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.

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
Sharing the Extended Label Switch Path Array	This feature is introduced.	Release 7.5.4	Sharing the Extended Label Switch Path Array
SRv6-Services: EVPN ELAN Layer 2 Gateway With Automated Steering To Flexible Algorithm Paths	This feature is introduced.	Release 7.5.2	SRv6-Services: EVPN ELAN Layer 2 Gateway With Automated Steering To Flexible Algorithm Paths
SRv6: Ultimate Segment Decapsulation (USD) on Full-length SIDs	This feature is introduced.	Release 7.5.2	SRv6 Endpoint Behavior Variants
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 Prefix-SID Redistribution for External Route Propagation	This feature is modified.	Release 7.5.2	Flexible Algorithm Prefix-SID Redistribution

Feature	Description	Introduced/Changed in Release	Where Documented
Flexible Algorithm to Exclude SRLGs for OSPF	This feature is modified.	Release 7.5.2	Flexible Algorithm with Exclude SRLG Constraint
Per-Prefix SRv6 Locator Assignment	This feature is introduced.	Release 7.5.1	SRv6 Services: IPv4 L3VPN
Support for iBGP as PE-CE protocol	This feature is introduced.	Release 7.5.1	SRv6 Services: IPv4 L3VPN
BGP Route Leaking	This feature is introduced.	Release 7.5.1	SRv6 Services: IPv4 L3VPN
IS-IS Flexible Algorithm: Exclude-SRLG Constraint	This feature is introduced.	Release 7.5.1	Flexible Algorithm with Exclude SRLG Constraint
Prefix Metric support for OSPF Flexible Algorithm	This feature is introduced.	Release 7.5.1	Flexible Algorithm Prefix Metric
SR-PCE: Stateful North-Bound API for Tree-SID	This feature is introduced.	Release 7.5.1	Configuring the North-Bound API on SR-PCE
SR-PCE: Single PCE scale enhancement	This enhancement is introduced.	Release 7.5.1	Configure Segment Routing Path Computation Element