



# Bridge Mode Setup

## Modem Router - **NF4V**



# Bridge Mode

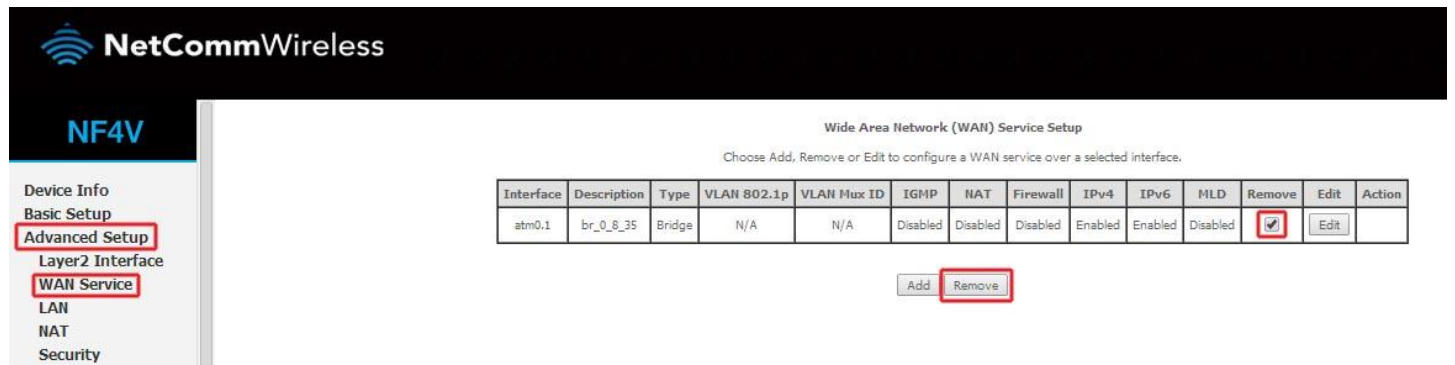
This guide will take you through the steps required to set your modem to bridged mode.

## LOGGING IN TO THE WEB INTERFACE

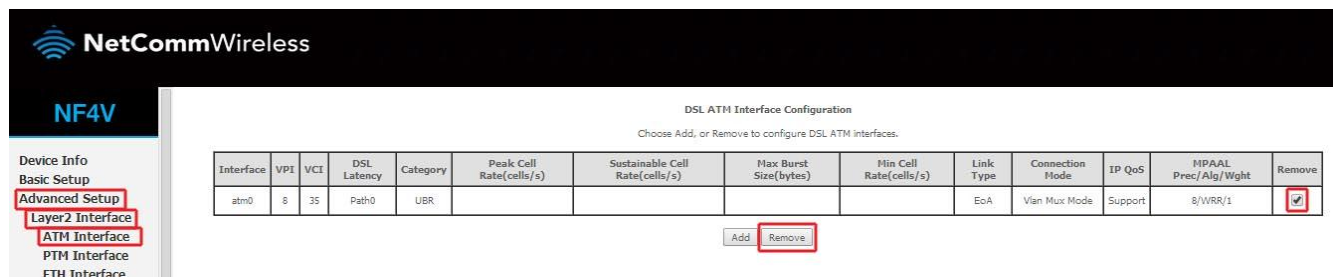
1. Open a web browser (such as Internet Explorer, Google Chrome or Firefox), type **http://192.168.20.1** into the address bar and press **enter**.
2. At the login screen, type **admin** into both the Username and the Password fields and click **OK**.



3. Click on the **Advanced Setup** menu at the left of the page and then click on **WAN Service** option



4. Tick the **Remove** checkbox and then click the **Remove** button.
5. Select **Advanced Setup** and then click **Layer 2 Interface** option and then Click **ATM Interface** option.



6. Tick the **Remove** checkbox and then click the **Remove** button.

7. Click the **Add** button.

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DSL ATM Interface Configuration

Choose Add, or Remove to configure DSL ATM interfaces.

Interface	VPI	VCI	DSL Latency	Category	Peak Cell Rate(cells/s)	Sustainable Cell Rate(cells/s)	Max Burst Size(bytes)	Min Cell Rate(cells/s)	Link Type	Connection Mode	IP QoS	MPAAL Prec/Alg/Wght	Remove

**Add** Remove

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ATM PVC Configuration

This screen allows you to configure a ATM PVC.

VPI:  [0-255] **8 for Australia customers and 0 for New Zealand customers**

VCI:  [32-65535] **35 for Australia customers and 100 for New Zealand customers**

Select DSL Latency

Path0 (Fast)

Path1 (Interleaved)

Select DSL Link Type (EoA is for PPPoE, IPoE, and Bridge.)

EoA

PPPoA

IPoA

Encapsulation Mode:

Service Category:

Minimum Cell Rate:  [cells/s] (-1 indicates no shaping)

Select Scheduler for Queues of Equal Precedence as the Default Queue

Weighted Round Robin

Weighted Fair Queuing

Default Queue Weight:  [1-63]

Default Queue Precedence:  [1-8] (lower value, higher priority)

VC WRR Weight:  [1-63]

VC Precedence:  [1-8] (lower value, higher priority)

Note: VC scheduling will be SP among unequal precedence VC's and WRR among equal precedence VC's.  
For single queue VC, the default queue precedence and weight will be used for arbitration.  
For multi-queue VC, its VC precedence and weight will be used for arbitration.

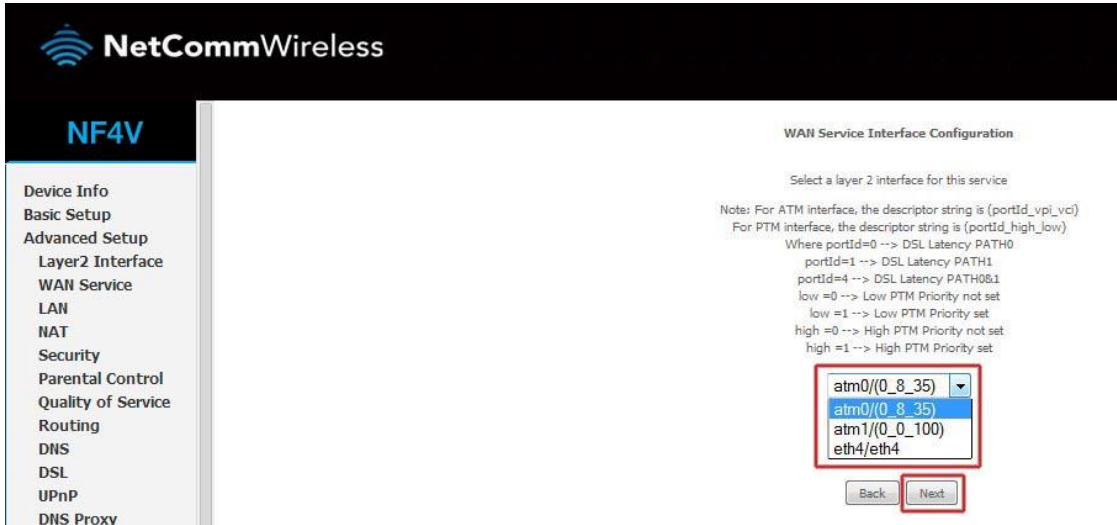
**Back** **Apply/Save**

8. Select the **VPI**. For most Australian customers, the VPI should be **8**. For New Zealand customers, use a VPI of **0**.
9. Select the **VCI**. For most Australian customers, the VCI should be **35**. For New Zealand customers, use a VCI of **100**.
10. Select **Path0** as the **DSL Latency** option.
11. Use **EoA** as the **DSL Link Type**.
12. Set the **Encapsulation Mode** as **LLC/Snap-Bridging**.
13. Select **UBR Without PCR** as the **Service Category**.
14. Leave any other settings as default and click the **Apply/Save** button

15. Select **Advanced Setup** menu and then click **WAN Service**.



16. Click the **Add** button.



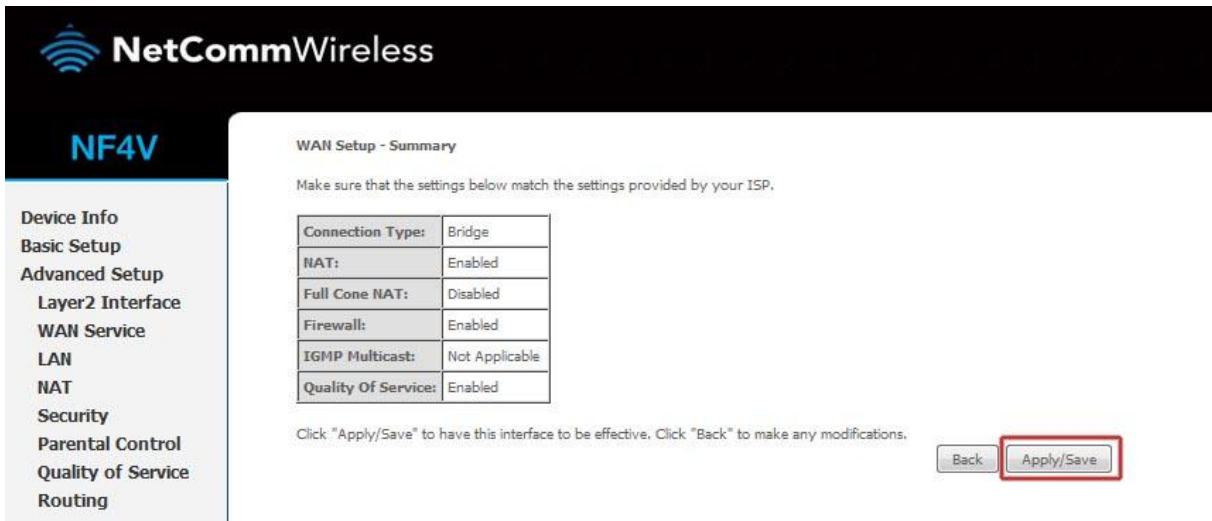
17. Australian users, select **atm0/(0\_8\_35)** and then click the Next button.

New Zealand users, select **atm1/(0\_0\_100)** and then click the Next button.



18. Select **Bridging** as the WAN Service type. There is also the option available to change the Service description or enable IPV6 for this service.

19. Click the **Next** button.



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- Device Info
- Basic Setup
- Advanced Setup
  - Layer2 Interface
  - WAN Service
  - LAN
  - NAT
  - Security
  - Parental Control
  - Quality of Service
  - Routing

WAN Setup - Summary

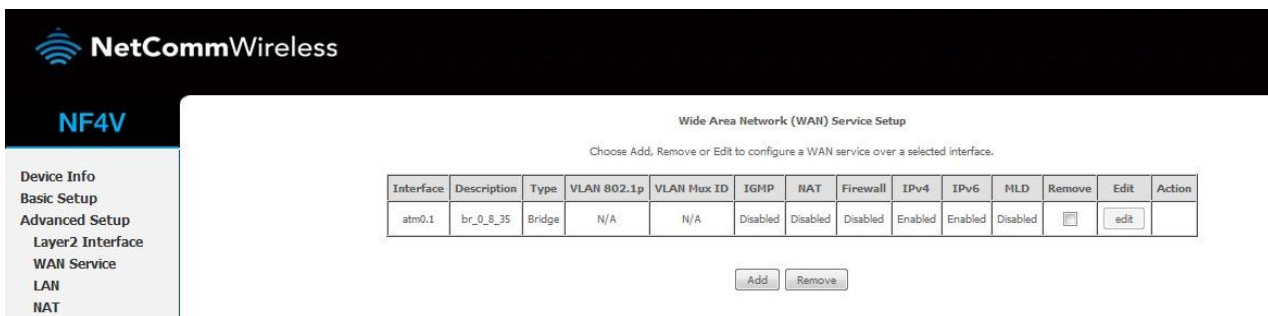
Make sure that the settings below match the settings provided by your ISP.

Connection Type:	Bridge
NAT:	Enabled
Full Cone NAT:	Disabled
Firewall:	Enabled
IGMP Multicast:	Not Applicable
Quality Of Service:	Enabled

Click "Apply/Save" to have this interface to be effective. Click "Back" to make any modifications.

Back Apply/Save

20. Click the **Apply/Save** button.



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**NF4V**

- Device Info
- Basic Setup
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  - Layer2 Interface
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  - LAN
  - NAT

Wide Area Network (WAN) Service Setup

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	VLAN 802.1p	VLAN Mux ID	IGMP	NAT	Firewall	IPv4	IPv6	MLD	Remove	Edit	Action
atm0.1	br_0_8_35	Bridge	N/A	N/A	Disabled	Disabled	Disabled	Enabled	Enabled	Disabled	<input type="checkbox"/>	edit	

Add Remove

21. Select **Management** and then click **Reboot** option.



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**NF4V**

- Device Info
- Basic Setup
- Advanced Setup
- Wireless
- Voice
- Diagnostics
- Management**
- Settings
- System Log
- SNMP Agent
- TR-069 Client
- Internet Time
- Access Control
- Update Software
- Reboot**

Click the button below to reboot the router.

Reboot

22. Click the **Reboot** button.

23. Your modem will now reboot. When it has finished restarting, it will then be in **bridge mode**.