



Bridge Mode Setup

(NB6Plus4W Rev2)

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 username and password.
2. Select Advanced > Internet > Connections.

The screenshot shows the NetComm NB6Plus4W ADSL2+ Wireless Modem Router web interface. The browser window title is "NetComm NB6Plus4W ADSL2+ Wireless Modem Router - Windows Internet Explorer". The address bar shows "http://192.168.1.1/main.html". The interface has a navigation menu with "Advanced" selected. The "Internet" section is active, and the "Connections" page is displayed. The "Wide Area Network (WAN) Service Setup" page is shown, with a table of WAN services. The table has columns: Interface, Type, Vlan8021p, VlanMuxId, ConnId, Igmp, NAT, Remove, and Edit. One service is listed: "pppoa_0_0_100 Connect" with Type "PPPoA", Vlan8021p "N/A", VlanMuxId "N/A", ConnId "N/A", Igmp "Enabled", NAT "Enabled", and a checked "Remove" checkbox. Below the table are "Add" and "Remove" buttons. The left sidebar shows a navigation menu with "Internet" selected. The bottom of the page shows the status bar with "Internet" and "100%" zoom.

Interface	Type	Vlan8021p	VlanMuxId	ConnId	Igmp	NAT	Remove	Edit
pppoa_0_0_100 Connect	PPPoA	N/A	N/A	N/A	Enabled	Enabled	<input checked="" type="checkbox"/>	

3. Select the remove checkbox and press the Remove button.

4. Select Advanced > Layer 2 Interface > ATM Interface.

NetComm NB6Plus4W ADSL2+ Wireless Modem Router - Windows Internet Explorer

http://192.168.1.1/main.html

File Edit View Favorites Tools Help

NetComm NB6Plus4W ADSL2+ Wireless Modem Router

Language English

Local Network

- Layer2 Interface
 - ATM Interface**
- Internet
- IP Routing
- Virtual Servers
- Firewall
- NAT ALG
- Quality of Service
- Port Mapping

DSL ATM Interface Configuration

Choose Add, or Remove to configure DSL ATM interfaces.

Interface	Vpi	Vci	DSL Latency	Category	Link Type	Connection Mode	QoS	Remove	Edit
atm0	0	100	Path0&1	UBR	PPPoA	DefaultMode	Enabled	<input checked="" type="checkbox"/>	

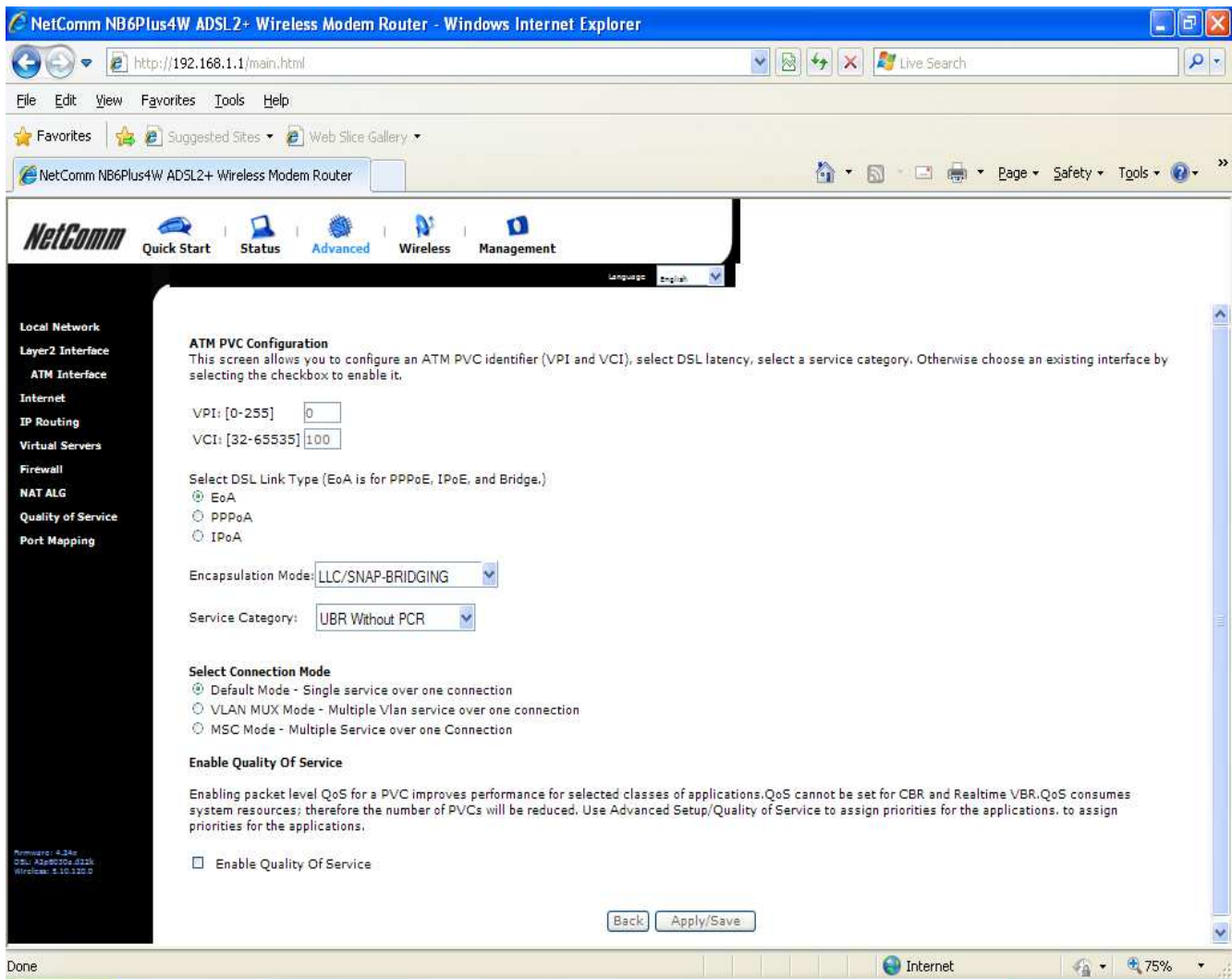
Add Remove

Firmware: 4.24x
DSL: A2pB030a.d22k
Wireless: 5.10.120.0

Internet 100%

5. Select the remove checkbox and click the Remove button.

6. Select the Add button.



7. Enter the VPI and VCI settings, for Australia VPI = 8, VCI = 35, for New Zealand VPI = 0, VCI = 100.
8. Select EOA as the DSL Link Type
9. Select LLC/Snap-Bridging as Encapsulation Mode.
10. Set service Category as UBR Without PCR with connection mode set to default.
11. Quality of Service is optional. It is suggested to leave it unselected.

12. Press Apply / Save. You should have a screen displayed similar to the screenshot below.

The screenshot shows the NetComm NB6Plus4W ADSL2+ Wireless Modem Router configuration page in Internet Explorer. The browser address bar shows `http://192.168.1.1/main.html`. The page title is "NetComm NB6Plus4W ADSL2+ Wireless Modem Router". The navigation menu includes "Quick Start", "Status", "Advanced", "Wireless", and "Management". The "Advanced" menu is selected, and the "DSL ATM Interface Configuration" page is displayed. The page contains a table with the following data:

Interface	Vpi	Vci	DSL Latency	Category	Link Type	Connection Mode	QoS	Remove	Edit
atm0	0	100	Path0&1	UBR	EoA	DefaultMode	Disabled	<input type="checkbox"/>	

Below the table are "Add" and "Remove" buttons. The status bar at the bottom shows "Done" and "Internet".

13. Select Advanced > Internet > Connections.

14. Select the Add button.

The screenshot shows the NetComm NB6Plus4W ADSL2+ Wireless Modem Router configuration interface in Internet Explorer. The browser address bar shows `http://192.168.1.1/main.html`. The page title is "NetComm NB6Plus4W ADSL2+ Wireless Modem Router". The navigation menu includes "Quick Start", "Status", "Advanced", "Wireless", and "Management". The "Advanced" menu is expanded, showing "Internet" > "Connections". The "WAN Service Interface Configuration" page is displayed, with a dropdown menu set to "atm0/(0_0_100)". The page includes a "Back" button and a "Next" button. The status bar at the bottom shows "Done" and "Internet".

NetComm NB6Plus4W ADSL2+ Wireless Modem Router - Windows Internet Explorer

`http://192.168.1.1/main.html`

File Edit View Favorites Tools Help

NetComm NB6Plus4W ADSL2+ Wireless Modem Router

Language English

Local Network
Layer2 Interface
Internet
Connections
DNS Server
DSL
IP Routing
Virtual Servers
Firewall
NAT ALG
Quality of Service
Port Mapping

WAN Service Interface Configuration

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<>

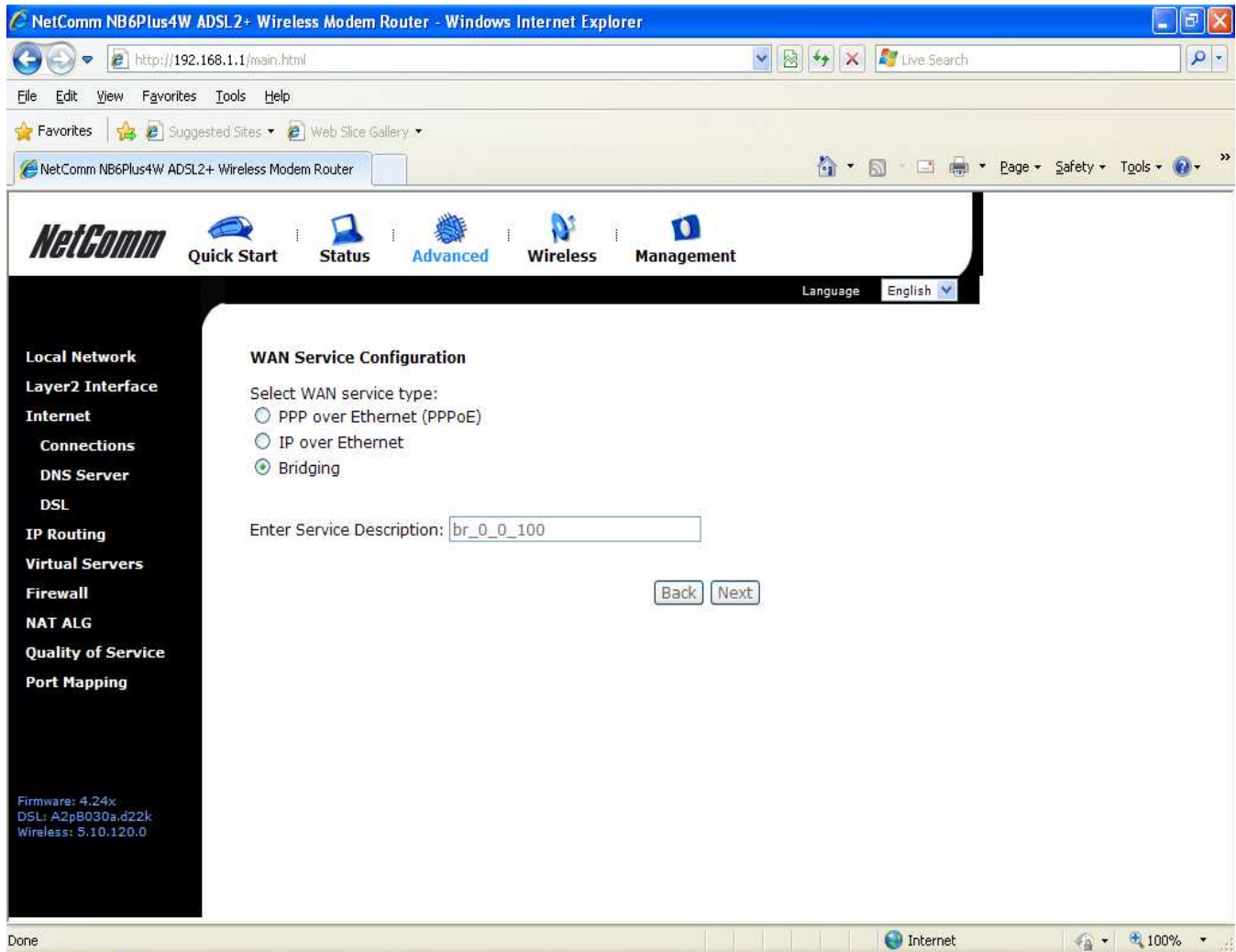
atm0/(0_0_100)

Back Next

Firmware: 4.24x
DSL: A2pB030a.d22k
Wireless: 5.10.120.0

Done Internet 100%

15. Click the next button.



16. Select Bridging as the WAN Service Configuration.

17. Click the Next button.

The screenshot shows a Windows Internet Explorer browser window displaying the configuration page for a NetComm NB6Plus4W ADSL2+ Wireless Modem Router. The address bar shows the URL <http://192.168.1.1/main.html>. The page features a navigation menu with icons for Quick Start, Status, Advanced, Wireless, and Management. A sidebar on the left lists various configuration sections: Local Network, Layer2 Interface, Internet, Connections, DNS Server, DSL, IP Routing, Virtual Servers, Firewall, NAT ALG, Quality of Service, and Port Mapping. The main content area is titled "WAN Setup - Summary" and includes a note: "Make sure that the settings below match the settings provided by your ISP." Below this note is a table of configuration parameters:

PORT / VPI / VCI:	0 / 0 / 100
Connection Type:	Bridge
Service Name:	br_0_0_100
Service Category:	UBR
IP Address:	Not Applicable
Service State:	Enabled
NAT:	Not Applicable
Full Cone NAT:	Disabled
IGMP Multicast:	Not Applicable
Quality Of Service:	Disabled

Below the table, there is a message: "Click Apply/Save to have this interface to be effective. Click Back to make any modifications." and two buttons: "Back" and "Apply/Save". The status bar at the bottom of the browser window shows "Done" and "Internet".

18. Press Apply / Save.

NetComm NB6Plus4W ADSL2+ Wireless Modem Router - Windows Internet Explorer

http://192.168.1.1/main.html

File Edit View Favorites Tools Help

NetComm NB6Plus4W ADSL2+ Wireless Modem Router

Language English

Wide Area Network (WAN) Service Setup

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

Interface	Type	Vlan8021p	VlanMuxId	ConnId	Igmp	NAT	Remove	Edit
br_0_0_100	Bridge	N/A	N/A	N/A	Disabled	Disabled	<input type="checkbox"/>	

Firmware: 4.24x
DSL: A2pB030a_d22k
Wireless: 5.10.120.0

Done Internet 100%

The interface should now show Wide Area Network (WAN) Service Setup of type Bridge. The modem is now in bridge mode.