



New and Changed Information for Segment Routing Features

This table summarizes the new and changed feature information for the *Segment Routing Configuration Guide for Cisco NCS 5500 Series Routers*, and lists where they are documented.

- [New and Changed Segment Routing Features](#) , on page 1

New and Changed Segment Routing Features

Segment Routing Features Added or Modified in IOS XR Release 7.0.x

Feature	Description	Introduced/Changed in Release	Where Documented
SRv6 IS-IS Microloop Avoidance	This feature is introduced.	Release 7.0.2	Configuring SRv6 IS-IS Microloop Avoidance
SRv6 IS-IS Flexible Algorithm	This feature is introduced.	Release 7.0.2	Configuring SRv6 IS-IS Flexible Algorithm
SRv6 TI-LFA Node and Shared Risk Link Groups Protection	This feature is introduced.	Release 7.0.2	Configuring SRv6 IS-IS TI-LFA
SRv6 Services: L3VPN VPNv4 Active-Active Redundancy	This feature is introduced.	Release 7.0.2	#unique_10
SRv6 Services: EVPN VPWS — All-Active Multi-Homing	This feature is introduced.	Release 7.0.2	SRv6 Services: EVPN VPWS — All-Active Multi-Homing
SRv6 Services: EVPN VPWS — IPv6 QoS Traffic-Class Marking	This feature is introduced.	Release 7.0.2	SRv6 Services: EVPN VPWS — IPv6 QoS Traffic-Class Marking

Feature	Description	Introduced/Changed in Release	Where Documented
SRv6 Services: SRv6 Services TLV Type 5 Support	This feature is introduced.	Release 7.0.2	SRv6 Services: SRv6 Services TLV Type 5 Support
SRv6 SID Information in BGP-LS Reporting	This feature is introduced.	Release 7.0.2	SRv6 SID Information in BGP-LS Reporting
SRv6 OAM — SID Verification	This feature is introduced.	Release 7.0.2	SRv6 OAM — SID Verification
SRv6 Services: BGP Global IPv4	This feature is introduced.	Release 7.0.2	SRv6 Services: BGP Global IPv4
Anycast SID-Aware Path Computation	This feature is introduced.	Release 7.0.1	Anycast SID-Aware Path Computation
SR-TE MPLS Label Imposition Enhancement	This feature is introduced.	Release 7.0.1	SR-TE MPLS Label Imposition Enhancement
IS-IS Flexible Algorithm Prefix-SID Redistribution	This feature is introduced.	Release 7.0.1	Flexible Algorithm Prefix-SID Redistribution
OSPF Flexible Algorithm	This feature is introduced.	Release 7.0.1	Configuring Flexible Algorithm
SR-TE Policy Tracking up to 256 Link Colors for Affinity	This enhancement increases the number of color names you can assign on the head-end router from 32 to 256.	Release 7.0.1	Configure SR-TE Policies