

How set up QoS for 2750U

Example:

1. Please enable QoS function under the QoS of service page.

The screenshot shows the D-Link DSL-2750U web interface. The top navigation bar includes 'DSL-2750U', 'SETUP', 'ADVANCED', 'MAINTENANCE', 'STATUS', and 'HELP'. The left sidebar lists various settings: Wireless Settings, Port Forwarding, Port Triggering, DMZ, Parental Control, Filtering Options, DNS, Dynamic DNS, Storage Service, Multicast, Network Tools, Routing, Schedules, and Logout. The main content area is titled 'QoS -- QUEUE MANAGEMENT CONFIGURATION'. It contains the following text: 'If Enable QoS checkbox is selected, choose a default DSCP mark to automatically mark incoming traffic without reference to a particular classifier. Click 'Save/Apply' button to save it.' Below this is a note: 'Note: If Enable QoS checkbox is not selected, all QoS will be disabled for all interfaces.' Another note states: 'Note: The default DSCP mark is used to mark all egress packets that do not match any classification rules.' The 'QoS SETUP' section features a checked 'Enable QoS' checkbox and a 'Select Default DSCP Mark' dropdown menu set to 'No Change(-1)'. 'Save/Apply' and 'Cancel' buttons are at the bottom.

2. Create a precedence rule for PC2.

The screenshot shows the D-Link DSL-2750U web interface. The top navigation bar includes 'DSL-2750U', 'SETUP', 'ADVANCED', 'MAINTENANCE', 'STATUS', and 'HELP'. The left sidebar lists various settings: Wireless Settings, Port Forwarding, Port Triggering, DMZ, Parental Control, Filtering Options, DNS, Dynamic DNS, Storage Service, Multicast, Network Tools, Routing, Schedules, and Logout. The main content area is titled 'QoS QUEUE CONFIGURATION'. It contains the following text: 'This screen allows you to configure a QoS queue and assign it to a specific layer2 interface. The scheduler algorithm is defined by the layer2 interface. Click 'Save/Apply' to save and activate the queue.' Below this is a note: 'Note: For SP scheduling, queues assigned to the same layer2 interface shall have unique precedence. Lower precedence value implies higher priority for this queue relative to others.' The 'ADD QUEUE CONFIG' section includes a 'Queue Name' text box with 'QoS1 for pc2', an 'Enable' dropdown menu set to 'Enable', an 'Interface' dropdown menu set to 'atm0(0_8_35)SP', a 'Precedence' dropdown menu set to '7', and a 'Queue Weight: [1-63]' text box. 'Save/Apply' and 'Cancel' buttons are at the bottom.

3. Create a Qos classification for PC2(includ PC2 ip address and set up Rate control.)

The screenshot displays a network configuration interface with a sidebar on the left containing 'Multicast', 'Network Tools', 'Routing', 'Schedules', and 'Logout'. The main area is divided into two sections: 'SPECIFY CLASSIFICATION CRITERIA' and 'SPECIFY CLASSIFICATION RESULTS'. The 'SPECIFY CLASSIFICATION CRITERIA' section includes fields for 'Class Interface' (LAN), 'Ether Type' (IP (0x800)), 'Fixed Ether Type' (IP (0x800)), 'Source MAC Address', 'Source MAC Mask', 'Destination MAC Address', 'Destination MAC Mask', 'Source IP Address/Mask' (10.0.0.3), 'Destination IP Address/Mask', 'Differentiated Service Code Point (DSCP) Check', 'Protocol', 'UDP/TCP Source Port', 'UDP/TCP Destination Port', and '802.1p Priority Check'. The 'SPECIFY CLASSIFICATION RESULTS' section includes 'Assign Classification Queue' (ppp0&atm0&Path0&Key358), 'Mark Differentiated Service Code Point (DSCP)', 'Mark 802.1p priority', 'Tag VLAN ID [0-4094]', and 'Set Rate Control(kbps)' (10000000). Red boxes highlight the 'Class Interface', 'Ether Type', 'Source IP Address/Mask', and 'Set Rate Control(kbps)' fields. At the bottom, there are 'Apply/Save' and 'Cancel' buttons. On the right side, there is a vertical sidebar with text about applications such as VoIP or Streaming and a 'More...' link.

SPECIFY CLASSIFICATION CRITERIA
A blank criterion indicates it is not used for classification.

Class Interface: LAN
Ether Type: IP (0x800)
Fixed Ether Type: IP (0x800)
Source MAC Address:
Source MAC Mask:
Destination MAC Address:
Destination MAC Mask:
Source IP Address/Mask: 10.0.0.3
Destination IP Address/Mask:
Differentiated Service Code Point (DSCP) Check:
Protocol:
UDP/TCP Source Port (port or port:port):
UDP/TCP Destination Port (port or port:port):
802.1p Priority Check:

SPECIFY CLASSIFICATION RESULTS
Must select a classification queue. A blank mark or tag value means no change.

Assign Classification Queue: ppp0&atm0&Path0&Key358
Mark Differentiated Service Code Point (DSCP):
Mark 802.1p priority:
Tag VLAN ID [0-4094]:
Set Rate Control(kbps): 10000000

Apply/Save Cancel