



Troubleshooting QoS Policies

This section provides solutions for troubleshooting QoS policies.

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The following table summarizes common troubleshooting scenarios for Cisco APIC QoS.

Problem	Solution
Unable to update a configured QoS policy.	<ol style="list-style-type: none">1. Invoke the following API to ensure that <code>qospDscpRule</code> is present on the leaf. <pre>GET https://192.0.20.123/api/node/class/qospDscpRule.xml</pre>2. Ensure that the QoS rules are accurately configured and associated to the EPG ID to which the policy is attached. Use the following NX-OS style CLI commands to verify the configuration. <pre>leaf1# show vlan leaf1# show system internal aclqos qos policy detail apic1# show running-config tenant <i>tenant-name</i> policy-map type qos <i>custom-qos-policy-name</i> apic1# show running-config tenant <i>tenant-name</i> application <i>application-name</i> epg <i>epg-name</i></pre>

Problem	Solution
<p>Show QoS interface statistics.</p>	<p>CLI displays statistics for eth1/1 for only QoS classes – level1, leve2, level3, level4, level5, level6, and policy-plane – if you don’t use “detail” option.</p> <pre data-bbox="594 373 1487 422"> NXOS ibash cli: tor-leaf1# show queuing interface ethernet 1/1 [detail] </pre> <p>If you want to display statistics for control-plane and span classes for an interface, you need to use CLI with the “detail” option.</p> <p>Example: fabric 107 show queuing interface ethernet 1/1 detail</p> <pre data-bbox="594 569 1487 617"> APIC CLI: swtb123-ifc1# fabric node_id show queuing interface ethernet 1/1 </pre>