

We found that setting the QoS settings by either MAC address or IP address we can prioritize the (VoIP) data packets coming from those devices. Attached are sample screen shots.

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QoS

QoS function

DiffServ Forwarding Groups

This page allows you to enable/disable QoS functionality on the router by using the "QoS Function" checkbox.

Traffic can be classified into 4 priorities described on the page as High, Medium, Normal and Low. Please note that the combined bandwidth for the 4 priorities should be 100%.

The "Allow More" checkbox can be used to allow/disallow additional bandwidth for a particular queue (i.e. more bandwidth then available only if not being used by other queues).

Please note that the priority queues and other settings on this page are for uplink traffic (going from the router towards the Internet) only.

Priority	Guarantee Minimal Bandwidth	Allow More
High	60 %	<input checked="" type="checkbox"/>
Medium	10 %	<input checked="" type="checkbox"/>
Normal	20 %	<input checked="" type="checkbox"/>
Low	10 %	<input checked="" type="checkbox"/>

SAVE SETTINGS CANCEL

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Traffic Mapping

VOIP Rule

Index	Rule Name	Traffic Type	Details
0	VoIP Phones	IP Address	High

User Rule

Index	Rule Name	Traffic Type	Priority	Configure
0	VoIP Phones	IP Address	High	<input type="button" value="Edit"/> <input type="button" value="Del"/>

Add traffic class

This page displays the QoS rules previously configured. If you configured a rule, it will appear under the "User Rule" category. If you subscribed for a VoIP plan, then those rules will be automatically configured by the router and appear under the "VoIP Rule" category.

You may add new rules by clicking on the "Add traffic class" button.

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Traffic Mapping

Edit Traffic Class

Rule Name: VoIP Phones

Traffic Type: IP Address

IP Address: Local Address: IP Range 192 . 168 . 42 . 200 ~ 255
Remote Address: Any

Priority: High

SAVE SETTINGS CANCEL

This page allows you to add rules based on MAC address, IP address or TCP/UDP.

You may also specify which priority queue the rule should be placed in (by default each rule will be placed in the normal queue).

All unmatched traffic (i.e. traffic not specified by any rule) is put in the normal queue.