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-	<u> </u>	Cisco.com	
Step 1	Router# configure terminal	Enables Configuration Mode	
Step 2	Router(config)# ip cef [distributed]	Configures Cisco Express Forwarding	
Step 3	Router(config)# interface interface	Specifies the Interface to Configure	
Step 4	Router(config-if)# mpls ip	Configures MPLS Hop-by-Hop Forwarding for a Specified Interface	
Step 5	Router(config-if)# mpls label protocol ldp	Configures the Use of LDP for a Specific Interface; Sets the Default Label Distribution Protocol for the Specified Interface To Be LDP, Overriding Any Default Set by the Global MPLS Label Protocol Command	
Step 6	Router# configure terminal Router(config)# mpls label protocol ldp	Configures the Use of LDP on All Interfaces; Sets the Default Label Distribution Protocol for All Interfaces To Be LDP	
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Router# show mpls interfaces Interface IP Tunnel Operational Ethernet1/1/1 Yes (tdp) No No Ethernet1/1/2 Yes (tdp) Yes No Ethernet1/1/3 Yes (tdp) Yes Yes POS2/0/0 Yes (tdp) No No ATM0/0.1 Yes (tdp) No No (ATM labels) ATM3/0.1 Yes (tdp) No Yes (ATM labels)	show mpls ip binding [vrf <i>vpn-name</i>] [<i>network</i> { <i>mask</i> <i>length</i> } [longer-prefixes]] [local-label {atm vpi vci label [- <i>label</i>]}] [remote-label {atm vpi vci label [- <i>label</i>]}] [neighbor address] [local] [interface interface] [generic atm] show mpls ip binding summary	
Router# show mpls ldp discovery Local LDP Identifier: 118.1.1.1:0 Discovery Sources: Interfaces: POS2/0 (ldp): xmit/recv LDP Id: 155.0.0.55:0 Tunnel1 (ldp): Targeted -> 133.0.0.33 Targeted Hellos: 118.1.1.1 -> 133.0.0.33 (ldp): active, xmit/recv LDP Id: 133.0.0.33:0 118.1.1.1 -> 168.7.0.16 (tdp): passive, xmit/recv TDP Id: 168.7.0.16:0	Router# show mpls ip binding 194.44.44.0 24 194.44.40/24 in label: 24 in vc label: 1/37 lsr: 203.0.7.7:2 ATM1/0.8 Active egress (vcd 56) out label: imp-null lsr: 155.0.0.55:0 inuse Router#	

	-	Cisco.com
Step 1	Router(config-if)# mpls traffic-eng tunnels	Enables MPLS Traffic Engineering Tunnels on an Interface
Step 2	Router(config-if)# ip rsvp bandwidth bandwidth	Enables RSVP for IP on an Interface and Specifies the Amount of Bandwidth That Will Be Reserved; For a Description of the ip rsvp Command Syntax, See the <i>Quality of Service Solutions Command Reference</i>
Step 1	Router(config)# router ospf process-id	Configures an OSPF Routing Process for IP; You Are Placed in Router Configuration Mode; The <i>process-id</i> is an Internally Used Identification Parameter for an OSPF routing process; It Is Locally Assigned and Can Be Any Positive Integer; Assign a Unique Value for Each OSPF Routing Process
Step 2	Router(config- router)# mpls traffic-eng area 0	Turns on MPLS Traffic Engineering for OSPF Area 0
Step 3	Router(config- router)# mpls traffic-eng router-id loopback0	Specifies that the Traffic Engineering Router Identifier for The Node Is the IP Address Associated with Interface Ioopback0















