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Bandwidth Management - How to QoS VPN traffic ?

Step 1: Please refer to the following example to setup a LAN to LAN VPN first.

Step 2: Setup the QoS

Input the WAN Inbound/Outbound Bandwidth.

Specify the Class Name and Reserved_bandwidth Ratio.

Click the "Advance" button.

DrayTek Vigor2900 series Broadband Security Router

> Advanced Setup > QoS Control Setup

WAN Inbound Bandwidth: Kbps
 WAN Outbound Bandwidth: Kbps

Enable the QoS Control

Direction:

Index	Class Name	Reserved_bandwidth Ratio	Setup
1.	<input type="text" value="VPN"/>	<input type="text" value="85"/> %	<input type="button" value="Basic"/> <input type="button" value="Advance"/>
2.	<input type="text"/>	<input type="text" value="1"/> %	<input type="button" value="Basic"/> <input type="button" value="Advance"/>
3.	<input type="text"/>	<input type="text" value="1"/> %	<input type="button" value="Basic"/> <input type="button" value="Advance"/>
4.	Others	<input type="text" value="13"/> %	

Enable UDP Bandwidth Control Limited_bandwidth Ratio: %

[Online Statistics](#)

Edit the local subnet as Source address and remote subnet as Destination Address

DrayTek Vigor2900 series Broadband Security Router

> Advanced Setup > QoS Control Setup > Advanced Configuration

Class Index # 1

NO	Status	Source Address	Destination Address	DiffServ CodePoint	Service Type
1.	Active	192.168.29.0 (mask:255.255.255.0)	192.168.55.0 (mask:255.255.255.0)	ANY	ANY

new Rule Before (Rule Number).

selected Rule (select an Index Number) To (Rule Number).

Selected Rule

Selected Rule

Now you can see the QoS bandwidth status in QoS Online Statistics.

(If the reserved bandwidth for VPN traffic is not fully used, the left bandwidth will be allocated for other services.)

DrayTek **Vigor2900 series**
Broadband Security Router

> Advanced Setup > QoS Control Setup > Online Statistics

Online Statistics

Index	Direction	Class Name	Reserved-bandwidth Ratio	Outbound Throughput (Bytes/sec)
1	OUT	VPN	85%	336
2	OUT		1%	0
3	OUT		0	
4	OUT	Others	13%	29

Refresh Interval seconds

Outbound Status

Class Name	Reserved-bandwidth Ratio	Outbound Throughput (Bytes/sec)
VPN	85%	336
Others	13%	29

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