



NetCommWireless

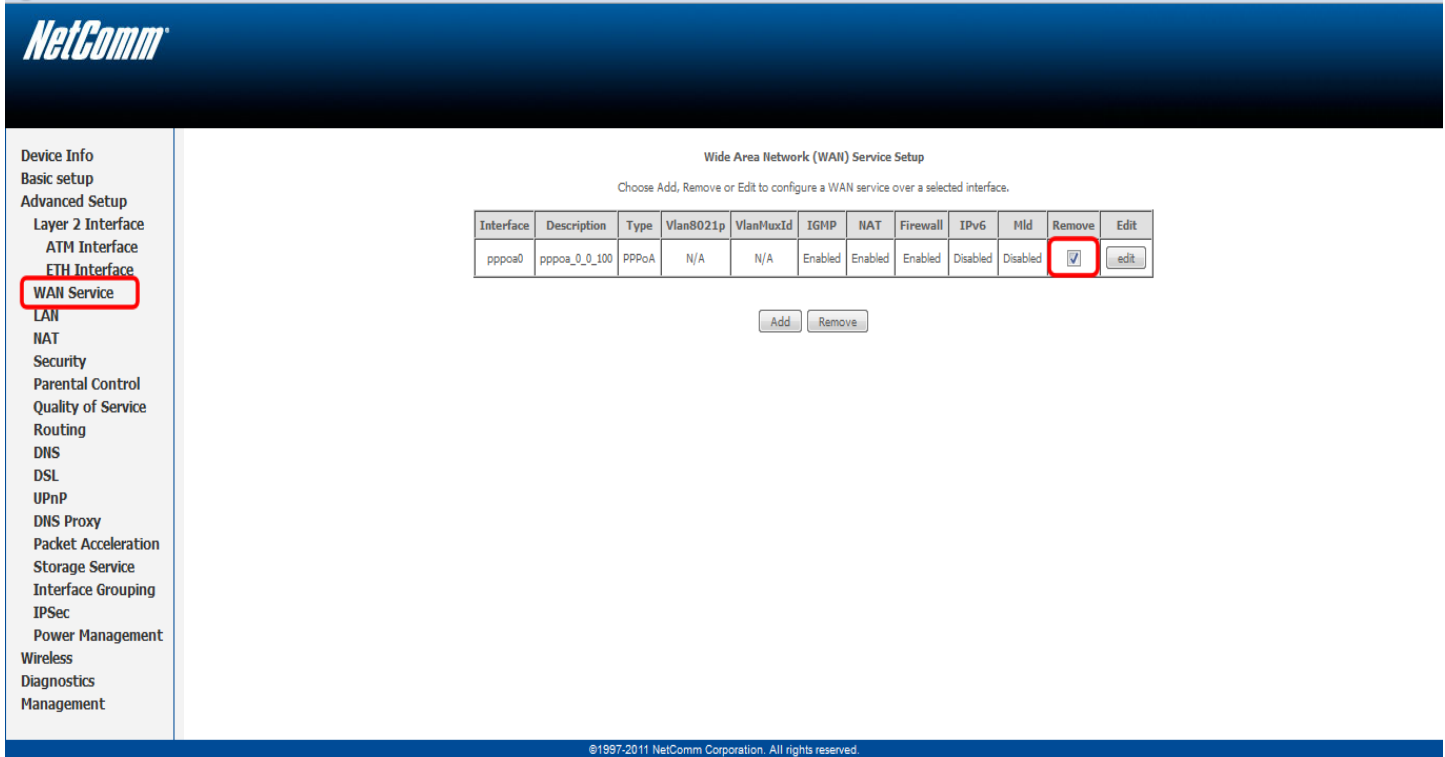
Bridge Mode Setup

(NB604n)

Bridge Mode

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

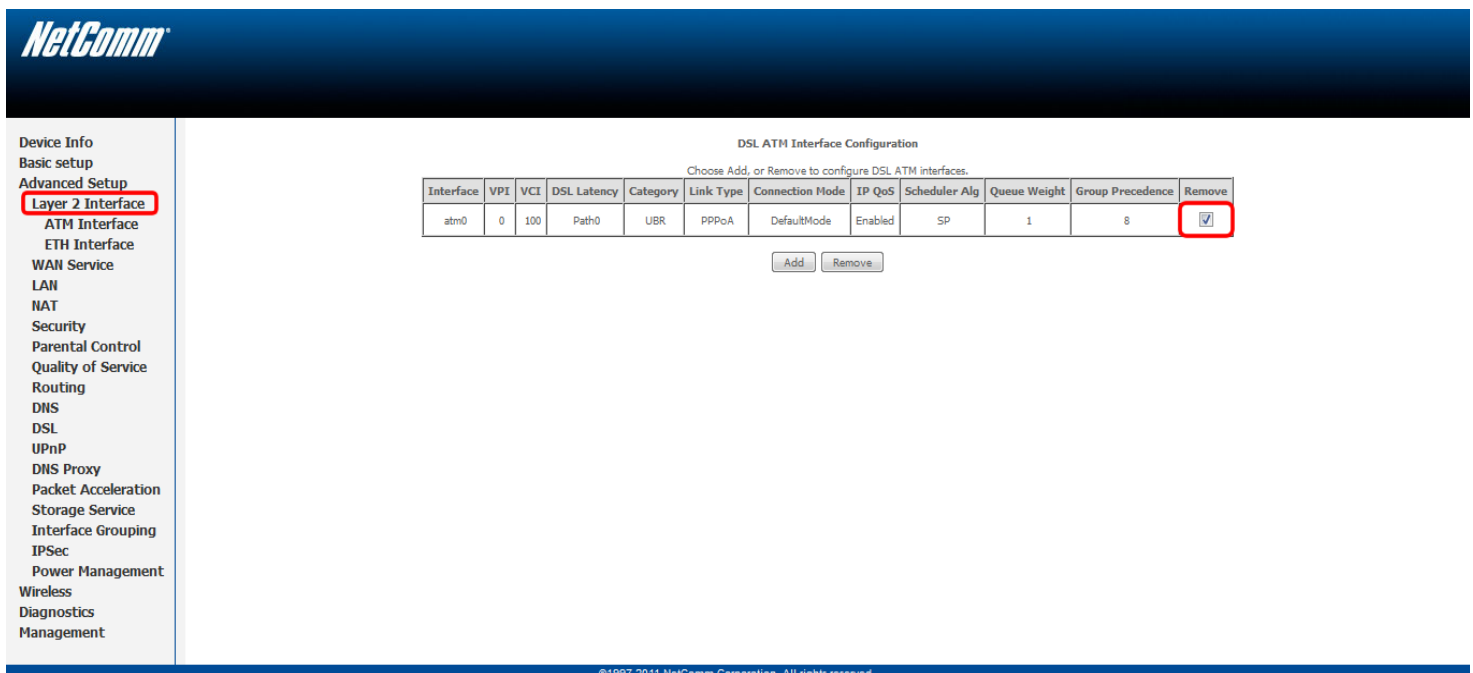
1. Navigate to <http://192.168.1.1> in a web browser using "admin" as both the username and password when prompted.
2. Select **Advanced Setup** > **WAN Service**.



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. The 'Remove' checkbox for the 'ppp0a0' interface is checked. Below the table are 'Add' and 'Remove' buttons. The footer contains the copyright notice: ©1997-2011 NetComm Corporation. All rights reserved.

Interface	Description	Type	Vlan8021p	VlanMuxId	IGMP	NAT	Firewall	IPv6	Mld	Remove	Edit
ppp0a0	ppp0a_0_100	PPPoA	N/A	N/A	Enabled	Enabled	Enabled	Disabled	Disabled	<input checked="" type="checkbox"/>	edit

3. Tick the **Remove checkbox** and then click 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. The 'Remove' checkbox for the 'atm0' interface is checked. Below the table are 'Add' and 'Remove' buttons. The footer contains the copyright notice: ©1997-2011 NetComm Corporation. All rights reserved.

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 then click the **Remove** button.
6. Click 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
 Wireless
 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:

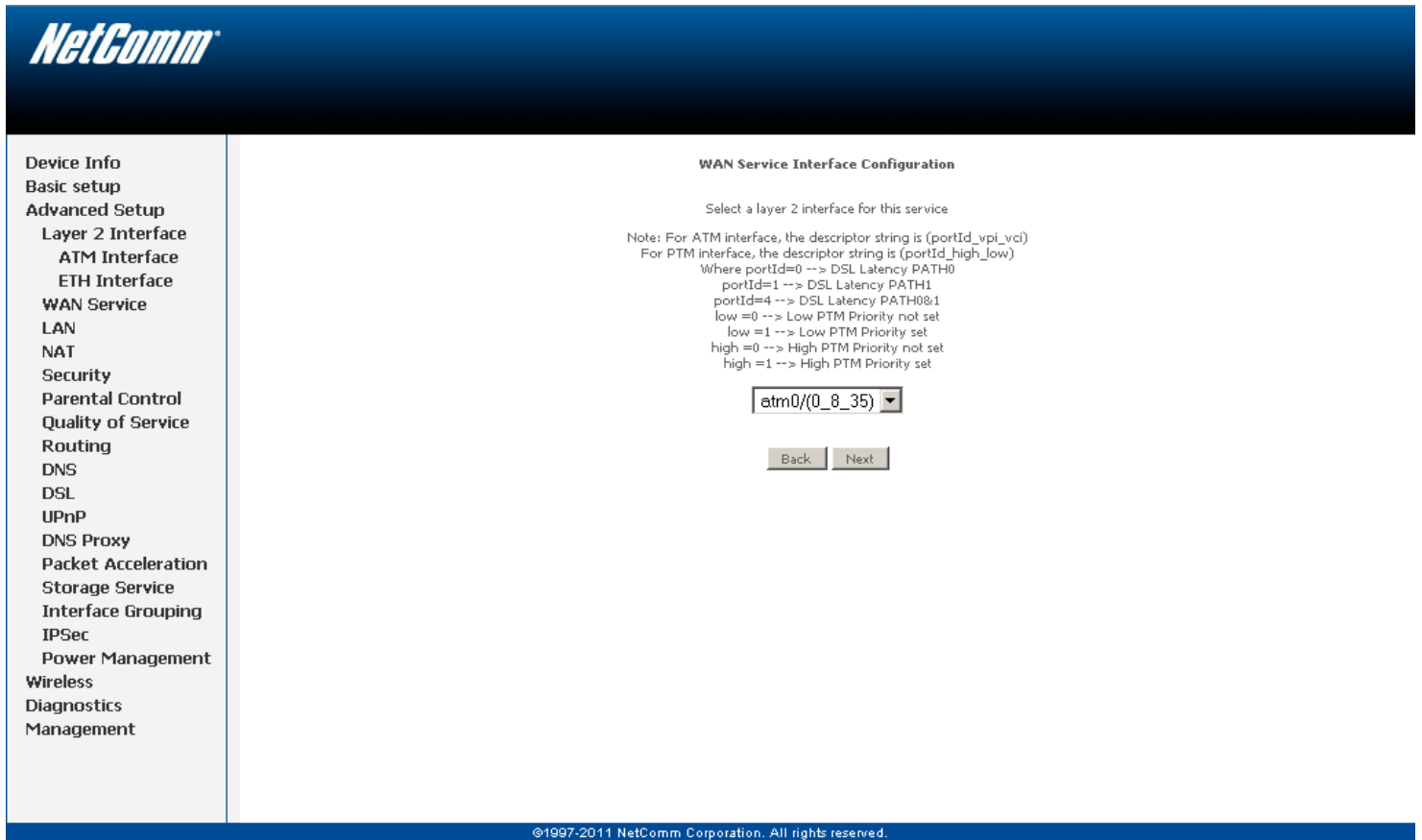
Select IP QoS Scheduler Algorithm
 Strict Priority
 Precedence of the default queue:
 Weighted Fair Queuing
 Weight Value of the default queue: [1-63]
 MPAAL Group Precedence:

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7. Select the **VPI**. For most Australian customers, the VPI should be **8**. For New Zealand customers, use a VPI of **0**.
8. Select the **VCI**. For most Australian customers, the VCI should be **35**. 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 click the **Apply/Save** button.

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

16. Click the **Add** button.



The screenshot shows the NetComm WAN Service Interface Configuration page. On the left is a navigation menu with categories: 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, Wireless, Diagnostics, and Management. 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)" and two buttons labeled "Back" and "Next". At the bottom of the page, there is a copyright notice: "©1997-2011 NetComm Corporation. All rights reserved."

17. Australian users, select **atm0/(0_8_35)** and then click the Next button. New Zealand users, select **atm0/(0_0_100)** and then click 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
- Wireless
- Diagnostics
- Management

WAN Service Configuration

Select WAN service type:

- PPP over Ethernet (PPPoE)
- TD over Ethernet
- Bridging

Enter Service Description:

Enable IPv6 for this service

[Back](#) [Next](#)

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.

- Device Info
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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 Services:	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.

- Device Info
- Basic setup
- Advanced Setup
- Layer 2 Interface
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- ETH Interface
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- IPSec
- Power Management
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- Diagnostics
- Management

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"/>	edit

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

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

- Device Info
- Basic setup
- Advanced Setup
- Wireless
- Diagnostics
- Management
- Settings
- System Log
- 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.