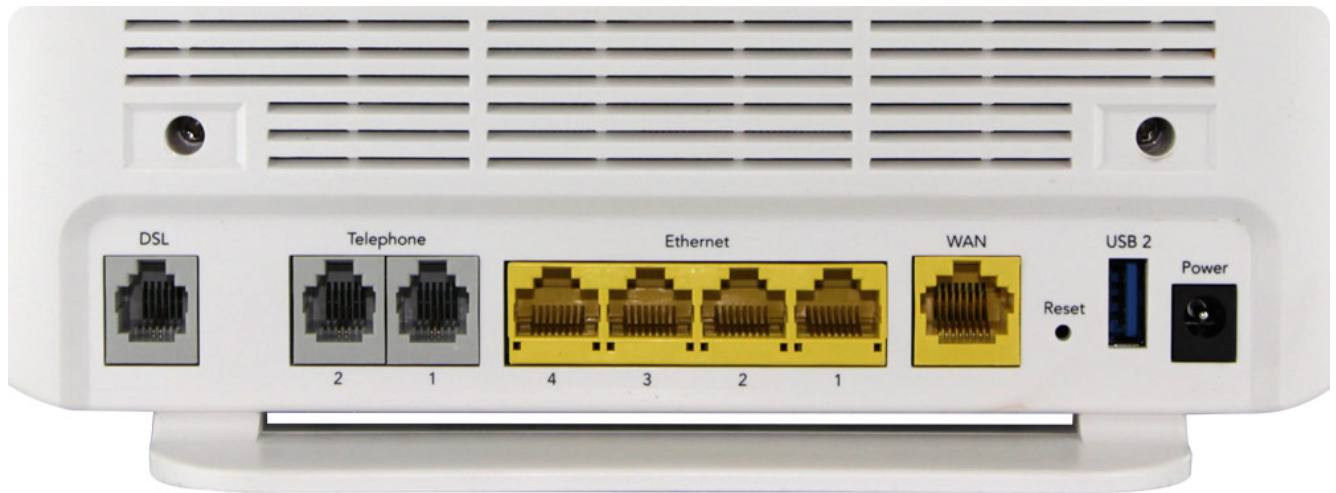


Netcomm NF4V Modem Router Setup Guide (VDSL)

Bigpipe Setup Guide for Netcomm NF4V Modem Router (VDSL)



This section details how to plug the modem in – to both power and the internet. Before you start you will need to identify where DSL comes into your home. If you have previously had broadband, continue to use the same outlet. If you're in a new home, look for an outlet labelled ADSL. If you cannot find a labelled outlet try every outlet in your house, or ask your landlord or the previous occupant.



To install the router:

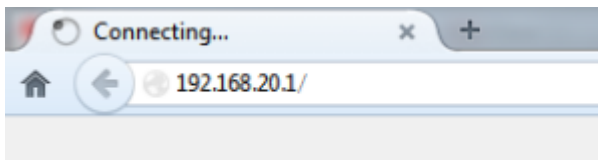
1. Connect Router to power
2. Connect the DSL port on the router to a jackpoint on the wall
3. Connect Router to computer (i.e.: PC or laptop)

Setting up for Bigpipe

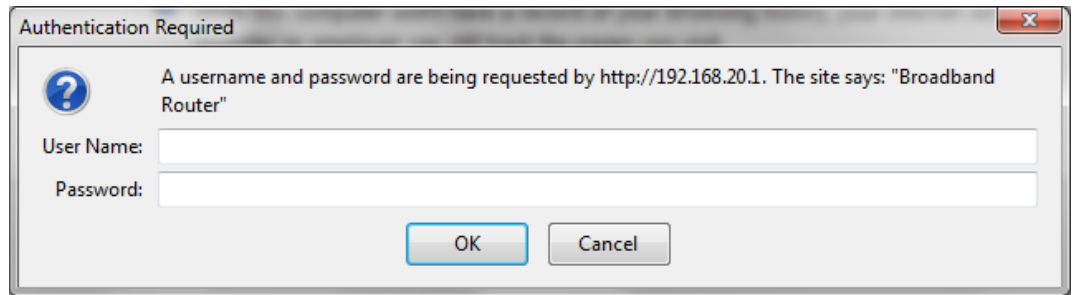
Basic and Fast – VDSL

To set the modem up for the *Turbo* plan:

1. Launch your Web Browser (e.g.: Internet Explorer, Chrome or Firefox).
2. Access the modem settings:

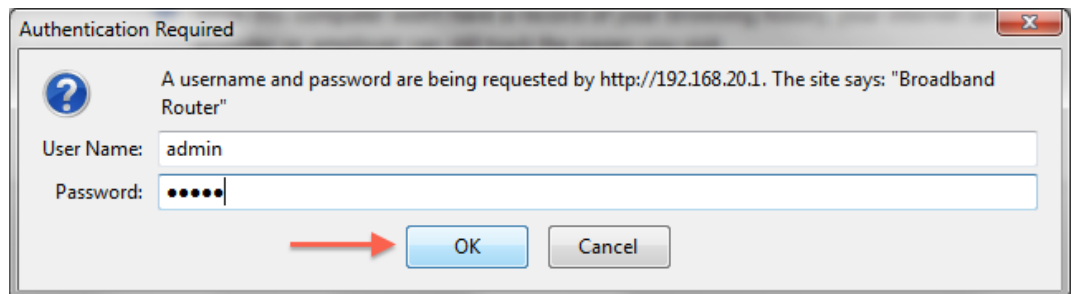


1. Type *192.168.20.1* into the address bar.
2. Press the ENTER key.
The login screen displays.



3. Login to the modem page:


Username	<i>admin</i>
Password	<i>admin</i>



If that Username and Password do not work you should RESET the modem to factory settings (see the instructions below).

4. Click the **Log In** button.

The modem's Dashboard screen displays.


NetCommWireless

NF4V

Device Info
Basic Setup
Quick Setup
Advanced Setup
Wireless
Voice
Diagnostics
Management

Device Info

Manufacturer:	NetComm Wireless
Product Class:	NF4V
Serial Number:	131 <input type="text"/>
Build Timestamp:	201309161742
Software Version:	GURNV5.OT132A-8-NC.AU-R5B014.EN
Bootloader (CFE) Version:	1.0.38-114.170
DSL PHY and Driver Version:	A2pv6F039d.d24l
Wireless Driver Version:	6.30.163.23.cpe4.12L
Voice Service Version:	V2.4
Uptime:	0D 0H 2M 56S

This information reflects the current status of your WAN connection.

Line Rate - Upstream (Kbps):	696
Line Rate - Downstream (Kbps):	19163
LAN IPv4 Address:	192.168.20.1
Default Gateway:	
Primary DNS Server:	0.0.0.0
Secondary DNS Server:	0.0.0.0
LAN IPv6 Address:	
Default IPv6 Gateway:	
Date/Time:	Sat Nov 19 00:02:47 2011

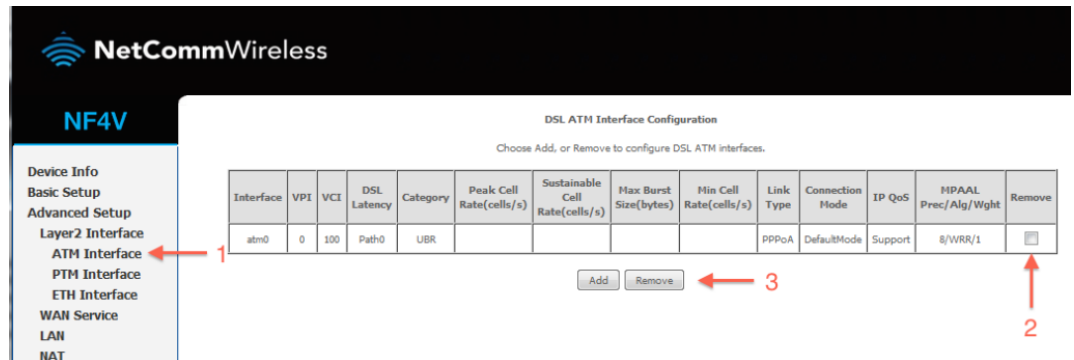
3. Configure the modem for Bigpipe:

1. From the menu on the left, click **Advanced Setup**.

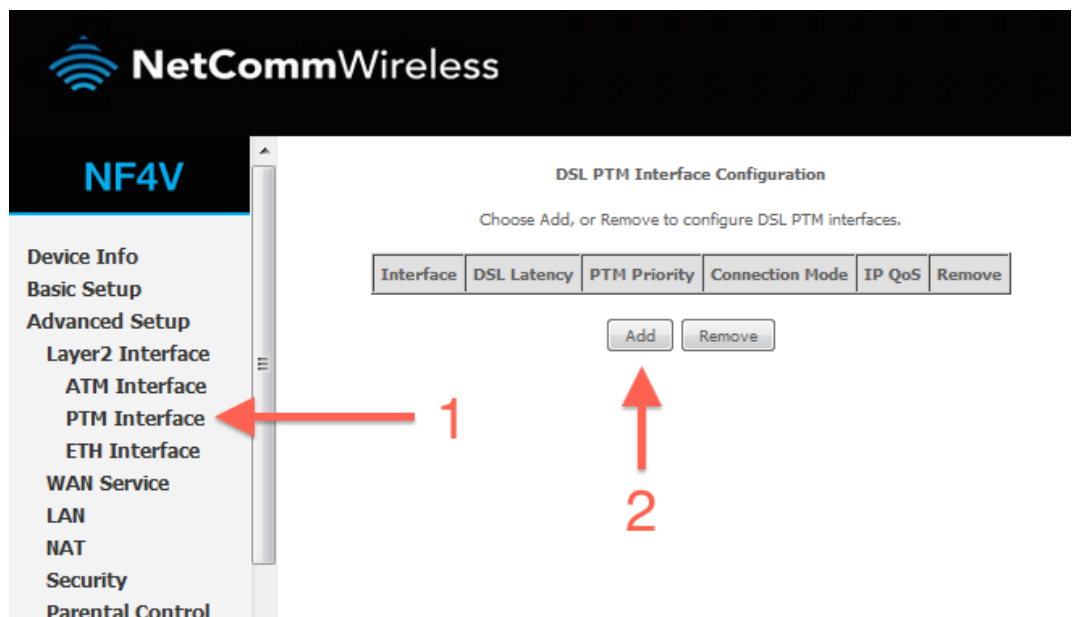


2. Remove all old WAN services if there are any present.

1. Click on WAN service.
2. Tick each interface that is present.
3. Click remove.

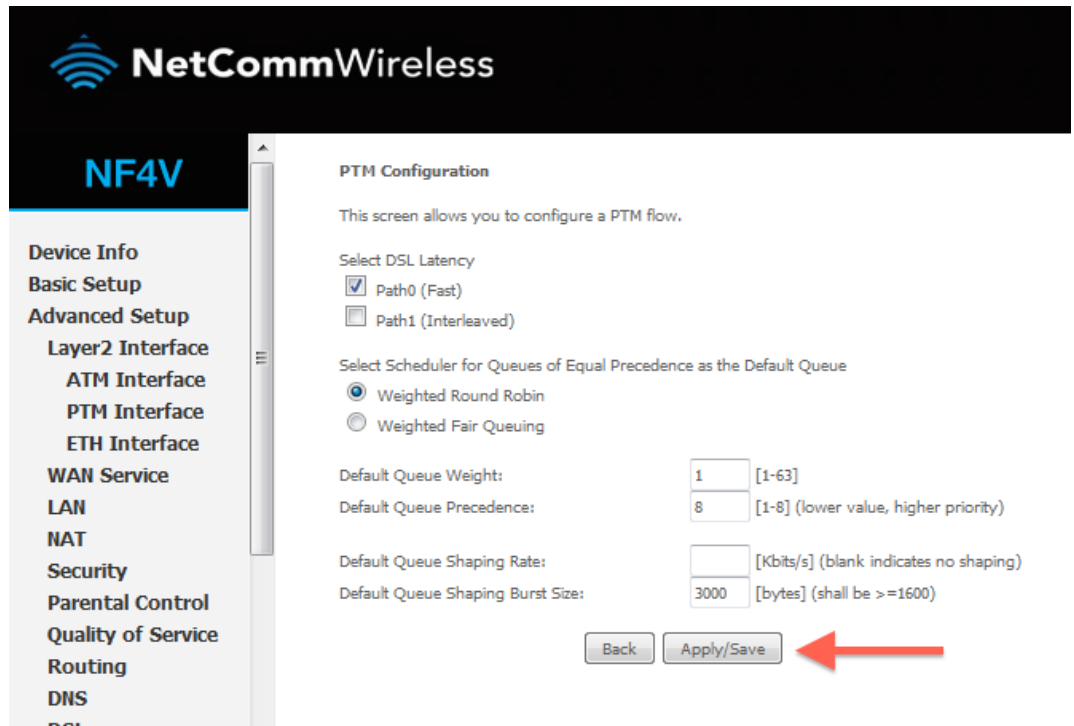


1. Check to see that there are no old PTM interfaces.
If there are, remove them with the steps below:
 1. Click PTM Interface
 2. Tick the remove box(es)
 3. Click remove.
2. Add your new PTM interface.
 1. Click PTM Interface.
 2. Click the Add button under the PTM interface.



3. Enter the required settings for your new PTM interface.
 1. Leave all settings on defaults
 2. Click

Apply/Save.



The screenshot shows the NetCommWireless NF4V web interface. On the left is a navigation menu with options: Device Info, Basic Setup, Advanced Setup, Layer2 Interface, ATM Interface, PTM Interface, ETH Interface, WAN Service, LAN, NAT, Security, Parental Control, Quality of Service, Routing, DNS, and NSI. The main content area is titled 'PTM Configuration' and includes the following settings:

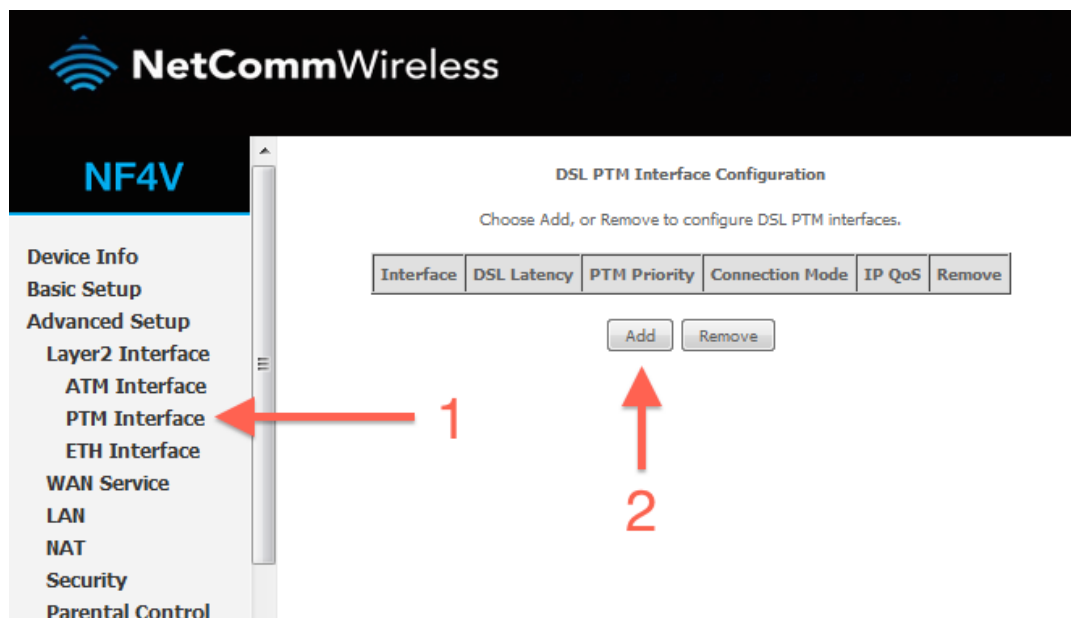
- Select DSL Latency: ☒ Path0 (Fast), ☐ Path1 (Interleaved)
- Select Scheduler for Queues of Equal Precedence as the Default Queue: ☒ Weighted Round Robin, ☐ Weighted Fair Queueing
- Default Queue Weight: 1 [1-63]
- Default Queue Precedence: 8 [1-8] (lower value, higher priority)
- Default Queue Shaping Rate: [] [Kbits/s] (blank indicates no shaping)
- Default Queue Shaping Burst Size: 3000 [bytes] (shall be >=1600)

At the bottom right, there are 'Back' and 'Apply/Save' buttons. A red arrow points to the 'Apply/Save' button.

4. Add a new WAN service.

1. Click WAN service

2. Click Add



The screenshot shows the NetCommWireless NF4V web interface for 'DSL PTM Interface Configuration'. The left navigation menu is the same as in the previous screenshot. The main content area has the title 'DSL PTM Interface Configuration' and the instruction 'Choose Add, or Remove to configure DSL PTM interfaces.' Below this is a table with the following headers: Interface, DSL Latency, PTM Priority, Connection Mode, IP QoS, and Remove. Below the table are 'Add' and 'Remove' buttons. A red arrow labeled '1' points to the 'PTM Interface' option in the left navigation menu. Another red arrow labeled '2' points to the 'Add' button.

5. Select your new PTM interface.

1. Select ptm0\(\0_0_100).

2. Click Next.

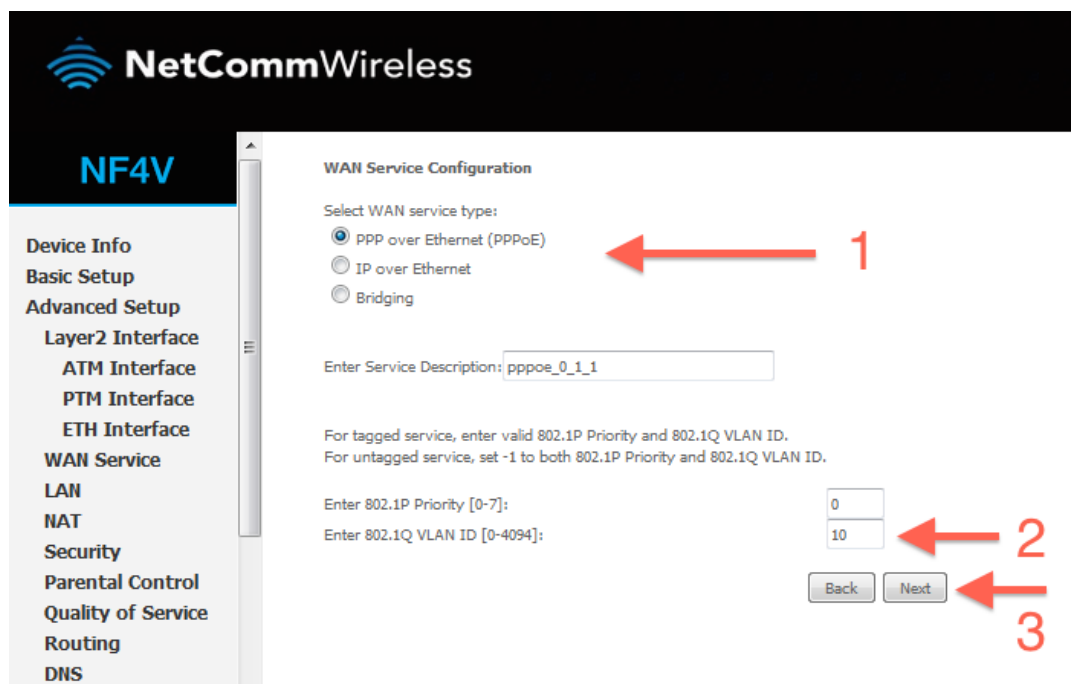


6. Enter a service name if desired.

1. Select PPP over Ethernet.

2. Enter Priority 0 and VLAN ID 10.

3. Change the service name if desired, or leave on the default and click **Next**.



7. Enter a PPP username and password.

1. Enter a PPP username and password. These can be anything you like, but cannot contain special characters or be left blank.

Set authentication method to AUTO and MTU to 1492.

2. Click Next.

PPP Username and Password

PPP usually requires that you have a user name and password to establish your connection. In the boxes below, enter the user name and password that your ISP has provided to you.

PPP Username:

PPP Password:

Authentication Method: **AUTO**

MTU[576-1492]:

☐ Config KeepAlive

☐ Enable Fullcone NAT

☐ Dial on demand (with idle timeout timer)

☒ Enable IPv4 for this service


☐ Use Static IPv4 Address

☐ Enable IPv6 for this service

☐ Enable PPP Debug Mode

Multicast Proxy

☐ Enable IGMP Multicast Proxy



8. Ensure ppp0.1 is in the left column, and click Next.

NetCommWireless

NF4V


Routing -- Default Gateway

Default gateway interface list can have multiple WAN interfaces served as system default gateways but only one will be used according to the priority highest and the last one the lowest priority if the WAN interface is connected. Priority order can be changed by removing all and adding them back.

Selected Default Gateway Interfaces

ppp0a0

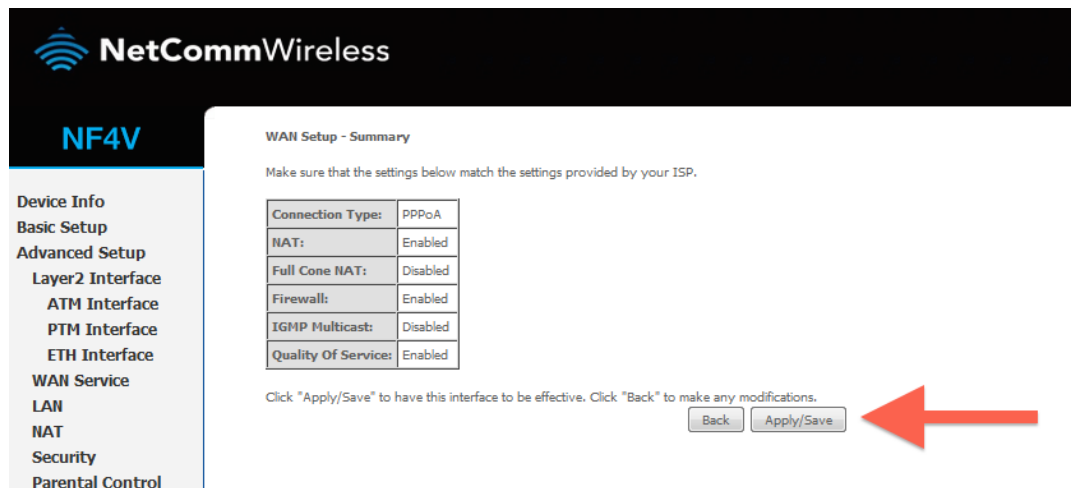
Available Routed WAN Interfaces



9. Ensure ppp0.1 is in the left column, and click Next.

Click **Save/Reboot**

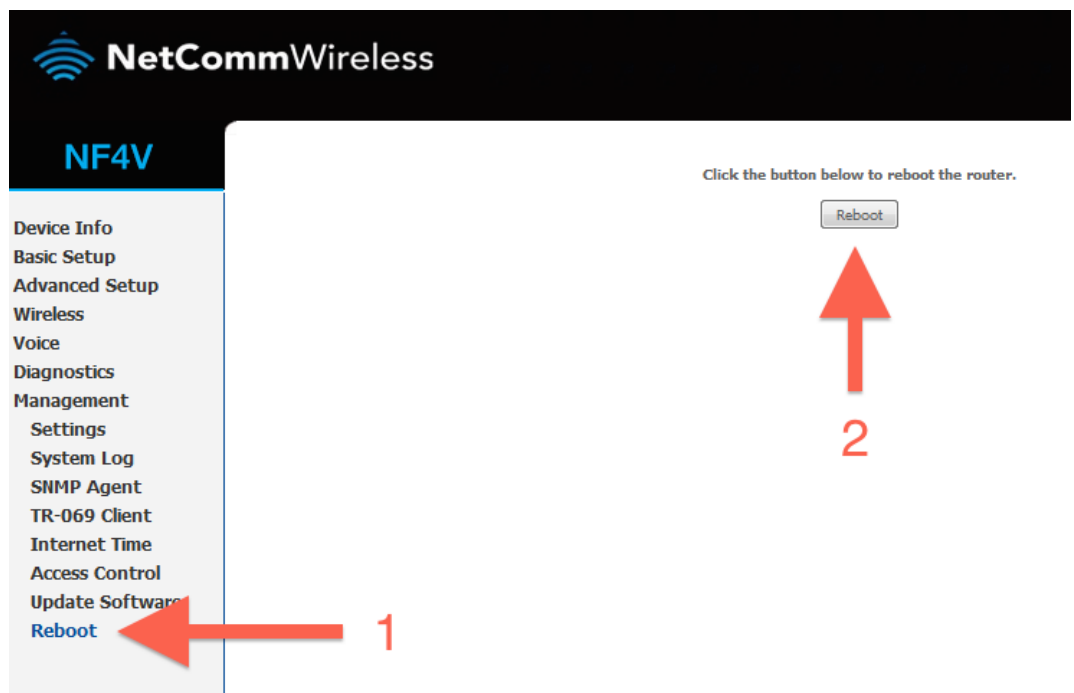
10. Click Apply/Save.



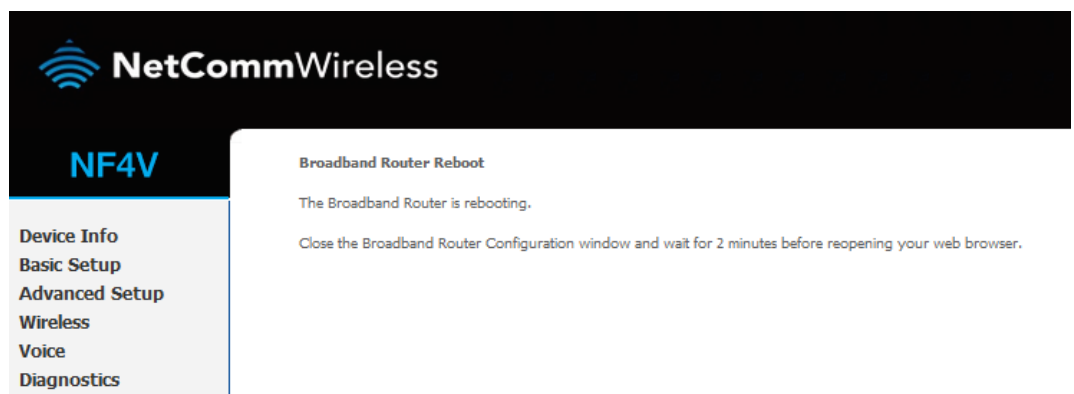
11. Reboot your router.

1. Click Reboot in the bottom left menu.

2. Click the reboot button.



12. Your router should now restart.



13. Your router is now configured for Bigpipe VDSL. After your router has rebooted you should be able to browse the internet.

Disclaimer: Our modem guides are just for setting up your Bigpipe connection with these specific models of modem. If something goes wrong during setup we recommend doing a factory reset of your modem and – if necessary – getting in touch with the Bigpipe support team. These guides don't cover everything your modem can do. If you want to get more in-depth, we recommend starting with Googling your modem model number.

Resetting the Router

If something goes wrong with your router, you can reset the device to the default Factory settings. You will lose any of your customised settings.

To reset the modem:

1. Check it is on (i.e.: plugged in with one or more lights lit).
You cannot reset the modem if it is off.
2. Use something, like a paperclip, to press and hold the **Factory Reset** button, which is in between the plug and the USB port.



3. Hold for 5 seconds.
4. Release the **Factory Reset** button.
5. After a few seconds, the modem will start to reset.
The modem will have reset itself to its original factory settings. Any customised settings will have been lost.