

PORT TRIGGERING FOR VPN CONNECTIONS SETUP GUIDE

NF20MESH FAQs



NF20MESH Port Triggering for VPN Setup Guide

If you have a VPN client software such as Cisco VPN client or Nortel connectivity client running on your computer behind the NF20MESH, and if you cannot connect to VPN, then please refer to the instructions below.

This guide has been revised to include the latest changes and updates from the NF20MESH's new web user interface.

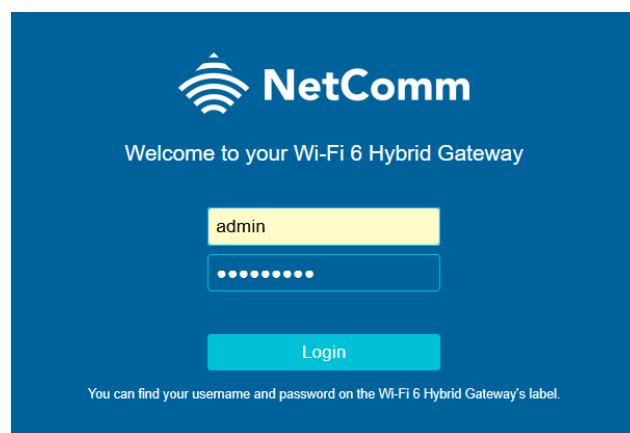
Log in to the web interface

1. Open a web browser (such as Internet Explorer, Google Chrome or Firefox), type following address into the address bar and press enter.

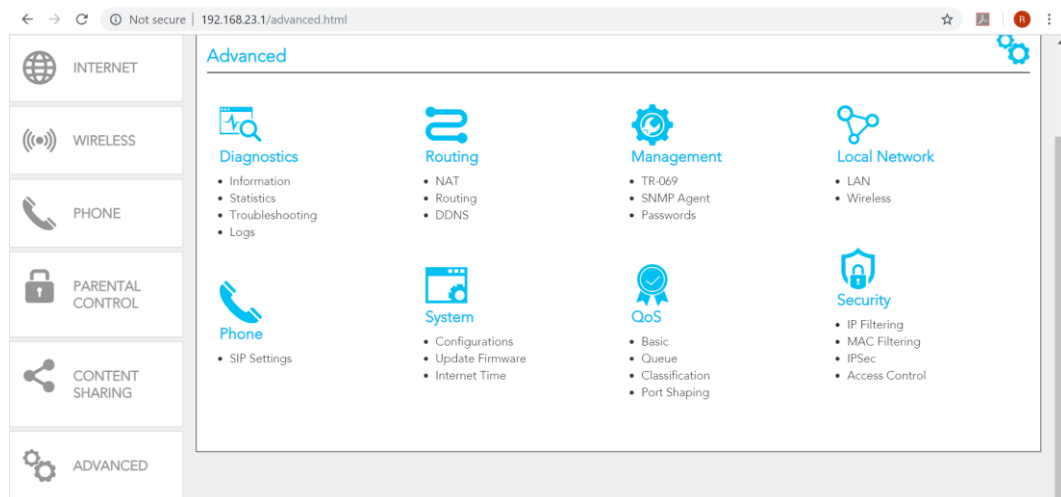
<http://192.168.20.1>

Type “**admin**” in the Username and password printed on the back of the modem in the Password field and click the Login button.

NOTE – Some Internet Service Providers use custom password. If login fails, contact your Internet Service Provider. Use your own password if it is changed.



- Click on the **Advanced** menu at the left of the page, then under **Routing** click on **NAT**.



- Under Port Triggering option click on **ADD** button.

PHONE

PARENTAL CONTROL

CONTENT SHARING

ADVANCED

- NAT
- Routing
- DDNS

ADD

a different port number used by the server on the LAN side. A maximum 32 entries can be configured.

Server Name	External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End	Server IP Address	WAN Interface	LAN Loopback	Action	Delete
Add										

Port Triggering

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	Port Range		
		Start	End		Start	End	
Add							

DMZ Host

- Please leave **User Interface** as default.
- Type **Service Name**. Example: **VPN**

6. Add Port Start and Port End as you required (Range of ports that you want to open). Select port type UDP or TCP. click on **Apply/Save**.

Add Port Triggering Rules

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:

Use Interface:

ADSL_Exetel/ppp0.1

Service Name:

VPN

Trigger Port Start:

1723

Trigger Port End:

1723

Trigger Protocol:

TCP

Open Port Start:

1723

Open Port End:

1723

Open Protocol:

TCP

Apply/Save

Close

Port Triggering

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	ppp0.1	Delete

Add

7. If we want to add more port click on **ADD** button and add **UDP 500** click on **Apply/Save**

Add Port Triggering Rules

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:

Use Interface:

ADSL_Exetel/ppp0.1

Service Name:

VPN

Trigger Port Start:

500

Trigger Port End:

500

Trigger Protocol

UDP

Open Port Start:

500

Open Port End:

500

Open Protocol

UDP

Apply/Save

Close

Port Triggering

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	ppp0.1	Delete
VPN	UDP	500	500	UDP	500	500	ppp0.1	Delete

Add

8. Again click on **ADD** button and add **TCP 1701** click on **Apply/Save**

Add Port Triggering Rules

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:

Use Interface: ADSL_Exetel/ppp0.1

Service Name: VPN

Trigger Port Start: 1701

Trigger Port End: 1701

Trigger Protocol: TCP

Open Port Start: 1701

Open Port End: 1701

Open Protocol: TCP

Apply/Save **Close**

Port Triggering

Some applications require that specific ports in the Router's firewall be opened for access by the remote parties. Port Trigger dynamically opens 'Open Ports' in the firewall when an application on the LAN initiates a TCP/UDP connection to a remote party using the 'Triggering Ports'. This 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 total of 10 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	ppp0.1	Delete
VPN	UDP	500	500	UDP	500	500	ppp0.1	Delete
VPN	TCP	1701	1701	TCP	1701	1701	ppp0.1	Delete

Add

9. Once the port triggering rules have been created you should be able to establish your VPN connection.