

## Configuring CoS Routing Instances (NSM Procedure)

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You can apply a custom MPLS EXP classifier to the routing instance with VPN routing and forwarding (VRF) table labels enabled using this option. The default MPLS EXP classifier or one that is previously defined can be applied for routing instance.

To configure Class-of-Service routing instances in NSM:

1. In the NSM navigation tree, select **Device Manager > Devices**.
2. Click the **Device Tree** tab, and then double-click the device to select it.
3. Click the **Configuration** tab. In the configuration tree, expand **Class of Service**.
4. Select **Routing Instances**.
5. Add or modify settings as specified in Table 1.
6. Click one:
  - OK—Saves the changes.
  - Cancel—Cancels the modifications.

**Table 1: Routing Instances Configuration Details**

Task	Your Action
Apply a custom MPLS EXP classifier to the routing instance for routing instances with VRF table labels enabled.	<ol style="list-style-type: none"><li>1. Click <b>Add new entry</b> next to Routing Instances.</li><li>2. In the <b>Name</b> box, enter the name of the routing instance.</li></ol>
Specify the classifier name.	<ol style="list-style-type: none"><li>1. Click <b>Classifiers</b> next to routing-instances.</li><li>2. Click <b>Dscp</b> next to Classifiers.</li><li>3. In the <b>Comment</b> box, enter the comment.</li><li>4. From the <b>Classifier name</b> list, select the classifier name.</li><li>5. Click <b>Dscp Ipv6</b> next to Classifiers.</li><li>6. In the <b>Comment</b> box, enter the comment.</li><li>7. From the <b>Classifier name</b> list, select the classifier name.</li><li>8. Click <b>Exp</b> next to Classifiers.</li><li>9. From the <b>Classifier Name</b> list, select the classifier name.</li><li>10. Click <b>Ieee 802.1</b> next to Classifiers.</li><li>11. In the <b>Comment</b> box, enter the comment.</li><li>12. From the <b>Classifier name</b> list, select the classifier name.</li><li>13. From the <b>Vlan tag</b> list, select the VLAN tag.</li></ol>

**Table 1: Routing Instances Configuration Details** (continued)

Task	Your Action
Specify a rewrite-rules mapping for the traffic that passes through all queues on the interface.	<ol style="list-style-type: none"><li>1. Click <b>Rewrite Rules</b> next to routing-instances.</li><li>2. In the <b>Comment</b> box, enter the comment.</li><li>4. Click <b>ieee 802.1</b> next to Rewrite Rules.</li><li>5. Select one of the following:<ul style="list-style-type: none"><li>■ <b>ieee-802.1d</b>—To apply an IEEE-802.1 rewrite rule</li><li>■ <b>ieee-802.1ad</b>—To apply an IEEE-802.1ad rewrite rule</li></ul></li><li>6. In the <b>Comment</b> box, enter the comment.</li><li>7. From the <b>Rewrite Rule Name</b> list, select the name of a rewrite-rules mapping.</li><li>8. From the <b>Vlan tag</b> list, select the VLAN tag.</li></ol>
<b>Related Topics</b>	<ul style="list-style-type: none"><li>■ Configuring CoS Classifiers (NSM Procedure)</li><li>■ Configuring CoS Forwarding Policy (NSM Procedure)</li><li>■ Configuring CoS Restricted Queues (NSM Procedure)</li><li>■ Configuring Tracing Operations (NSM Procedure)</li></ul>

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