

# How to configure QoS (Quality of Service) settings?

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Step 1: Open your web browser and enter `http://dlinkrouter` or `http://dlinkrouter.local` or `http://192.168.0.1` into the address bar.

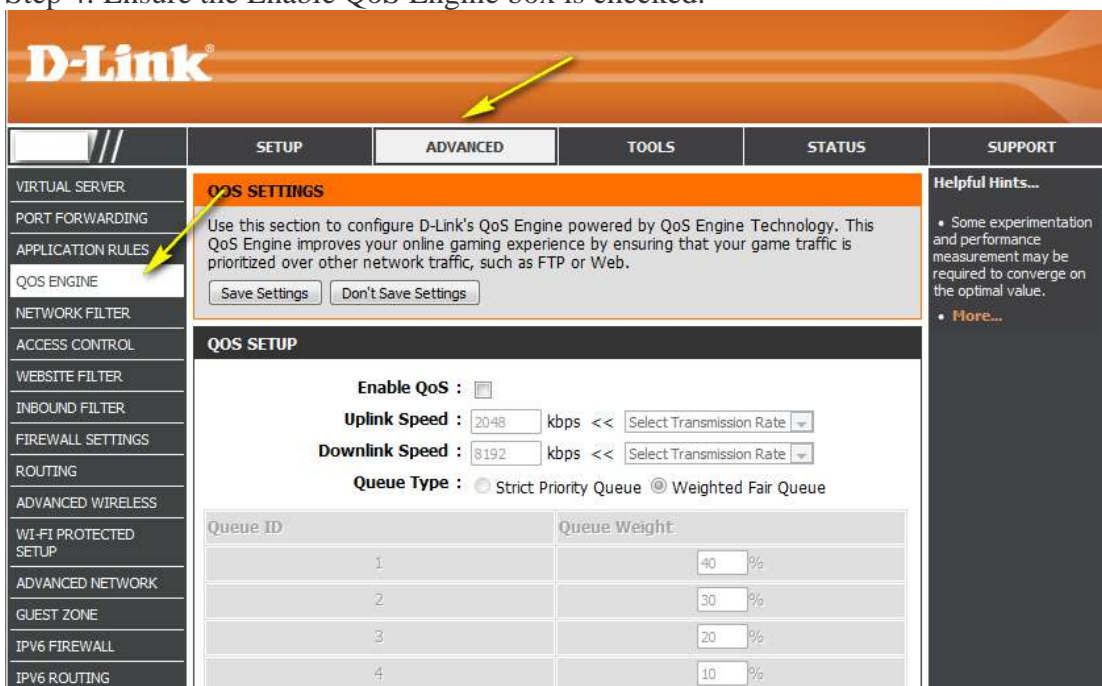


Step 2: The default username is Admin and the default password is blank (nothing). Click Login.



Step 3: Click on the Advanced tab on top and then click QoS Engine on the left side.

Step 4: Ensure the Enable QoS Engine box is checked.



Step 5: Select the Manual Uplink Speed. This is the speed at which data can be transferred from the router to your ISP (Internet Service Provider). This is set by your ISP.

# How to configure QoS (Quality of Service) settings?

**QoS SETTINGS**

Use this section to configure D-Link's QoS Engine powered by QoS Engine Technology. This QoS Engine improves your online gaming experience by ensuring that your game traffic is prioritized over other network traffic, such as FTP or Web.

Save Settings Don't Save Settings

**QoS SETUP**

Enable QoS :

Uplink Speed : 1024 kbps << Select Transmission Rate

Downlink Speed : 8192 kbps << Select Transmission Rate

Queue Type :  Strict Priority Queue  Weighted Fair Queue

Queue ID	Queue Weight
1	40 %
2	30 %
3	20 %
4	10 %

Step 6: Choose traffic to be sorted using either the “Strict Priority Queue” or “Weighted Fair Queue.” This allows traffic prioritization to be either less or more flexible, respectively.

**QoS SETUP**

Enable QoS :

Uplink Speed : 2048 kbps << Select Transmission Rate

Downlink Speed : 8192 kbps << Select Transmission Rate

Queue Type :  Strict Priority Queue  Weighted Fair Queue

Queue ID	Queue Priority
1	Highest
2	Higher
3	Normal
4	Best Effort(default)

Weighted Fair Queue: the % can be modified.

# How to configure QoS (Quality of Service) settings?

**QOS SETUP**

Enable QoS :

Uplink Speed : 2048 kbps << Select Transmission Rate ▼

Downlink Speed : 8192 kbps << Select Transmission Rate ▼

Queue Type :  Strict Priority Queue  Weighted Fair Queue

Queue ID	Queue Weight
1	40 %
2	30 %
3	20 %
4	10 %

Example: Set all the PCs (IP address from 192.169.1.2 to 192.168.1.100) on a local LAN to access YouTube service with Normal Priority.

Step 7: Click Save Settings when finished.

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Save Settings  Don't Save Settings

**QOS SETUP**

Enable QoS :

Uplink Speed : 2048 kbps << Select Transmission Rate ▼

Downlink Speed : 8192 kbps << Select Transmission Rate ▼

Queue Type :  Strict Priority Queue  Weighted Fair Queue

Queue ID	Queue Priority
1	Highest
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3	Normal
4	Best Effort(default)

**32 -- CLASSIFICATION RULES**

Remaining number of rules that can be created: 18

Name	Queue ID	Protocol
Youtube	3 - Normal	TCP << ALL ▼
<input checked="" type="checkbox"/> Local IP Range	192.168.1.2 to 192.168.1.100	Application Port
Remote IP Range		YOUTUBE << ALL ▼

- Some experimentation and performance measurement may be required to converge on the optimal value.
- [More...](#)