



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 ASR 9000 Aggregation Services Routers*, and lists where they are documented.

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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 TI-LFA with link, node, and Shared Risk Link Groups (SRLG) protection	This feature is introduced.	Release 7.0.2	Configuring SRv6 IS-IS TI-LFA
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 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
Anycast SID-Aware Path Computation	This feature is introduced.	Release 7.0.1	Anycast SID-Aware Path Computation

Feature	Description	Introduced/Changed in Release	Where Documented
Segment Routing Tree Segment Identifier (Tree-SID)	This feature is introduced.	Release 7.0.1	Segment Routing Tree Segment Identifier
SR Policy End-to-End Delay Measurement	This feature is introduced.	Release 7.0.1	Configure Performance Measurement
Segment Routing Data Plane Monitoring	This feature is introduced.	Release 7.0.1	Segment Routing Data Plane Monitoring
OSPF Flexible Algorithm	This feature is introduced.	Release 7.0.1	Configuring Flexible Algorithm
IS-IS Flexible Algorithm TI-LFA and Microloop Avoidance	This feature is introduced.	Release 7.0.1	Calculation of Flexible Algorithm Path
IS-IS Flexible Algorithm Prefix-SID Redistribution	This feature is introduced.	Release 7.0.1	Flexible Algorithm Prefix-SID Redistribution
SR-TE-Services: EVPN (EVPN & EVPN-VPWS multi-homing) On-Demand Next Hop	This feature is introduced.	Release 7.0.1	On-Demand SR Policy – SR On-Demand Next-Hop
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