



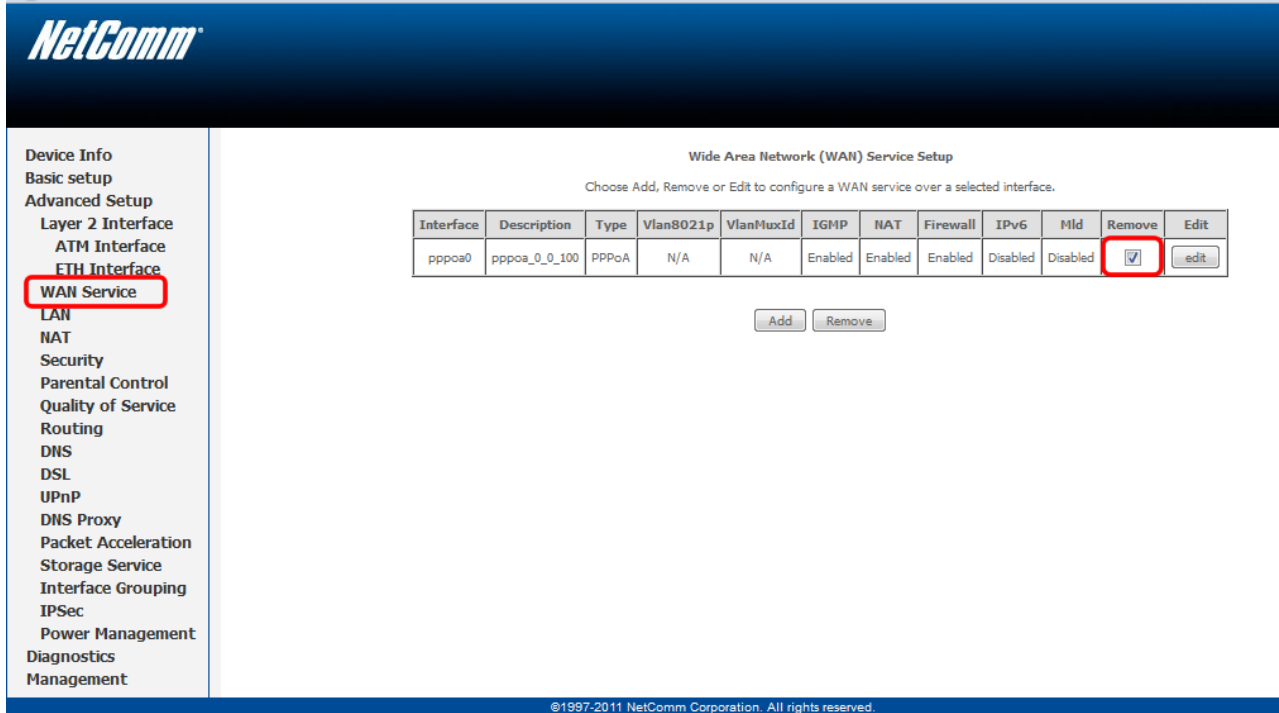
# NetCommWireless

## **Bridge Mode Setup** (NB304)

## Bridge Mode

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

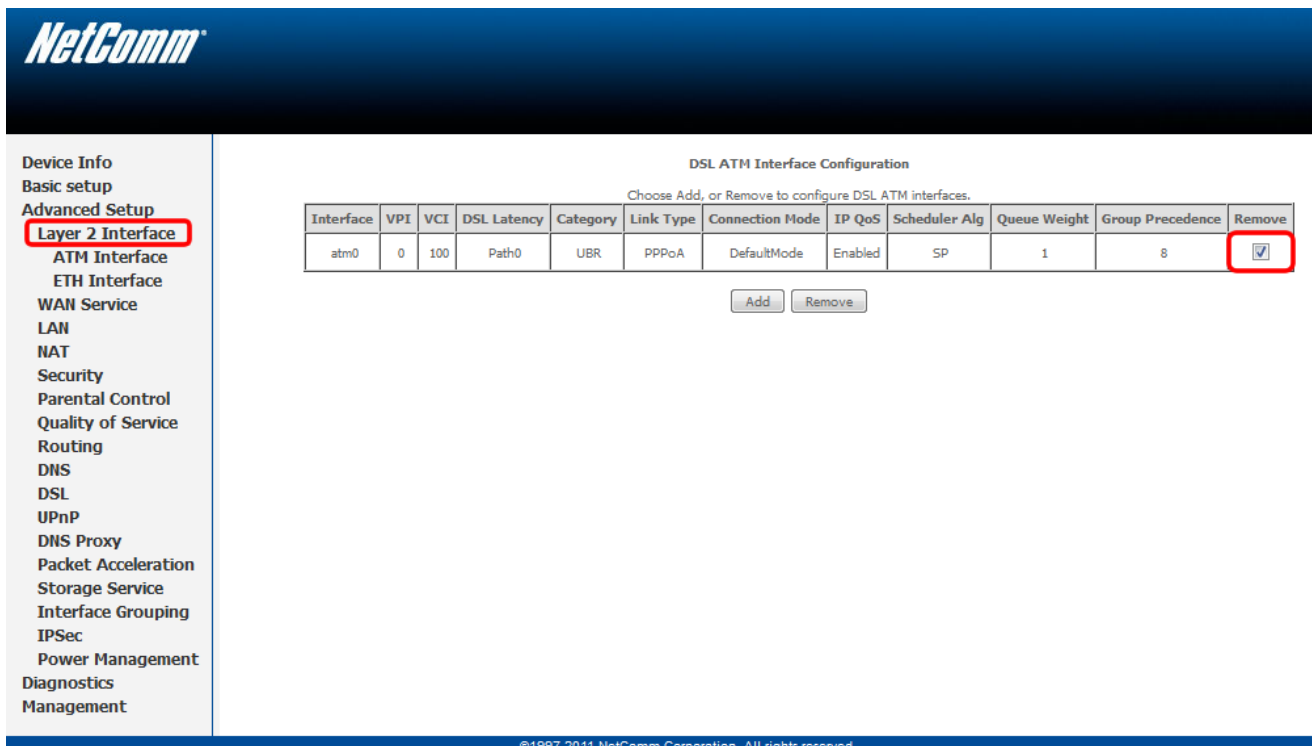
1. Navigate to <http://192.168.1.1> in a web browser using admin as both the username and password when prompted.
2. Select **Advanced Setup** > **WAN Service**.



The screenshot shows the NetComm web interface for WAN Service Setup. The left sidebar contains a navigation menu with 'WAN Service' highlighted. The main content area is titled 'Wide Area Network (WAN) Service Setup' and includes a table with columns: Interface, Description, Type, Vlan8021p, VlanMuxId, IGMP, NAT, Firewall, IPv6, Mld, Remove, and Edit. A single row is shown for 'pppoe0' with a checked checkbox in the 'Remove' column. Below the table are 'Add' and 'Remove' buttons.

Interface	Description	Type	Vlan8021p	VlanMuxId	IGMP	NAT	Firewall	IPv6	Mld	Remove	Edit
pppoe0	pppoe_0_0_100	PPPoA	N/A	N/A	Enabled	Enabled	Enabled	Disabled	Disabled	<input checked="" type="checkbox"/>	edit

3. Tick the **Remove checkbox** and press the **Remove** button.
4. Select **Advanced Setup** > **Layer 2 Interface** > **ATM Interface**.



The screenshot shows the NetComm web interface for DSL ATM Interface Configuration. The left sidebar contains a navigation menu with 'Layer 2 Interface' highlighted. The main content area is titled 'DSL ATM Interface Configuration' and includes a table with columns: Interface, VPI, VCI, DSL Latency, Category, Link Type, Connection Mode, IP QoS, Scheduler Alg, Queue Weight, Group Precedence, and Remove. A single row is shown for 'atm0' with a checked checkbox in the 'Remove' column. Below the table are 'Add' and 'Remove' buttons.

Interface	VPI	VCI	DSL Latency	Category	Link Type	Connection Mode	IP QoS	Scheduler Alg	Queue Weight	Group Precedence	Remove
atm0	0	100	Path0	UBR	PPPoA	DefaultMode	Enabled	SP	1	8	<input checked="" type="checkbox"/>

5. Tick the **Remove checkbox** and press the **Remove** button.
6. Press the **Add** button.

**NetComm**

**Device Info**  
**Basic setup**  
**Advanced Setup**  
 Layer 2 Interface  
 ATM Interface  
 ETH Interface  
 WAN Service  
 LAN  
 NAT  
 Security  
 Parental Control  
 Quality of Service  
 Routing  
 DNS  
 DSL  
 UPnP  
 DNS Proxy  
 Packet Acceleration  
 Storage Service  
 Interface Grouping  
 IPsec  
 Power Management  
 Diagnostics  
 Management

**ATM PVC Configuration**  
 This screen allows you to configure an ATM PVC identifier (VPI and VCI), select DSL latency, select a service category. Otherwise choose an existing interface by selecting the checkbox to enable it.

VPI: [0-255]   
 VCI: [32-65535]

Select DSL Latency  
 Path0  
 Path1

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

Select Connection Mode  
 Default Mode - Single service over one connection  
 VLAN MUX Mode - Multiple Vlan service over one connection

Encapsulation Mode:

Service Category:

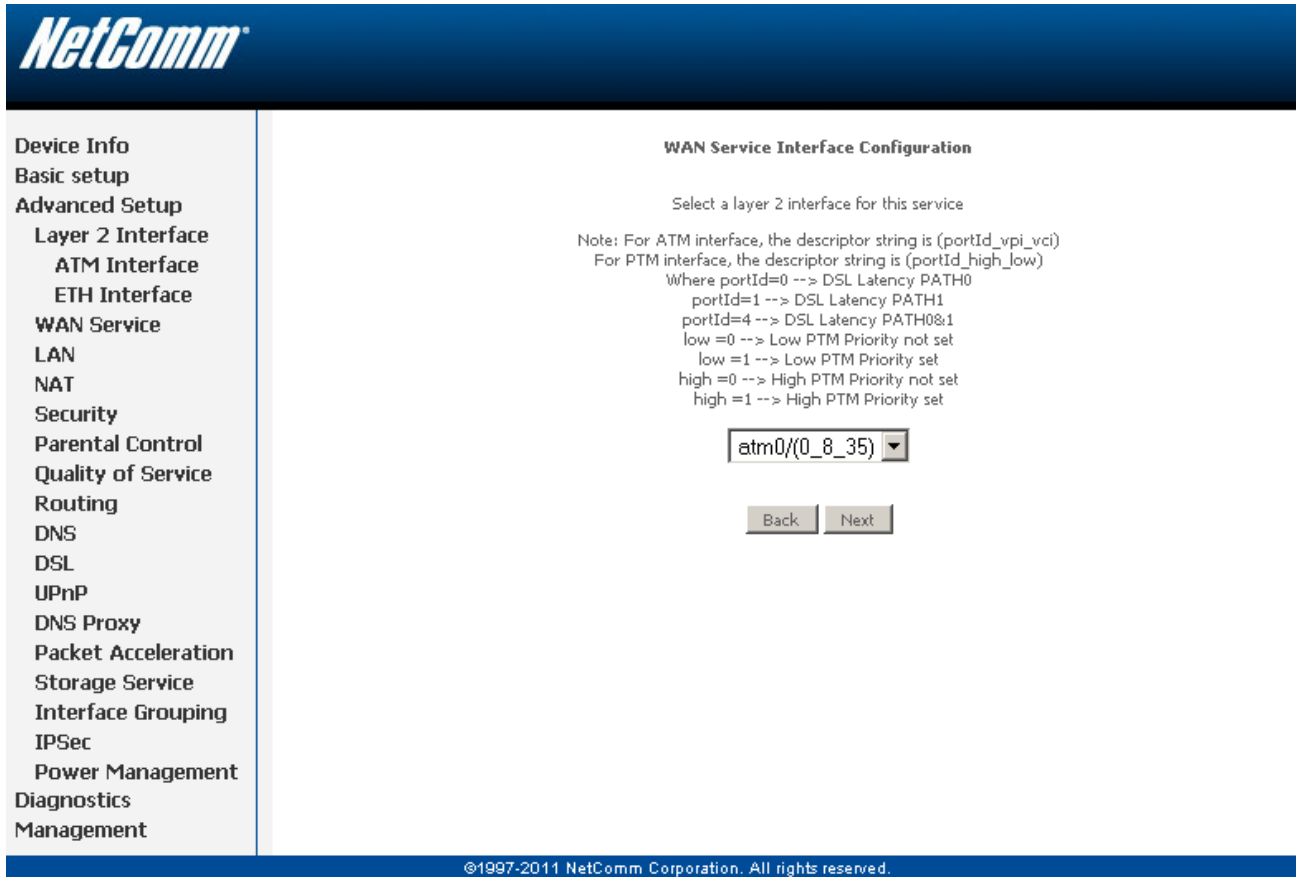
Select IP QoS Scheduler Algorithm  
 Strict Priority  
 Precedence of the default queue: 8 (lowest)  
 Weighted Fair Queuing  
 Weight Value of the default queue: [1-63]   
 MPAAL Group Precedence:

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7. Select the **VPI**. For most Australian customers the VPI should be **8** and for New Zealand customers use a VPI of **0**.
8. Select the **VCI**. For most Australian customers the VCI should be **35** and for New Zealand customers use a VCI of **100**.
9. Select **Path0** as the **DSL Latency** option.
10. Use **EoA** as the **DSL Link Type**.
11. Set the **Connection Mode** as **Default Mode**.
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 press the **Apply/Save** button.

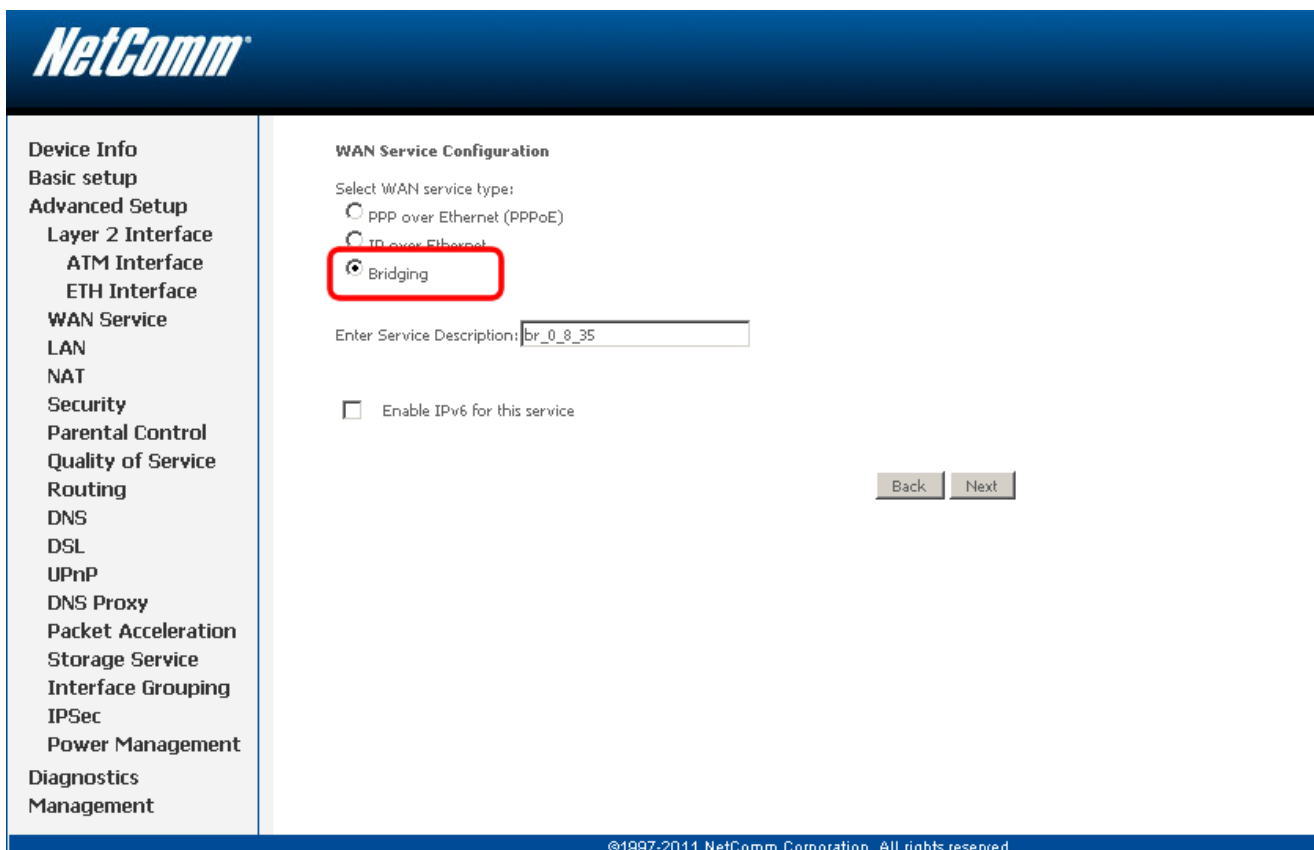
15. Select **Advanced Setup** > **WAN Service**.

16. Press the **Add** button.



The screenshot shows the NetComm WAN Service Interface Configuration page. On the left is a navigation menu with 'WAN Service' selected. The main content area is titled 'WAN Service Interface Configuration' and contains the following text: 'Select a layer 2 interface for this service', 'Note: For ATM interface, the descriptor string is (portId\_vpi\_vci)', 'For PTM interface, the descriptor string is (portId\_high\_low)', 'Where portId=0 --> DSL Latency PATH0', 'portId=1 --> DSL Latency PATH1', 'portId=4 --> DSL Latency PATH0&1', 'low =0 --> Low PTM Priority not set', 'low =1 --> Low PTM Priority set', 'high =0 --> High PTM Priority not set', 'high =1 --> High PTM Priority set'. Below this text is a dropdown menu showing 'atm0/(0\_8\_35)'. At the bottom of the main area are 'Back' and 'Next' buttons. The footer contains the copyright notice: '©1997-2011 NetComm Corporation. All rights reserved.'


17. Australian users select **atm0/(0\_8\_35)** and press the Next button. New Zealand users select **atm0/(0\_0\_100)** and press the Next button.



The screenshot shows the NetComm WAN Service Configuration page. On the left is a navigation menu with 'WAN Service' selected. The main content area is titled 'WAN Service Configuration' and contains the following text: 'Select WAN service type:', 'PPP over Ethernet (PPPoE)', 'IP over Ethernet', 'Bridging' (highlighted with a red box), 'Enter Service Description: br\_0\_8\_35', and 'Enable IPv6 for this service' (unchecked). At the bottom of the main area are 'Back' and 'Next' buttons. The footer contains the copyright notice: '©1997-2011 NetComm Corporation. All rights reserved.'

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. Press the **Next** button.



**Device Info**  
Basic setup  
Advanced Setup  
Layer 2 Interface  
ATM Interface  
ETH Interface  
WAN Service  
LAN  
NAT  
Security  
Parental Control  
Quality of Service  
Routing  
DNS  
DSL  
UPnP  
DNS Proxy  
Packet Acceleration  
Storage Service  
Interface Grouping  
IPSec  
Power Management  
Diagnostics  
Management

**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:	Disabled
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](#)

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



**Device Info**  
Basic setup  
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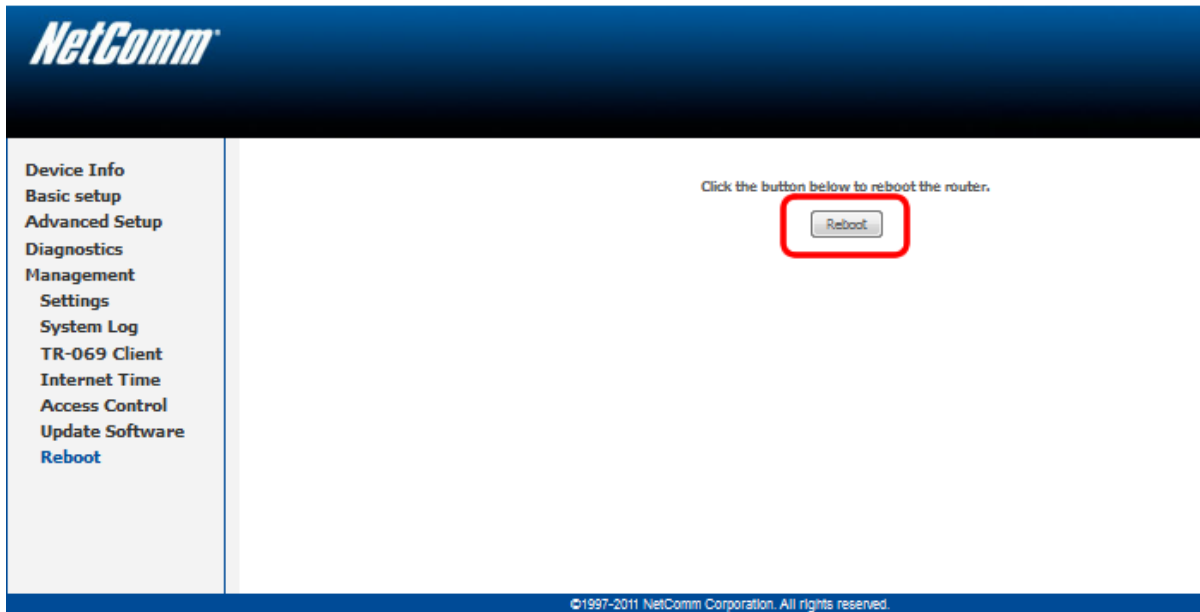
**Wide Area Network (WAN) Service Setup**  
Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	Vlan8021p	VlanMuxId	IGMP	NAT	Firewall	IPv6	Mld	Remove	Edit
atm0	br_0_8_35	Bridge	N/A	N/A	Disabled	Disabled	Disabled	Disabled	Disabled	<input type="checkbox"/>	<a href="#">edit</a>

[Add](#) [Remove](#)

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21. Select **Management** > **Reboot**.



22. Press the **Reboot** button.

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