

Port Triggering for VPN Connections Setup Guide

NF18ACV FAQs

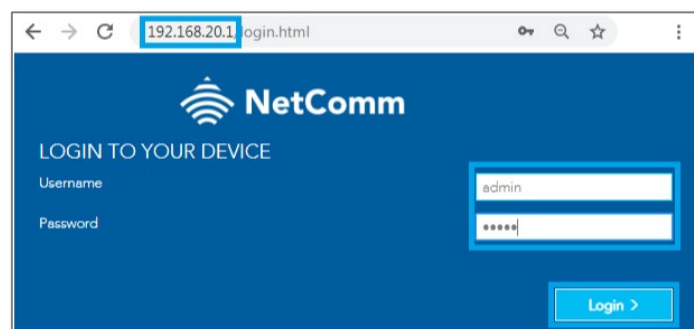
Port Triggering for VPN Setup Guide

If you have a VPN client software such as Cisco VPN client or Nortel connectivity client running on your computer behind the NF18ACV, and if you are not able to connect to VPN, then please refer to the instructions below.

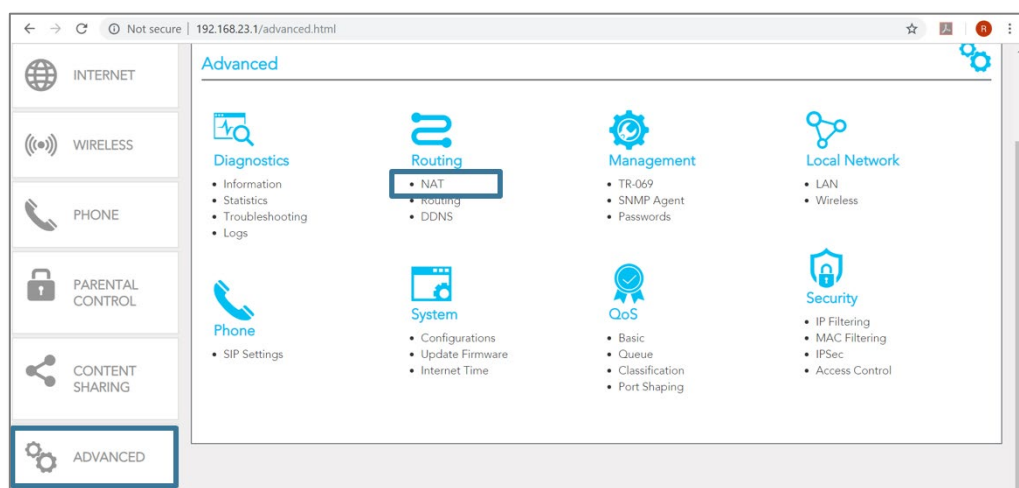
This guide has been revised to include the latest changes and updates from the NF18ACV's new NC2 web user interface.

Log 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 Enter your **Username** and **Password** and click the **Login>** button.



- 3 Click on the **Advanced** menu at the left of the page, then select **NAT** from the **Routing** group.



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

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			
		Start End		Start	End		
Add							

[DMZ Host](#)

- 4 In the **Add Port Triggering Rules** page
 - a Leave **User Interface** as default.
 - b Type **Service Name**. Example: **VPN**
 - c Add the following ports: **TCP 1723**
 - d Click the **Apply/Save** button.

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

- 5 The new Port Triggering Rule will be added to the table in the **Port Triggering** page:

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

Add **Delete**

- 6 Again click on **ADD** button and add **UDP 500**:

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**

- 7 The new Port Triggering Rule for port 500 will be added to the table in the **Port Triggering** page:

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
VPN	UDP	500	500	UDP	500	500	ppp0.1

Add **Delete**

- 8 Again click on **ADD** button and add **TCP 1701**:

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**

- 9 Click the **Apply/Save** button.
- 10 The new Port Triggering Rule for port 1701 will be added to the table in the **Port Triggering** page:

Port Triggering

Some applications require that specific ports in the Router's firewall be opened for access by the remote parties. 'Open Ports' in the firewall when an application on the LAN initiates a TCP/UDP connection to a remote party allows the remote party from the WAN side to establish new connections back to the application on the LAN side. 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

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