



mpls traffic-eng interface Command

This feature module describes the **mpls traffic-eng interface** command.

mpls traffic-eng interface

To enable MPLS Traffic Engineering (TE) link-state advertisement (LSA) for an interface to be advertised into OSPF area 0, use the **mpls traffic-eng interface** command in router configuration mode. Usually, the MPLS TE LSA is advertised into the same area as the router LSA. To restore the setting of the MPLS TE LSA to the same area as the router LSA, use the **no** form of this command.

mpls traffic-eng interface *interface* **area 0**

no mpls traffic-eng interface *interface* **area 0**

Syntax Description	<i>interface</i>	The interface to be advertised with an MPLS TE LSA into OSPF area 0.
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Defaults	No default behaviors.
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Command Modes	Router configuration
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Command History	Release	Modification
	12.0(12)S	This command was introduced.
12.1(5)T	This command was integrated into Cisco IOS Release 12.1(5)T.	

Usage Guidelines

This command is useful in configurations where a link between two Area Border Routers (ABRs) is in an OSPF area besides area 0. This command allows you to advertise the link between ABRs into area 0, even though the link is in a non-zero area. This solves for TE the same problem that virtual links solve for IP routing.

Issue the command on both ABRs for the interfaces at both ends of the link.

Examples

In the following example, OSPF advertises the MPLS TE LSA for interface pos2/0 to area 0:

```
Router(config)# router ospf 1
Router(config-router)# mpls traffic-eng interface pos2/0 area 0
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