DLB mode on 9300-FX3, -GX, -GX2, -H1, and -H2R CloudScale TORs.	10.6(2)F	Configure Policy-driven Dynamic Load Balancing
Base Transport Header (BTH) matching QoS policy - Layer 2	Added support for RoCEv2 filters (BTH QoS policy) on Layer 2 interfaces of Cisco Nexus 9364E-SG2 Series switches.	10.6(2)F	RoCEv2 header filter Guidelines and Limitations for Classification
Queuing and scheduling support on Cisco Nexus 9336C-SE1 switch	Added support for Queuing and scheduling on Cisco Nexus 9336C-SE1 switches.	10.6(1)F	Guidelines and Limitations for Queuing and Scheduling

Feature	Description	Changed in Release	Where Documented
1R2C egress policer support on subinterface	Egress QoS policies are supported on subinterfaces of Layer 3 physical interfaces, port channels, and breakout ports of Cisco Nexus 9300-FX/FX2/FX3/GX/GX2/H2R/H1 Series switches, and 9500 Series switches with Nexus X97160YC-EX, 9700-FX/FX3/GX line cards.	10.6(1)F	Guidelines and Limitations for Policing
Base Transport Header (BTH) matching QoS policy	Added RoCEv2 header filter options to provide precise traffic filtering for the RoCEv2 protocol, enhancing Layer 3 QoS for Dynamic Load Balancing (DLB) on Cisco Nexus 9364E-SG2 Series switches.	10.6(1)F	RoCEv2 header filter Guidelines and Limitations for Classification Configure RoCEv2 filters Commands for classification configuration verification

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