

Minimum MPLS Configuration

To enable MPLS on the router, you must include at least the following statements. This minimum configuration enables MPLS on a logical interface. All other MPLS configuration statements are optional. Note that this configuration does nothing more than enable MPLS on the router and on the specified interface.

Include the family `mpls` statement:

```
family mpls;
```

You can include this statement at the following hierarchy levels:

- [edit interfaces *interface-name* unit *logical-unit-number*]
- [edit logical-systems *logical-system-name* interfaces *interface-name* unit *logical-unit-number*]

Include the interface in the MPLS and RSVP protocol configuration:

```
mpls {  
  interface (interface-name | all); # Required to enable MPLS on the interface  
}  
rsvp { # Required for RSVP-signaled MPLS only  
  interface interface-name;  
}
```

You can configure these statements at the following hierarchy levels:

- [edit protocols]
- [edit logical-systems *logical-system-name* protocols]

For every interface you enable, two special routes are installed automatically in the MPLS forwarding table. One route has a label value of `0`, and the second has a label value of `1`. (For information about these labels, see Special Labels.)

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