



Port Triggering Setup Guide

Modem Router - **NF4V**



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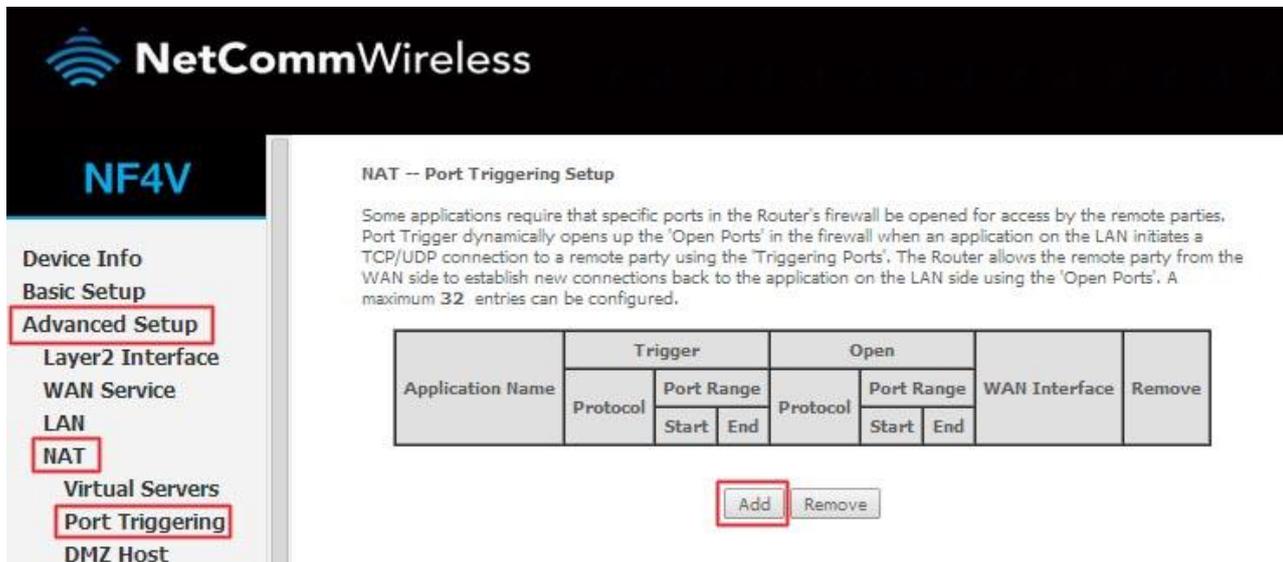
If you have a VPN client software such as Cisco VPN client or Netel connectivity client' running on your computer behind the NF4V, and if you are not able to connect to VPN through please refer to the instructions below.

LOGGING IN TO THE WEB INTERFACE

1. Open a web browser (such as Internet Explorer, Google Chrome or Firefox), type **http://192.168.20.1** into the address bar and press **enter**.
2. At the login screen, type **admin** into both the Username and the Password fields and click **OK**.



3. Click on the **Advance Setup** menu at the left of the page, then click on **Port Triggering** option and then click on **ADD** option.



4. Please leave User Interface as default (**Australia: pppoe0_8_35/pppoe0**, **New Zealand: pppoa0_0_100/pppoe0**).
5. Select **Custom application** and type a name for the application Example: **VPN**.
6. Add the following ports: **TCP 1723 / UDP500 / UDP1701** and click on **Save/Apply**.

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 - DLNA
 - Packet Acceleration
 - Storage Service
 - Interface Grouping

NAT -- Port Triggering

Some applications such as games, video conferencing, remote access applications and others require that specific ports in the Router's firewall be opened for access by the applications. You can configure the port settings from this screen by selecting an existing application or creating your own (Custom application) and click "Save/Apply" to add it.

Remaining number of entries that can be configured:32

Use Interface: pppoa_0_0_100/pppoa0

Application Name:

Select an application: Select One

Custom application: VPN

Apply/Save

Trigger Port Start	Trigger Port End	Trigger Protocol	Open Port Start	Open Port End	Open Protocol
1723	1723	TCP	1723	1723	TCP
500	500	UDP	500	500	UDP
1701	1701	UDP	1701	1701	UDP
		TCP			TCP
		TCP			TCP
		TCP			TCP
		TCP			TCP
		TCP			TCP

Save/Apply

7. Once the port triggering rules have been created as shown below you should be able to establish your VPN connection.

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NAT -- Port Triggering Setup

Some applications require that specific ports in the Router's firewall be opened for access by the remote parties. Port Trigger dynamically opens up the 'Open Ports' in the firewall when an application on the LAN initiates a TCP/UDP connection to a remote party using the 'Triggering Ports'. The Router allows the remote party from the WAN side to establish new connections back to the application on the LAN side using the 'Open Ports'. A maximum 32 entries can be configured.

Application Name	Trigger		Open			WAN Interface	Remove
	Protocol	Port Range Start End	Protocol	Port Range Start End			
VPN	TCP	1723 1723	TCP	1723 1723	pppoa0	<input type="checkbox"/>	
VPN	UDP	500 500	UDP	500 500	pppoa0	<input type="checkbox"/>	
VPN	UDP	1701 1701	UDP	1701 1701	pppoa0	<input type="checkbox"/>	

Add Remove