



## **Bridge Mode Setup Guide**

(NB6 Rev2)

## Bridge Mode Setup

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

1. Navigate to <http://192.168.1.1> in a web browser using "admin" as both the username and password to login to the router.
2. Select **Advanced > Internet > Connections**.

NetComm Quick Start Status **Advanced** Management

Language: English


**Local Network**

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  - IGMP Proxy
  - DSL
- IP Routing
- Virtual Server
- NAT ALG
- Firewall
- Quality of Service

Firmware: 3.65p  
ADSL2+ : A2pB025c.d20h

### Internet Connection Configuration

Choose Add or Edit to configure Internet connection.  
Choose Finish to apply the changes and reboot the system.

PVC Name	VPI/VCI	Category	Protocol	NAT	QoS	WAN IP Address	MTU	Edit
pppoa_0_100_1 <a href="#">Connect</a>	0/100	UBR	PPPoA VC MUX	On	On	Auto assigned	1500	

The Internet connection is NOT active if PVC name is marked with (?). You need to click "Finish" to apply the changes and reboot the system for activating this PVC.

3. Click on the **Edit** option as highlighted in the above screenshot.

4. Enter the **VPI** and **VCI** with **Service Category** "UBR Without PCR". For most Australian users the VPI will be 8 with VCI 35, while for most New Zealand users the VPI will be 0 with VCI 100.

**NetComm**

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### Configure Internet Connection -- ATM PVC

Please enter VPI and VCI numbers for the Internet connection which is provided by your ISP.

VPI:  (0-255)

VCI:  (32-65535)

Service Category:  ▾

5. Click on the **Next** button.

6. Select **Bridging** as the Protocol with **Encapsulation Type** LLC/Snap Bridging.

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**Configure Internet Connection - Connection Type**

Select the protocol and encapsulation type with the ATM PVC that your ISP has instructed you to use.

Protocol:

- PPP over ATM (PPPoA)
- PPP over Ethernet (PPPoE)
- IP over ATM (IPoA)
- Bridging

Encapsulation Type: LLC/SNAP

Enable QoS

Enabling IP QoS for a PVC can improve performance for selected classes of applications. Please assign the priorities for various applications from the [Advanced...|Quality of Service](#) menu. Be aware that IP QoS also consumes system resources, the number of created PVCs will be reduced consequently.

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7. Quality of Service (QoS) is optional.
8. Press the **Next** button.

9. Configure the **WAN IP Settings** as required for your network setup.

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**Configure Internet Connection - WAN IP Settings**

Enter information provided to you by your ISP to configure the WAN IP settings.

- None
- Obtain an IP address automatically
- Use the following IP address:

WAN IP Address:

WAN Subnet Mask:

Default Gateway:

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10. Press the **Next** button.

11. Tick the "Enable this Internet Connection" checkbox.
12. The **Connection Name** can be changed although the default name is sufficient.

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### This Internet Connection -- Summary

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

Enable this Internet Connection

Connection Name:

#### Internet (WAN) Configuration:

VPI / VCI	0 / 100
Service Category	UBR
Connection Type	Bridge LLC/SNAP, QoS On

Click "Apply" to accept these settings.  
Click "Back" to make any modifications.

13. Click the **Apply** button to save the setting changes.

14. Click on the **Finish** button to apply the changes and reboot the modem/router.

The screenshot shows the NetComm router configuration interface. At the top left is the NetComm logo. To its right are navigation icons for Quick Start, Status, Advanced, and Management. A language dropdown menu is set to English. On the left side, there is a sidebar menu with categories: Local Network, Internet (with sub-items: Connections, DNS Server, IGMP Proxy, DSL), IP Routing, Virtual Server, NAT ALG, Firewall, and Quality of Service. At the bottom of the sidebar, it shows 'Firmware: 3.65p' and 'ADSL2+ : A2pB025c.d20h'. The main content area is titled 'Internet Connection Configuration' and contains the following text: 'Choose Add or Edit to configure Internet connection. Choose Finish to apply the changes and reboot the system.' Below this is a table with the following data:

PVC Name	VPI/VCI	Category	Protocol	NAT	QoS	WAN IP Address	MTU	Edit
br_0_100 (?)	0/100	UBR	Bridge LLC/SNAP	*	On	*		

Below the table, a warning message states: 'The Internet connection is NOT active if PVC name is marked with (?). You need to click "Finish" to apply the changes and reboot the system for activating this PVC.' At the bottom right of the main content area, there are two buttons: 'Add' and 'Finish'.

**WARNING:**  
Router's settings are changed. New settings are only valid after [restarting router](#).

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### Reboot DSL Router

The DSL router has been configured and is rebooting.

Close the DSL router configuration window and wait for 2 minutes before reopening your web browser. If necessary, reconfigure your PC's IP address to match your new configuration.

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