topology (OSPF Interface)

Syntax

```plaintext
topology (ipv4-multicast | name) {
    metric metric;
}
```

Hierarchy Level

```plaintext
[edit logical-systems logical-system-name protocols ospf area area-id interface interface-name],
[edit logical-systems logical-system-name routing-instances routing-instance-name protocols ospf area area-id interface interface-name],
[edit protocols ospf area area-id interface interface-name],
[edit routing-instances routing-instance-name protocols ospf area area-id interface interface-name]
```

Release Information

Statement introduced in JUNOS Release 9.0.

Description

Configure interface-specific properties for MT-OSPF, including topology-specific metric values for an interface.

Default

The default value of the topology metric is the same as the default metric value calculated by OSPF or the value configured for the OSPF metric.

Options

- **ipv4-multicast**—Name of the topology for IPv4 multicast traffic.

  ```
  name—Name of a topology created under the [edit routing-options] hierarchy level.
  ```

- **metric metric**—Cost of a route from an OSPF interface. You can specify a metric value for a topology that is different from the value specified for the interface.

  **Range:** 1 through 65,535

  **Default:** 1

Required Privilege Level

- **routing**—To view this statement in the configuration.

- **routing-control**—To add this statement to the configuration.

Related Topics

- Configuring Multitopology Routing in OSPF

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