

metric

Syntax `metric metric;`

Hierarchy Level [edit logical-systems *logical-system-name* protocols (ospf | ospf3) area *area-id* interface *interface-name*],
[edit logical-systems *logical-system-name* protocols ospf area *area-id* interface *interface-name* topology (ipv4-multicast | *name*)],
[edit logical-systems *logical-system-name* protocols ospf3 realm (ipv4-unicast | ipv4-multicast | ipv6-multicast) area *area-id* interface *interface-name*],
[edit logical-systems *logical-system-name* routing-instances *routing-instance-name* protocols (ospf | ospf3) area *area-id* interface *interface-name*],
[edit logical-systems *logical-system-name* routing-instances *routing-instance-name* protocols ospf area *area-id* sham-link-remote],
[edit logical-systems *logical-system-name* routing-instances *routing-instance-name* protocols ospf area *area-id* interface *interface-name* topology (ipv4-multicast | *name*)],
[edit logical-systems *logical-system-name* routing-instances *routing-instance-name* protocols ospf3 realm (ipv4-unicast | ipv4-multicast | ipv6-multicast) area *area-id* interface *interface-name*],
[edit protocols (ospf | ospf3) area *area-id* interface *interface-name*],
[edit protocols ospf area *area-id* interface *interface-name* topology (ipv4-multicast | *name*)],
[edit protocols ospf3 realm (ipv4-unicast | ipv4-multicast | ipv6-multicast) area *area-id* interface *interface-name*],
[edit routing-instances *routing-instance-name* protocols (ospf | ospf3) area *area-id* interface *interface-name*],
[edit routing-instances *routing-instance-name* protocols ospf area *area-id* sham-link-remote],
[edit routing-instances *routing-instance-name* protocols ospf area *area-id* interface *interface-name* topology (ipv4-multicast | *name*)],
[edit routing-instances *routing-instance-name* protocols ospf3 realm (ipv4-unicast | ipv4-multicast | ipv6-multicast) area *area-id* interface *interface-name*]

Release Information Statement introduced before JUNOS Release 7.4.
Statement introduced in JUNOS Release 9.0 for EX Series switches.
Support for Multitopology Routing introduced in JUNOS Release 9.0.
Support for Multitopology Routing introduced in JUNOS Release 9.0 for EX Series switches.
Support for the `realm` statement introduced in JUNOS Release 9.2.
Support for the `realm` statement introduced in JUNOS Release 9.2 for EX Series switches.

Description Specify the cost of an OSPF interface. The cost is a routing metric that is used in the link-state calculation.

To set the cost of routes exported into OSPF, configure the appropriate routing policy.

Options *metric*—Cost of the route.

Range: 1 through 65,535

Default: By default, the cost of an OSPF route is calculated by dividing the reference-bandwidth value by the bandwidth of the physical interface. Any specific value you configure for the **metric** overrides the default behavior of using the reference-bandwidth value to calculate the cost of route for that interface.

Required Privilege Level routing—To view this statement in the configuration.
routing-control—To add this statement to the configuration.

- Related Topics**
- bandwidth-based-metrics
 - reference-bandwidth
 - Configuring the Metric Value for OSPF Interfaces
 - Configuring OSPF Sham Links
 - Configuring Multitopology Routing in OSPF

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