



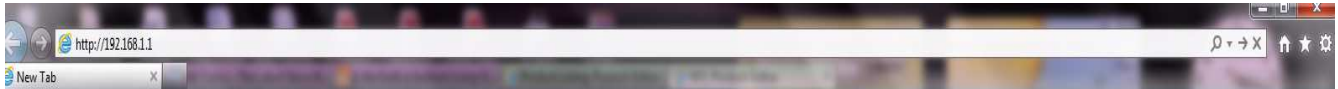
VPN Setup Guide

(NB304n)

NB304n VPN Setup Guide

If you have a VPN client software such as Cisco VPN client or Netel connectivity client' running on your computer behind the NB304n, and if you are not able to connect to VPN through please refer to the instructions below.

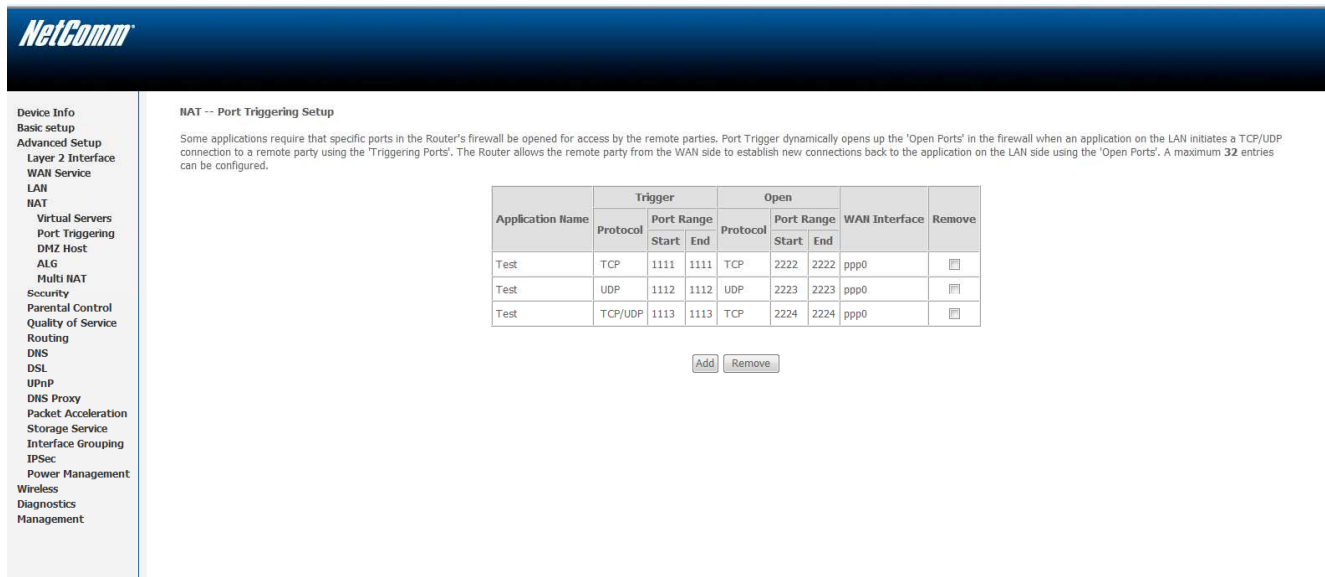
1. Open your web browser and navigate to <http://192.168.1.1>



2. Use "**admin**" (without the quotes) for the username and "**admin**" (without the quotes) for the password.



3. Select **Advance Setup > NAT > Port Triggering and click **ADD**.**



NAT -- Port Triggering Setup

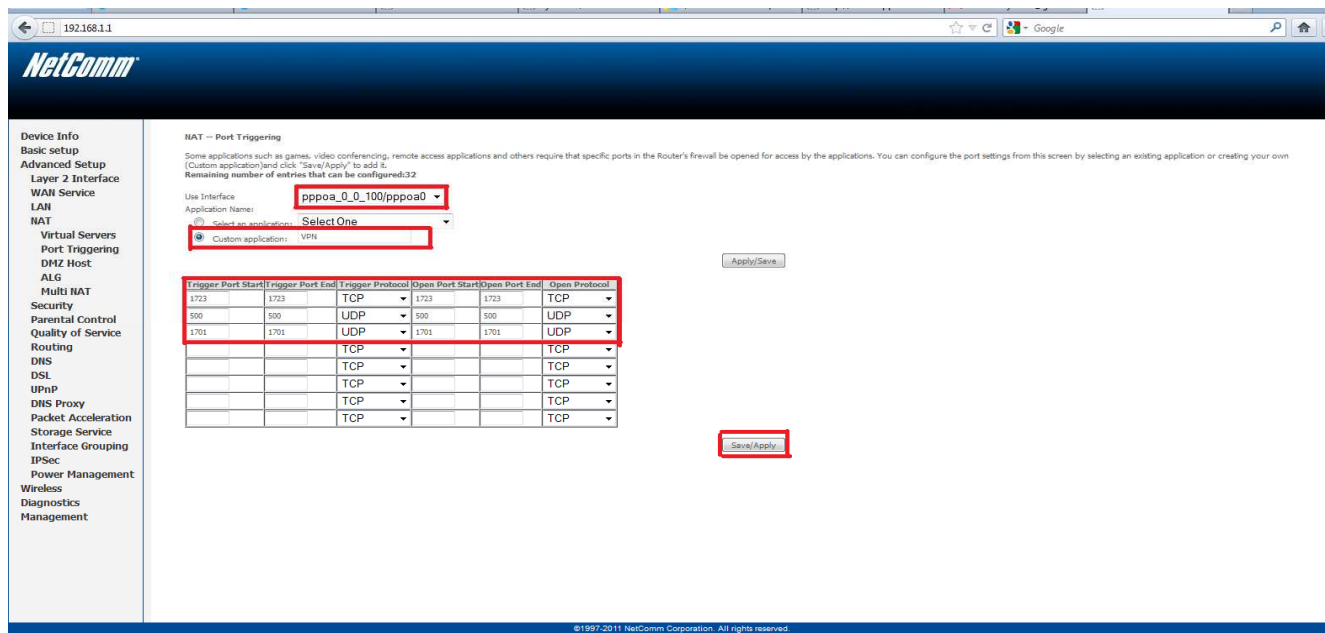
Some applications require that specific ports in the Router's firewall be opened for access by the remote parties. Port Trigger dynamically opens up the 'Open Ports' in the firewall when an application on the LAN initiates a TCP/UDP connection to a remote party using the 'Triggering Ports'. The Router 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		
Test	TCP	1111 1111	TCP	2222 2222	ppp0	<input type="checkbox"/>
Test	UDP	1112 1112	UDP	2223 2223	ppp0	<input type="checkbox"/>
Test	TCP/UDP	1113 1113	TCP	2224 2224	ppp0	<input type="checkbox"/>

4. Please leave User Interface as default (Australia: pppoe0_8_35/pppoe0, New Zealand: pppoa0_0_100/ppp0a0).

5. Select **Custom application and type a name for the application Example: **VPN**.**

6. Add the following application ports: **TCP 1723 / UDP500 / UDP1701 and click on **Save/Apply**.**



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:

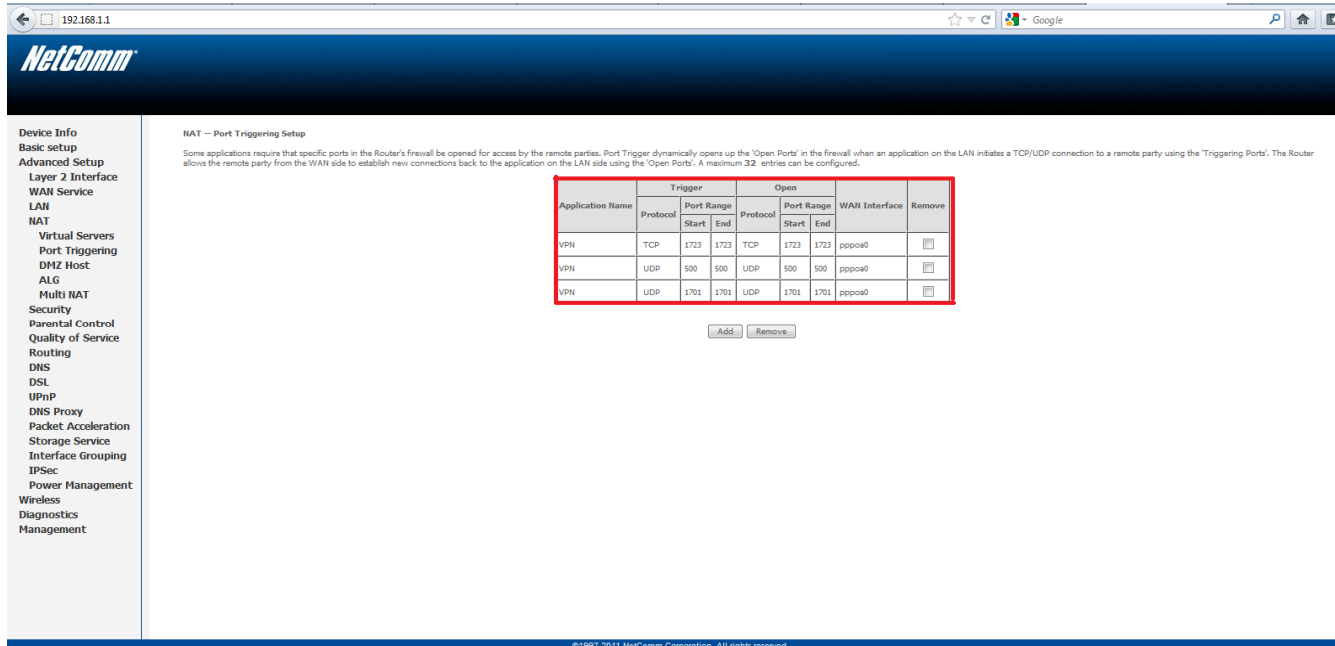
Application Name:

Custom application:

Trigger Port	Start	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

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Once ports triggering rules have been created as shown below you successfully be able to establish your VPN connection.



192.168.1.1

NetComm

Device Info
Basic Setup
Advanced Setup
Layer 2 Interface
WAN Service
LAN
NAT
Virtual Servers
Port Triggering
DMZ Host
ALG
Multi NAT
Security
Parental Control
Quality of Service
Routing
DNS
DSL
UPnP
DNS Proxy
Packet Acceleration
Storage Service
Interface Grouping
IPSec
Power Management
Wireless
Diagnostics
Management

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	Protocol	Port Range				
		Start	End	Start	End			
VPN	TCP	1723	1723	TCP	1723	1723	ppp0w0	<input type="checkbox"/>
VPN	UDP	500	500	UDP	500	500	ppp0w0	<input type="checkbox"/>
VPN	UDP	1701	1701	UDP	1701	1701	ppp0w0	<input type="checkbox"/>

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