

Segment Routing Traffic Engineering Commands

This chapter describes the commands used to configure and use Segment Routing Traffic Engineering (SR-TE).

To use commands of this module, you must be in a user group associated with a task group that includes appropriate task IDs. If the user group assignment is preventing you from using any command, contact your AAA administrator for assistance.

- affinity-map, on page 2
- autoroute include ipv6 all, on page 3
- bgp prefix-path-label ignore, on page 4
- binding-sid, on page 5
- distribute link-state (SRTE), on page 6
- distribute link-state, on page 7
- hw-module profile cef sropt enable, on page 8
- kshortest-paths, on page 10
- neighbor sr-policy name targeted, on page 11
- on-demand constraints, on page 12
- on-demand dynamic affinity sid-algorithm, on page 13
- on-demand dynamic affinity disjoint-path, on page 14
- on-demand maximum-sid-depth, on page 16
- on-demand source-address, on page 17
- on-demand steering, on page 18
- policy binding-sid, on page 19
- policy candidate-paths, on page 20
- policy candidate-paths constraints disjoint-path, on page 21
- policy candidate-paths constraints resources, on page 23
- policy color, on page 24
- policy source-address, on page 25
- policy steering, on page 26
- resource-list, on page 27
- segment-list, on page 28
- separate-next-hop, on page 29
- steering labeled-services, on page 30
- te-latency, on page 31

affinity-map

To define an affinity map, use the **affinity-map name** *name* **bit-position** *bit-position* command in SR-TE sub-mode.

	affinity-ma	p name name bit-position bit-position
Syntax Description	name nam	<i>e</i> Specify the name of the affinity-map.
	bit-positio	n <i>bit-position</i> Specify the bit position in the Extended Admin Group bitmask.
Command Default	None	
Command Modes	SR-TE conf	figuration
Command History	Release	Modification
	Release 7.3.1	This command was introduced.
Usage Guidelines	• Router	affinity maps on the following routers: rs with interfaces that have an associated admin group attribute. rs that act as SR-TE head-ends for SR policies that include affinity constraints.

Example

This example shows how to define an affinity map:

```
Router# configure
Router(config)# segment-routing
Router(config-sr)# traffic-eng
Router(config-sr-te)# affinity-map
Router(config-sr-te-affinity-map)# name RED bit-position 23
```

autoroute include ipv6 all

To enable IPv6 autoroute support for SR-TE policies with IPv4 endpoints, use the **autoroute include ipv6 all** command in the SR-TE policy and PCC profile modes. To disable this feature, use the **no** form of this command.

autoroute include ipv6 all no autoroute include ipv6 all

- **Syntax Description** This command has no keywords or arguments.
- **Command Default** IPv6 autoroute support is disabled.

SR-TE policy

PCC profile

Command Modes

Command HistoryReleaseModificationReleaseThis command was7.5.4introduced.

Usage Guidelines The **include ipv6 all** command form enables autoroute support for IPv6 prefixes, for a specified SR-TE policy. This command can be used in the SR-TE policy and PCC profile modes.

Example

The following example shows how to configure the IPv6 autoroute function for an SR-TE policy with an IPv4 endpoint:

```
Router# configure
Router(config)# segment-routing traffic-eng policy pol12
Router(config-sr-te-policy)# autoroute include ipv6 all
Router(config-sr-te-policy)# commit
```

The following example shows how to configure the IPv6 autoroute function for a PCE-instantiated SR-TE policy with an IPv4 endpoint:

```
Router# configure
Router(config)# segment-routing traffic-eng pcc profile 10
Router(config-pcc-prof)# autoroute include ipv6 all
Router(config-pcc-prof)# commit
```

bgp prefix-path-label ignore

To indicate BGP to ignore the programming of the service route's prefix label when recursing onto the BSID of an SR-TE policy, use the **bgp prefix-path-label ignore** command in SR-TE policy steering config mode.

	bgp prefi	ix-path-label ignore
Syntax Description	This comm	and has no keywords or arguments.
Command Default	None	
Command Modes	SR-TE poli	cy steering
Command History	Release	Modification
	Release 7.9.1	This command was introduced.

Usage Guidelines This command can be configured for manual SR policies.

Example

The following example shows how to configure BGP to ignore the programming of the service route's prefix label when recursing onto the BSID of an SR-TE policy:

Router(config)# segment-routing
Router(config-sr)# traffic-eng
Router(config-sr-te)# policy POLICY1
Router(config-sr-te-policy)# steering
Router(config-sr-te-policy-steering)# bgp prefix-path-label ignore

binding-sid

To specify the binding SID (BSID) allocation behavior, use the **binding-sid** command in SR-TE sub-mode.

Syntax Description	dynamic disable	Disables dynamic binding SID allocation. Candidate paths without an explicit BSID will be considered invalid.			
	explicit enforce-srlb	Specifies strict SRLB enforcement. If the BSID is not within the SRLB, the policy stays down.			
	explicitfallback-dynamic	explicitfallback-dynamic Specifies that, if the BSID is not available, the BSID is allocated dynamically and the policy comes up.			
Command Default	Binding SIDs are dynamic	cally allocated			
Command Modes	SR-TE configuration				
Command History	Release Modification	DN			
	Release This comm 7.3.1	and was introduced.			
Usage Guidelines	Explicit BSIDs are allocated from the segment routing local block (SRLB) or the dynamic range of labels. A best-effort is made to request and obtain the BSID for the SR-TE policy. If requested BSID is not available (if it does not fall within the available SRLB or is already used by another application or SR-TE policy), the policy stays down.				
	This command specifies h	now the BSID allocation behaves if the BSID value is not available:			
	• Fallback to dynamic policy comes up.	allocation – If the BSID is not available, the BSID is allocated dynamically and the			

Example

This example shows how to configure an SR policy to use an explicit BSID of 1000. If the BSID is not available, the BSID is allocated dynamically and the policy comes up.

```
Router# configure
Router(config)# segment-routing
Router(config-sr)# traffic-eng
Router(config-sr-te)# binding-sid explicit fallback-dynamic
Router(config-sr-te)# policy goo
Router(config-sr-te-policy)# binding-sid mpls 1000
```

distribute link-state (SRTE)

To enable reporting of SRTE policies, use the **distribute link-state** command in the SR-TE configuration mode.

distribute link-state [report-candidate-path-inactive]

Table 1: Syntax Description:

Syntax	Description	
report-candidate-path-inactive	Enables reporting of SRTE policies using BGP-LS.	

Command Default The reporting of policies to BGP-LS is disabled by default.

Command Modes SR-TE configuration (config-sr-te)

 Release
 Modification

 Release
 Supports reporting of SR-TE policies using BGP- Link State for SRv6.

 24.1.1
 Release

 Release
 This command was introduced and supports reporting of SR-TE policies using BGP- Link

 7.10.1
 State for SR-MPLS.

Task ID

 Task ID
 Operation

 distribute
 write/read

 link-state

Example

This example shows how to enable BGP-LS reporting and syncing of SRTE Policies:

```
Router# config
Router(config)# segment-routing
Router(config-sr)# traffic-eng
Router(config-sr-te)# distribute link-state
Router(config-sr-te-distribute-ls)# report-candidate-path-inactive
Router(config-sr-te-distribute-ls)# exit
```

distribute link-state

To enable reporting of SRTE policies, use the **distribute link-state** command in the SR-TE configuration mode.

distribute link-state [report-candidate-path-inactive]

Table 2: Syntax Description:

Syntax	Description
report-candidate-path-inactive	Enables reporting of SRTE policies using BGP-LS.

Command Default The reporting of policies to BGP-LS is disabled by default.

Command Modes SR-TE configuration (config-sr-te)

Command History	Release	Modification
	Release 24.1.1	Supports reporting of SR-TE policies using BGP- Link State for SRv6.
	Release 7.10.1	This command was introduced and supports reporting of SR-TE policies using BGP- Link State for SR-MPLS.

Task ID

Task IDOperationdistributewrite/readlink-state

Example

This example shows how to enable BGP-LS reporting and syncing of SRTE Policies:

```
Router# config
Router(config)# segment-routing
Router(config-sr)# traffic-eng
Router(config-sr-te)# distribute link-state
Router(config-sr-te-distribute-ls)# report-candidate-path-inactive
Router(config-sr-te-distribute-ls)# exit
```

hw-module profile cef sropt enable

To enable Segment Routing Encap object optimization, use the **hw-module profile cef sropt enable** command in XR Config mode.

hw-module profile cef sropt enable

Syntax Description This command has no keywords or arguments.

Command Default Segment Routing Encap object optimization is disabled.

Command Modes XR Configuration

Command History	Release Modification	
	Release 7.5.4	This command was introduced.

Usage Guidelines After you enter this command, you must reload the router.

Segment Routing Encap object optimization minimizes the Encap resource consumption of the forwarding ASIC. With this feature, instead of consuming an Encap entry for each outgoing path, the forwarding chain of a labeled prefix with ECMP consumes only a single global Encap entry.

SR Encap object optimization is triggered only when all ECMP paths of a labeled prefix (primary and backup) perform the same egress action (either all pop or all swap); and have the same outgoing label for the swap egress action. If this condition is not met, then the prefix is programmed with a dedicated Encap object per outgoing path.

SR Encap object optimization is supported for both labeled IPv4 /32 (SR-MPLSv4) and labeled IPv6 /128 (SR-MPLSv6).

All paths associated with the prefix (primary and backup) must have the same outgoing label value for SR Encap object optimization to be triggered. For example:

- For prefixes with LFA backup paths, the SR Encap object optimization is triggered because these backup paths do not require an extra label to be pushed.
- For prefixes with TI-LFA backup paths requiring extra labels to be pushed, the SR Encap object optimization is not triggered because all the paths associated with the prefix do not have the same outgoing label value.

Per-label per-interface egress counters are not supported when SR Encap object optimization is enabled. Instead, per-label aggregate egress counters are supported.

SR MicroLoop Avoidance is not supported when SR Encap object optimization is enabled.

Example

This example shows how to enable Segment Routing Encap object optimization:

Router(config) # hw-module profile cef sropt enable

Router(config) # commit Router(config) # end

Router# reload location all Proceed with reload? [confirm] y

Router# show hw-module profile cef

Knob	Status	Applied	Action
CBF Enable	Unconfigured	N/A	None
CBF forward-class-list	Unconfigured	N/A	None
BGPLU	Unconfigured	N/A	None
LPTS ACL	Unconfigured	N/A	None
Dark Bandwidth	Unconfigured	N/A	None
SR-OPT Enable	Configured	Yes	None
IP Redirect Punt	Unconfigured	N/A	None
IPv6 Hop-limit Punt	Unconfigured	N/A	None
MPLS Per Path Stats	Unconfigured	N/A	None
Tunnel TTL Decrement	Unconfigured	N/A	None
High-Scale No-LDP-Over-TE	Unconfigured	N/A	None
Label over TE counters	Unconfigured	N/A	None
Highscale LDPoTE No SRoTE	Unconfigured	N/A	None
LPTS Pifib Entry Counters	Unconfigured	N/A	None

kshortest-paths

To set the maximum number of attempts for SRTE to compute paths that satisfy cumulative metric bounds criteria, use the **kshortest-paths** command in SR-TE configuration mode. To revert to the default number of attempts (100), use the **no** form of the command.

	kshortest-p	paths max-attempts	
	no kshorte	st-paths	
Syntax Description	max-attemp	ots Maximum number of attempts.	-
		Choose a value between 1 and 200	
Command Default	100 attempt	ts are made to compute paths that sati	sfy the cumulative metric bounds criteria.
Command Modes	SR-TE con	figuration (config-sr-te)	
Command History	Release	Modification	
	Release 7.3.1	This command was introduced.	
Usage Guidelines	By default,	a maximum of 100 attempts are mad	e. To update the value, you can use this command.
	field) to see field display shortest pat	the K-shortest path algorithm compute ys 4, it means that the K-shortest path	ng policy color command (Number of K-shortest-paths tion result. For example, if the Number of K-shortest-paths algorithm took 4 computations to find the right path. The 4 t path algorithm did not respect the cumulative bounds, and ds.
	Example		
	-	ble shows how to set the maximum nutive metric bounds criteria:	mber of attempts for computing paths that satisfy
	Router# co	onfigure terminal	

```
Router# configure terminal
Router(config)# segment-routing traffic-eng
Router(config-sr-te)# kshortest-paths 120
Router(config-sr-te)# commit
```

neighbor sr-policy name targeted

To configure the SR policy name under LDP, use the **neighbor sr-policy***name* **targeted** command in SR-TE configuration mode.

neighbor sr-policy name targeted

Table 3: Syntax Description

Syntax	Description
name	Use the command to configure the SR policy name under LDP <i>name</i> is the auto-generated SR policy name assigned by the router when creating an LDP targeted adjacency over an SR policy.
	Note You can use the show segment-routing traffic-eng policy command to display the auto generated SR policy name. Auto-generated SR policy name uses the following naming convention: srte_c_color_val_ep_endpoint-address. For example, srte_c_1000_ep_10.1.1.2.

Command Default

None

Command Modes SR-TE configuration mode

Command History Release Modification

Release This command was introduced. 7.10.1

Example

The following example shows how to configure the SR policy name under LDP:

```
Router(config)# mpls ldp
Router(config-ldp)# address-family ipv4
Router(config-ldp-af)# neighbor sr-policy srte_c_1000_ep_10.1.1.2 targeted
Router(config-ldp-af)#commit
```

on-demand constraints

Note From Cisco IOS XR Release 7.9.1, you must reconfigure all SR-ODN configurations with Flexible Algorithm constraints that use the on-demand dynamic sid-algorithm with this command.

To configure the SR Flexible Algorithm constraints, use the **constraints segments sid-algorithm** command in SR-TE sub-mode.

		olorcolorconstraints{ segmentssid-algorithmalgo resources{ excludename exclude-groupgroup_name apply-groupgroup_name} }		
Syntax Description	segments	Specify constraints for segments of a path in a network.		
	sid-algorithm	<i>algo</i> Specify the SR Flexible Algorithm value. The <i>algo</i> range is from 128 to 255.		
	resources	Specify resource constraints for path computation.		
	exclude	Exclude resources from path computation.		
	resource-list na	<i>ume</i> Specify the name of the resource-list to exclude from the path computation.		
Command Default	None			
Command Modes	SR-TE configuration			
Command History	Release N	Nodification		
	Release T 24.1.1	The resources option was introduced.		
		You must reconfigure all SR-ODN configurations with Flexible Algorithm constraints that use the on-demand dynamic sid-algorithm with this command.		
	Release 7.4.1 T	This command was introduced.		
Usage Guidelines	No specific guide	elines impact the use of this command.		
	Example			
	The following example shows how to add an SR Flexible Algorithm constraint:			
	Router(config-	-sr-te-color)# constraints segments sid-algorithm 128		
	The following ex-	ample shows how to associate the excluded IPv4 addresses for ODN SR-TE policies:		
	Deuter (ees fir) Heermont reuting			

```
Router (config) #segment-routing
Router (config-sr) #traffic-eng
Router (config-sr-te) #on-demand color 7001
Routerconfig-sr-te-color) #constraints resources exclude resource-list node_resc_list
```

on-demand dynamic affinity sid-algorithm

	Note Your	must reconfigure all SR-ODN configurations with Flexible Algorithm constraints that use this command		
		the constraints segments sid-algorithm <i>algo</i> command.		
	To configure the SR Flexible Algorithm constraints, use the on-demand dynamic sid-algorithm command in SR-TE sub-mode.			
	on-demar	nd color dynamic sid-algorithm algo		
Syntax Description	sid-algor	ithmalgo Specify the SR Flexible Algorithm value . The <i>algo</i> range is from 128 to 255.		
Command Default	None			
Command Modes	SR-TE co	SR-TE configuration		
Command History	Release	Modification		
	Release 6.3.1	This command was introduced.		
	Release 7.4.1	This command was replaced by the constraints segments sid-algorithm <i>algo</i> command.		
	Release 7.9.1	You must reconfigure all SR-ODN configurations with Flexible Algorithm constraints that use this command with the constraints segments sid-algorithm <i>algo</i> command.		
Usage Guidelines	This comr	mand was replaced by the constraints segments sid-algorithm <i>algo</i> command.		
	Example			

Router(config-sr-te-color-dyn) # sid-algorithm 128

on-demand dynamic affinity disjoint-path

To configure the disjoint-path constraints, use the **on-demand dynamic disjoint-path** command in SR-TE sub-mode.

on-demand color *color* dynamic disjoint-path group-id *id* type $\{ link | node | srlg | srlg-node \} [{ sub-id | sub_id | fallback disable }]$

Syntax Description	group-id id	Specify the group ID of the disjoint path. Valid values are from 1 to 65535.			
	type {link node srlg srlg-node }	Specify the type of disjointness.			
	sub-id id	Specify the sub-group ID of the disjoint path. Valid values are from 1 to 65535.			
	fallback disable	Disable all fallback behavior in case the requested disjointness cannot be achieved.			
Command Default	None				
Command Modes	SR-TE configuration				
Command History	Release Modification				
	ReleaseThe fallback disable k24.1.1	reyword was introduced.			
	Release 6.3.1 This command was int	troduced.			
Usage Guidelines	Configures the disjoint group ID and should not be shared by the two paths	defines the preferred level of disjointness (the type of resources that s):			
	• link—Specifies that links are not shared on the computed paths.				
	• node—Specifies that nodes are not shared on the computed paths.				
	• srlg—Specifies that links with the same SRLG value are not shared on the computed paths				
	• srlg-node—Specifies that SRLG and nodes are not shared on the computed paths.				
	If a pair of paths that meet the requested disjointness level cannot be found, then the paths will automatically fallback to a lower level:				
	• If the requested disjointness level is SRLG or node, then link-disjoint paths will be computed.				
	1 0	l was link, or if the first fallback from SRLG or node disjointness failed, ng two shortest paths, without any disjointness constraint, will be			

Example

Router(config-sr-te-color-dyn) # disjoint-path group-id 775 type link

The following example indicates how to configure strict disjointness for an ODN SR-TE policy:

Router(config)#segment-routing traffic-eng
Router(config-sr-te)#on-demand color 4
Router(config-sr-te-color)#dynamic
Router(config-sr-te-color-dyn)#disjoint-path group-id 1 type node fallback disable
Router(config-sr-te-color-dyn)#commit

I

on-demand maximum-sid-depth

Syntax Description	—
Command Default	-
Command Modes	-
Command History	Release Modification
Usage Guidelines	-
Task ID	Task Operation ID

on-demand source-address

Syntax Description	
Command Default	-
Command Modes	-
Command History	Release Modification
Usage Guidelines	-
Task ID	Task Operation ID

I

on-demand steering

Syntax Description	
Command Default	-
Command Modes	-
Command History	Release Modification
Usage Guidelines	-
Task ID	Task Operation ID

Example

policy binding-sid

 Syntax Description
 Image: Guidelines

 Command Modes
 Release Modification

 Command History
 Image: Guidelines

 Usage Guidelines
 Task ID

 Task ID
 Task Operation

I

policy candidate-paths

Syntax Description	
Command Default	-
Command Modes	-
Command History	Release Modification
Usage Guidelines	-
Task ID	Task Operation ID

policy candidate-paths constraints disjoint-path

To configure the disjoint-path constraints, use the **on-demand dynamic disjoint-path** command in SR-TE sub-mode.

policy policy candidate-paths preference preference constraints disjoint-path group-id id type { link | node | srlg | srlg-node } [{ sub-id sub_id | shortest-path | fallback disable }]

Syntax Description	group-id id	Specify the group ID of the disjoint path. Valid values are from 1 to 65535.			
	type {link node srlg srlg-node }				
	sub-id id				
	shortest-path	Enable shortest path computation for the selected candidate path.			
	fallback disable	Disable all fallback behavior in case the requested disjointness cannobe achieved.			
Command Default	None				
Command Modes	SR-TE configuration				
Command History	Release Modification				
	ReleaseThe shortest-path and fallback disable keywords were introduced.24.1.1				
	Release 6.3.1 This command was introduced.				
Usage Guidelines	Configures the disjoint group ID and defines the preferred level of disjointness (the type of resources that should not be shared by the two paths):				
	• link—Specifies that links are not shared on the computed paths.				
	 node—Specifies that nodes are not shared on the computed paths. 				
	• srlg—Specifies that links with the same SRLG value are not shared on the computed paths				
	• srlg-node—Specifies that SRLG and nodes are not shared on the computed paths.				
	If a pair of paths that meet the requested disjointness level cannot be found, then the paths will automatically fallback to a lower level:				
	• If the requested disjointness level is SRLG or node, then link-disjoint paths will be computed.				
	1 0	el was link, or if the first fallback from SRLG or node disjointness failed ling two shortest paths, without any disjointness constraint, will be			

Example

```
Router(config-sr-te)# policy FOO
Router(config-sr-te-policy)# candidate-paths preference 100
Router(config-sr-te-poliilojkl,.cy-path-pref)# constraints disjoint-path group-id 775 type
link
```

The following example indicates how to configure the shortest path preference for a disjoint path:

```
Router(config)#segment-routing traffic-eng
Router(config-sr-te)#policy dynamic_pcep_policy_disjoint
Router(config-sr-te-policy)#candidate-paths
Router(config-sr-te-policy-path)#preference 100
Router(config-sr-te-policy-path-pref)#constraints disjoint-path group-id 1 type link
shortest-path
```

The following example indicates how to configure strict disjointness for a SR-TE policy:

```
Router(config)#segment-routing traffic-eng
Router(config-sr-te)#policy foo
Router(config-sr-te-policy)#color 1 end-point ipv4 10.10.10.1
Router(config-sr-te-policy)#candidate-paths preference 100
Router(config-sr-te-policy-path-pref)#constraints disjoint-path group-id 1 type node fallback
disable
Router(config-sr-te-policy-path-pref)#commit
```

policy candidate-paths constraints resources

To exclude IP addresses from the path computation for SR-TE policies, use the **policy candidate-paths constraints resources** command in the SR-TE configuration mode.

candidate-paths **preference** *preference* constraints resources { exclude **policy** *policy* resource-list name | exclude-group group_name | apply-group group_name } Syntax Description resources {exclude-group | Specify the resource constraints for path computation: exclude | apply-group } • exclude. Excludes resources from the path computation. • exclude-group. Excludes the apply-group configuration from the group. • apply-group. Applies configuration from a group. resource-list name Specify the name of the resource-list to exclude from the path computation. None **Command Default** SR-TE configuration **Command Modes Command History** Release Modification Release This command was 24.1.1 introduced. None. **Usage Guidelines** Example The following example shows how to exclude a list of IPv4 addresses from the network resource list:

```
Router(config) #segment-routing traffic-eng
Router(config-sr-te) #resource-list node_resc_list
Router(config-sr-te-rl) #index 1 ipv4 10.10.10.1
Router(config-sr-te-rl) #index 2 ipv4 10.10.10.8
```

The following example shows how to associate the excluded IPv4 addresses to one or more candidate paths for SR-TE policies:

```
Router(config)#segment-routing traffic-eng
Router(config-sr-te)#policy dynamic_pcep_policy
Router(config-sr-te-policy)#candidate-paths
Router(config-sr-te-policy-path)#preference 100
Router(config-sr-te-policy-path-pref)#constraints resources exclude resource-list
node_resc_list
```

I

policy color

Syntax Description	
Command Default	-
Command Modes	-
Command History	Release Modification
Usage Guidelines	-
Task ID	Task Operation ID

Example

policy source-address

Syntax Description	
Command Default	-
Command Modes	-
Command History	Release Modification
Usage Guidelines	-
Task ID	Task Operation ID

policy steering

resource-list

To configure a list of IPv4 addresses that you want to exclude from the network resource list for a candidate path, use the **resource-list** command in SR-TE configuration mode.

resource-li	st name	<i>e</i> Specify the resource-list name to exclude from the path computation.	
index 1-65535		Specify the index entry.	
Ranges from 1–65535.			
ipv4 <i>ipv4-a</i>	ddr	Specify the IPv4 address that you want to exclude from the network resource list.	
None			
SR-TE configuration mode			
Release	Мо	dification	
Release 24.1.1	This	is command was introduced.	
	index 1-65. ipv4 ipv4-a None SR-TE conf Release Release	ipv4 <i>ipv4-addr</i> None SR-TE configuration Release Mo Release Thi	

Example

The following example shows how to configure a list of IPv4 addresses that you want to exclude from the network resource list:

```
Router(config) #segment-routing traffic-eng
Router(config-sr-te) #resource-list node_resc_list
Router(config-sr-te-rl) #index 1 ipv4 10.10.10.1
Router(config-sr-te-rl) #index 2 ipv4 10.10.10.8
```

I

segment-list

Release	Modification
Task ID	Operation
	Task

Example

29

separate-next-hop

To enable SR-TE with next-hop independent scaling optimization, use the **separate-next-hop** command in ST-TE configuration mode.

segment-routing traffic-eng separate-next-hop

This command has no keywords or arguments.

Command Default	None		
Command Modes	SR-TE con	figuration	
Command History	Release	Modification	
	Release 7.3.1	This command was introduced.	

Usage Guidelines

I

steering labeled-services

—
—
—
Release Modification
_
Task Operation ID

te-latency

I

Syntax Description	
Command Default	-
Command Modes	-
Command History	Release Modification
Usage Guidelines	-
Task ID	Task Operation ID