



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 8000 Series 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 7.5.x

Feature	Description	Introduced/Changed in Release	Where Documented
IPv6 Autoroute Include Support for an SR-TE Policy with an IPv4 Endpoint	This feature is introduced.	Release 7.5.4	Autoroute Include
Segment Routing Encap Object Optimization	This feature is introduced.	Release 7.5.4	Segment Routing Encapsulation Object Optimization
Disable Penultimate-Hop-Popping (PHP)	This feature is introduced.	Release 7.5.4	Configuring a Prefix-SID on the IS-IS Enabled Loopback Interface
Wide LIB uSID Allocation for End.DT46 SRv6 SIDs	This feature is introduced.	Release 7.5.3	SRv6 uSID Allocation Within a uSID Block
SRv6 Provider Edge (PE) Lite	This feature is introduced.	Release 7.5.3	SRv6 Provider Edge (PE) Lite Support
Explicit End.DT46 SRv6 SIDs	This feature is introduced.	Release 7.5.3	Configuring Explicit End.DT46 SRv6 SIDs

Feature	Description	Introduced/Changed in Release	Where Documented
Configuring Explicit SRv6 uSID Allocation Start Range	This feature is introduced.	Release 7.5.3	Configuring Explicit SRv6 uSID Allocation Start Range
Seamless BFD - Reflector Mode	This feature is introduced.	Release 7.5.3	Configure Seamless Bidirectional Forwarding Detection
SRv6 with Micro-Segment (uSID)	This feature is introduced.	Release 7.5.2	Configure Segment Routing over IPv6 (SRv6) with Micro-SIDs
SRv6 with Full-Length SIDs	This feature is introduced.	Release 7.5.2	Configure Segment Routing over IPv6 (SRv6) with Full-Length SIDs
Segment Routing Traffic Engineering (SR-TE)	This feature is introduced.	Release 7.5.2	Configure SR-TE Policies
Flexible Algorithm Prefix-SID Redistribution for External Route Propagation	The feature was modified.	Release 7.5.2	Flexible Algorithm Prefix-SID Redistribution
BGP Best Path Computation using SR Policy Paths	This feature is introduced.	Release 7.5.2	BGP Best Path Computation using SR Policy Paths
Flexible Algorithm to Exclude SRLGs for OSPF	The feature was modified.	Release 7.5.2	Configuring Flexible Algorithm with Exclude SRLG Constraint
SR Policy End-to-End Delay Measurement	The feature was modified.	Release 7.5.2	SR Policy End-to-End Delay Measurement
SR Policy Liveness Monitoring	The feature was modified.	Release 7.5.2	SR Policy Liveness Monitoring
SR Performance Measurement Named Profiles	The feature was modified.	Release 7.5.2	Link Delay Measurement
SR Performance Measurement: Loopback Measurement Mode	The feature was modified.	Release 7.5.2	Measurement Modes