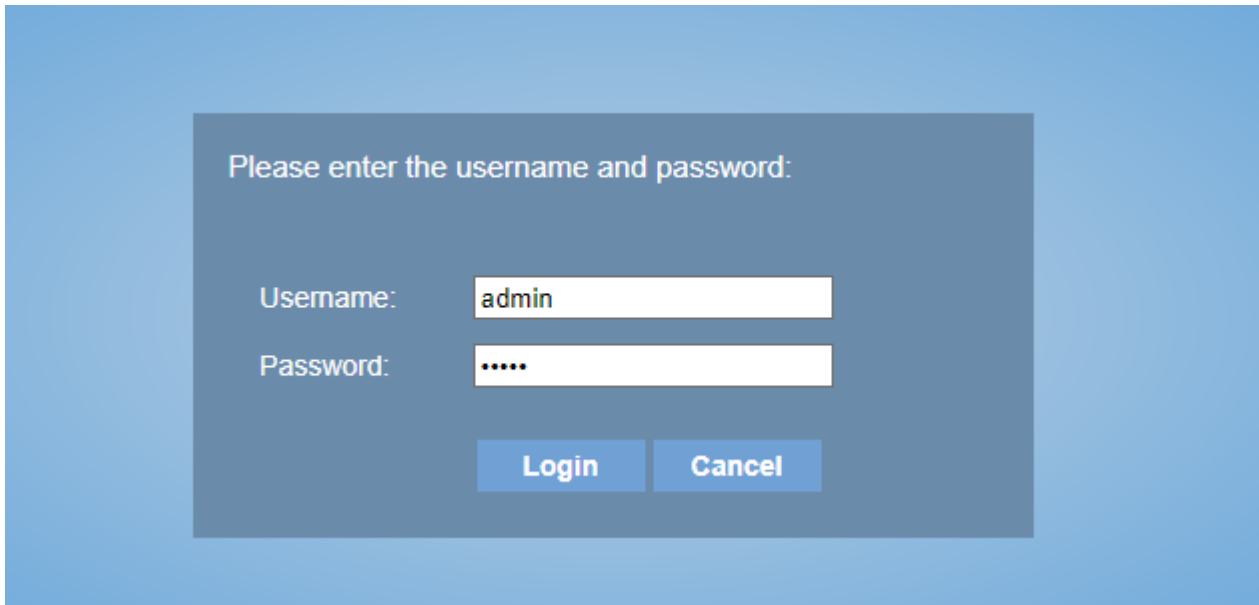


# Basic setup guide for QoS

(Can be used with DSL-G2562DG and the DWR-956M)

**Quality of service (QoS)** is the description or measurement of the overall performance of a service, such as a telephony or computer network or a cloud computing service, particularly the performance seen by the users of the network.

Login to the router. Default IP address is <http://10.0.0.2>



Default login username and password is "admin".

1) Go to Advanced setup → Quality of Service → QoS Queue.

**D-Link** DSL-G2562DG Home Gateway

QoS Global Settings

Enable QoS Profile:  (Changing profile will affect all QoS settings)

Enable:  **Enable**

Upstream Bandwidth:  Kbps (0 means no rate limit)

Scheduling Policy:

Enable Force Bandwidth:

DSCP/TC Mark:

802.1P Tag:

TCP Connection Number Limit:

Upstream Queue Settings

Number	Enable	Priority(1 is the highest)
1	<input checked="" type="checkbox"/>	1
2	<input checked="" type="checkbox"/>	2
3	<input checked="" type="checkbox"/>	3
4	<input type="checkbox"/>	4

2) Go to Advanced setup → Quality of Service → QoS Classification.

The screenshot shows the D-Link DSL-G2562DG Home Gateway web interface. The left sidebar contains a navigation menu with 'QoS Classification' highlighted. The main content area is titled 'Classification List' and contains two tables. The first table has columns for 'Number', 'Enable', 'Traffic Type', 'Mark', 'Queue', and 'Action', with the text 'No Rule Found!' below it. Below this table is an 'Add Traffic Type' button. The second table has columns for 'Number', 'Enable', 'Classification Rules', 'Mark', 'Queue', and 'Action', also with 'No Rule Found!' below it. Below the second table is an 'Add Flow' button, which has a red arrow pointing to it from the word 'Enable' written next to it.

Add a Flow rule.

The screenshot shows the 'QoS Classification Settings' page in the D-Link DSL-G2562DG Home Gateway web interface. The left sidebar shows 'QoS Classification' selected. The main content area has a title 'QoS Classification Settings' and an 'Enable' checkbox that is checked, with a red arrow pointing to it and the word 'Enable' written next to it. Below this is the 'Classification Traffic Base' section, which contains several configuration fields: 'IP Version' (set to IPv4), 'LAN Interface' (set to -), 'WAN Connection' (set to -), 'Source MAC' (empty), 'Destination MAC' (empty), 'VLAN' (empty), '802.1P' (set to -), 'Source Address' (empty), 'Source Mask' (empty), 'Destination Address' (empty), 'Destination Mask' (empty), and 'DSCP' (set to -). Each field has a placeholder or default value in parentheses.

- ▶ Status
- ▶ Quick Setup
- ▶ Basic Setup
- ▼ **Advanced Setup**
  - ▶ WAN
  - ▶ LAN
  - ▶ Wireless
  - ▶ NAT
  - ▶ Security
  - ▶ Parental Control
  - ▶ Routing
  - ▼ Quality of Service
    - QoS Queue
    - QoS Classification**
    - QoS TCP Flags
  - ▶ Bandwidth Limit
  - ▶ IP Tunnel
- ▶ Applications
- ▶ Management

Destination MAC:  (00:22:33:aa:bb:cc)  
 VLAN:   
 802.1P:  -   
 Source Address:  (8.8.8.8)  
 Source Mask:  (255.255.255.0)  
 Destination Address:  (8.8.8.8)  
 Destination Mask:  (255.255.255.0)  
 DSCP:  -   
 IP Protocol Type:  TCP ← Protocol of the service  
 Source Port Range:  -   
 Destination Port Range:  80 ← Port range of Service - 80  
**Classification Match Result**  
 Queue:  3 ← Priority of the port range  
 DSCP:  -   
 802.1P Tag:  -

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    - QoS Classification**
    - QoS TCP Flags
  - ▶ Bandwidth Limit
  - ▶ IP Tunnel

### Classification List

Number	Enable	Traffic Type	Mark	Queue	Action
No Rule Found!					

Number	Enable	Classification Rules	Mark	Queue	Action
1	Enable	Destination Port: 80~80 Protocol: TCP	802.1P: -	3	