



## New and Changed Information

**Table 1: New and Changed Features**

Feature	Description	ASR 903 RSP1 Module	ASR903 RSP2 Module	ASR 902	Where Documented
Multicast	This feature provides an overview of IP multicast features for the Cisco ASR 900 Series Routers.	Cisco IOS XE Release 3.8S	Cisco IOS XE Release 3.13S	Cisco IOS XE Release 3.12S	<a href="#">Information About Configuring Basic IP Multicast</a>
SSM SSM Mapping	Source Specific Multicast (SSM). SSM is an extension of IP multicast where datagram traffic is forwarded to receivers from only those multicast sources that the receivers have explicitly joined.	Cisco IOS XE Release 3.8S	Cisco IOS XE Release 3.13S	Cisco IOS XE Release 3.12S	<a href="#">SSM Overview</a>
Multicast Source Discovery Protocol (MSDP) IGMP State Limit		Cisco IOS XE Release 3.8S	Cisco IOS XE Release 3.13S	Cisco IOS XE Release 3.12S	
Protocol Independent Multicast (PIM)	The Protocol Independent Multicast (PIM) protocol maintains the current IP multicast service mode of receiver-initiated membership.	Cisco IOS XE Release 3.5S	Cisco IOS XE Release 3.13S	Cisco IOS XE Release 3.12S	<a href="#">Protocol Independent Multicast</a>

Feature	Description	ASR 903 RSP1 Module	ASR903 RSP2 Module	ASR 902	Where Documented
IGMP Snooping	This feature enables and configures the Ethernet Virtual Connection (EVC)-based IGMP Snooping feature globally and on bridge domains.	Cisco IOS XE Release 3.10S	NA	Cisco IOS XE Release 3.12S	<a href="#">IGMP Snooping</a>
IPv6 Multicast Listener Discovery Protocol (MLD)	This feature is used by IPv6-enabled routers to discover multicast listeners on directly attached links.	Cisco IOS XE Release 3.11S	NA	Cisco IOS XE Release 3.12S	<a href="#">Information About IPv6 Multicast Listener Discovery Protocol</a>
IPv6 Multicast: PIM v6 Source-Specific Multicast PIM Sparse Mode (PIM-SM) PIM Embedded RP Support PIM Accept Register	<p>The PIM source-specific multicast (SSM) routing protocol supports SSM implementation and is derived from PIM-SM on the Cisco ASR 900 Series router.</p> <p>IPv6 multicast provides support for intradomain multicast routing using PIM sparse mode (PIM-SM).</p> <p>IPv6 PIM provides embedded RP support.</p> <p>IPv6 multicast supports the PIM accept register feature, which is the ability to perform PIM-SM register message filtering at the RP.</p>	Cisco IOS XE Release 3.11S	NA	Cisco IOS XE Release 3.12S	<a href="#">PIM-Source Specific Multicast</a> <a href="#">Configuring IPv6 SSM</a> <a href="#">PIM-Sparse Mode</a> <a href="#">Configuring PIM-SM and Displaying PIM-SM Information for a Group Range</a> <a href="#">Rendezvous Point</a> <a href="#">Disabling Embedded RP Support in IPv6 PIM</a> <a href="#">Rendezvous Point</a> <a href="#">Configuring PIM Options</a>
Multicast VPN (MVPN)	The Multicast VPN (MVPN) feature provides the ability to support multicast over a Layer 3 Virtual Private Network (VPN).	Cisco IOS XE Release 3.9S	NA	Cisco IOS XE Release 3.12S	<a href="#">Configuring Multicast VPN</a>