



## 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.

- [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 7.5.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	<a href="#">Autoroute Include</a>
Segment Routing Encap Object Optimization	This feature is introduced.	Release 7.5.4	<a href="#">Segment Routing Encapsulation Object Optimization</a>
Disable Penultimate-Hop-Popping (PHP)	This feature is introduced.	Release 7.5.4	<a href="#">Configuring a Prefix-SID on the IS-IS Enabled Loopback Interface</a>
Wide LIB uSID Allocation for End.DT46 SRv6 SIDs	This feature is introduced.	Release 7.5.3	<a href="#">SRv6 uSID Allocation Within a uSID Block</a>
SRv6 Provider Edge (PE) Lite	This feature is introduced.	Release 7.5.3	<a href="#">SRv6 Provider Edge (PE) Lite Support</a>
Explicit End.DT46 SRv6 SIDs	This feature is introduced.	Release 7.5.3	<a href="#">Configuring Explicit End.DT46 SRv6 SIDs</a>

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