

Gargoyle

Router
Management
Utility

Device Name: Gargoyle

Status

Connection

Firewall

Port Forwarding
Connection Limits
Restrictions
Quotas
QoS (Upload)
QoS (Download)

System

Logout

QoS (Download) -- Classification Rules

☒ Enable Quality of Service (Download Direction)

Quality of Service (QoS) provides a way to control how available bandwidth is allocated. Connections are classified into different "service classes," each of which is allocated a share of the available bandwidth. QoS should be applied in cases where you want to divide available bandwidth between competing requirements. For example if you want your VoIP phone to work correctly while downloading videos. Another case would be if you want your bit torrents throttled back when you are web surfing.

Match Criteria	Classification				
Destination: 192.168.2.99, Transport Protocol: UDP	XBOX	Edit	Remove	↑	↓
Transport Protocol: TCP, Connection bytes: 5000 kBytes	Download	Edit	Remove	↑	↓
Transport Protocol: UDP	Voip	Edit	Remove	↑	↓

Default Service Class:

[More Info](#)

Add New Classification Rule:

- ☐ Source IP:
- ☐ Source Port(s):
- ☐ Destination IP:
- ☐ Destination Port(s):
- ☐ Maximum Packet Length: bytes
- ☐ Minimum Packet Length: bytes
- ☐ Transport Protocol:
- ☐ Connection bytes reach: kBytes
- ☐ Application (Layer7) Protocol:

Set Service Class To:

QoS (Download) -- Service Classes

Service Class Name	Percent BW	Min BW (kbps)	Max BW (kbps)	Min RTT	Load (kbps)		
Normal	80%	zero	no limit		0.4	Edit	Remove
Voip	5%	120	no limit	Yes	0.7	Edit	Remove
XBOX	5%	120	no limit	Yes	0.0	Edit	Remove
Download	10%	zero	no limit		0.0	Edit	Remove

Total Download Bandwidth: kbit/s

[More Info](#)

Add New Service Class:

Service Class Name:

Percent Bandwidth At Capacity: %

Bandwidth Minimum:

☒ No Bandwidth Minimum

☐ Bandwidth Minimum: kbit/s

Bandwidth Maximum:

☒ No Bandwidth Maximum

☐ Bandwidth Maximum: kbit/s

Minimize Round Trip Times (RTT):

☐ Minimize RTT (ping times) when active

☒ Optimize WAN utilization

[Add Service Class](#)

QoS (Download) -- Active Congestion Control

☒ Enable active congestions control (Download Direction)

☐ Use non-standard ping target:

☐ Use custom ping limit:

[More Info](#)

Congestion Control Status

State: IDLE

Link limit: 745 (kbps)

Fair Link limit: 745 (kbps)

Link load: 1 (kbps)

Ping: off

Filtered ping: 33 (ms)

Ping time limit: 237 (ms)

Classes Active: 0

[More Info](#)

[Save Changes](#)

[Reset](#)