



## New and Changed Information

**Table 1: New and Changed Information**

Feature	Description	ASR 903 RSP1	ASR 903 RSP2	ASR 902	Where Documented
Support for MLPPP on Serial Interfaces	Ingress and Egress QoS on MLPPP is supported on serial interfaces	Cisco IOS XE Release 3.13	Cisco IOS XE Release 3.15	Cisco IOS XE Release 3.12	<a href="#">QoS Support Overview</a>
Service groups	The Service groups feature allows you to create service groups and apply aggregate features to those service groups.	Cisco IOS XE Release 3.11		Cisco IOS XE Release 3.12	<a href="#">Service Groups</a>
Dissimilar PHB support for Egress and Ingress MPLS and VPLS interfaces.	Support for PHB support on Egress and Ingress MPLS and VPLS access interfaces.	Cisco IOS XE Release 3.11		Cisco IOS XE Release 3.12	<a href="#">Dissimilar PHB Support for MPLS and VPLS Interfaces</a>
Hierarchical QoS Hierarchical color-aware policer	hierarchical QoS policies with up to three levels, allowing for a high degree of granularity in traffic management.	Cisco IOS XE Release 3.6	Cisco IOS XE Release 3.15	Cisco IOS XE Release 3.12	<a href="#">Ingress and Egress Hierarchical Policing</a>

Feature	Description	ASR 903 RSP1	ASR 903 RSP2	ASR 902	Where Documented
<ul style="list-style-type: none"> <li>MQC Limitations</li> <li>Support for <b>police</b> and <b>set</b> commands in same class-map.</li> </ul>	<p>Lists the MQC scaling limitations on the router.</p> <p>Police and set can be configured on same egress policy class-map.</p>	Cisco IOS XE Release 3.10	Cisco IOS XE Release 3.13	Cisco IOS XE Release 3.12	<a href="#">QoS Features Using MQC Limitations</a> <a href="#">Egress Policing Limitations</a>
Support for QoS policies on layer 3 Etherchannel interfaces.	Ingress and Egress QoS policies are supported on Etherchannel.	Cisco IOS XE Release 3.9		Cisco IOS XE Release 3.12	<a href="#">Etherchannel QoS Limitations</a>
QoS on Serial TDM interface	QoS is supported on serial TDM interfaces.	Cisco IOS XE Release 3.9		Cisco IOS XE Release 3.12	<a href="#">Additional Marking Limitations</a>
QoS Classification based on EFP	QoS Classification based on EFP is supported.	Cisco IOS XE Release 3.9	Cisco IOS XE Release 3.13	Cisco IOS XE Release 3.12	<a href="#">Restrictions for Egress QoS</a> <a href="#">Restrictions for Ingress QoS</a>
QoS EXP Marking for Ingress on TDM and ATM PW	EXP Marking for Ingress on TDM and ATM Psuedowires	Cisco IOS XE Release 3.9		Cisco IOS XE Release 3.12	<a href="#">Additional Marking Limitations</a>
QoS Support on POS on OC3 IM	Egress QoS is supported Packet over Sonet (POS).	Cisco IOS XE Release 3.8	Cisco IOS XE Release 3.14	Cisco IOS XE Release 3.12	<a href="#">QoS Support Overview</a>
Support for QoS matching on Ethernet service instances	Match EFP is supported on service instances.	Cisco IOS XE Release 3.8		Cisco IOS XE Release 3.12	<a href="#">Traffic Classification Using Match EFP Service Instance Feature</a>

Feature	Description	ASR 903 RSP1	ASR 903 RSP2	ASR 902	Where Documented
Support for QoS features on egress MLPPP interfaces  Support for QoS features on ingress MLPPP interfaces	Egress QoS is supported on MLPPP interfaces.	Cisco IOS XE Release 3.7.1  Cisco IOS XE Release 3.13		Cisco IOS XE Release 3.12	<a href="#">Traffic Classifying on MLPPP Interfaces</a>  <a href="#">Traffic Policing on MLPPP Interfaces</a>  <a href="#">Support for Queuing Features on MLPPP Interfaces</a>  <a href="#">Egress Congestion Avoidance on MLPPP Interfaces</a>  <a href="#">Egress Scheduling on MLPPP Interfaces</a>
Support for Egress Policing	Egress policy is supported.	Cisco IOS XE Release 3.6	Cisco IOS XE Release 3.13	Cisco IOS XE Release 3.12	<a href="#">Egress Policing Limitations</a>
EFP QoS Support	QoS is supported on EFPs.	Cisco IOS XE Release 3.6	Cisco IOS XE Release 3.13	Cisco IOS XE Release 3.12	<a href="#">QoS Support Overview</a>
QoS ACLs	QoS ACLs are supported.	Cisco IOS XE Release 3.5		Cisco IOS XE Release 3.12	<a href="#">Example for Configuration of IPv6 ACL</a>  <a href="#">Classifying Traffic using an Access Control List</a>

