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 **Dynalink**

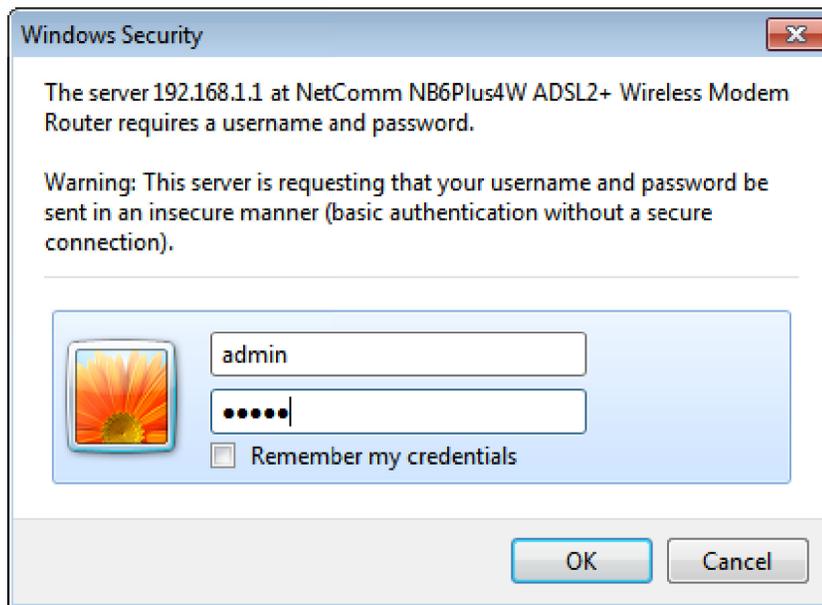
IPTV Setup

(NB6Plus4W Rev2 / RTA1025W Rev2)

IPTV

This guide will take you through the process of configuring your modem / router for IPTV service.

1. Navigate to <http://192.168.1.1> in a web browser.



2. Enter '**admin**' for both the **username** and **password** when prompted and press **Ok**.

3. Select **Advanced > Local network > IGMP Snooping**.

The screenshot shows a Windows Internet Explorer browser window displaying the configuration page for the NetComm NB6Plus4W ADSL2+ Wireless Modem Router. The address bar shows the URL `http://192.168.1.1/`. The browser's address bar also displays "Address not valid". The page title is "NetComm NB6Plus4W ADSL2+ Wireless Modem Router - Windows Internet Explorer".

The main content area is titled "IGMP Snooping Configuration". It includes a description: "With IGMP snooping, the IGMP packets will be monitored, the membership information will be recorded and processed, and the multicast traffic will only be forwarded to those LAN ports which are bonded to the subscribed multicast groups." Below the description, there are two configuration options:

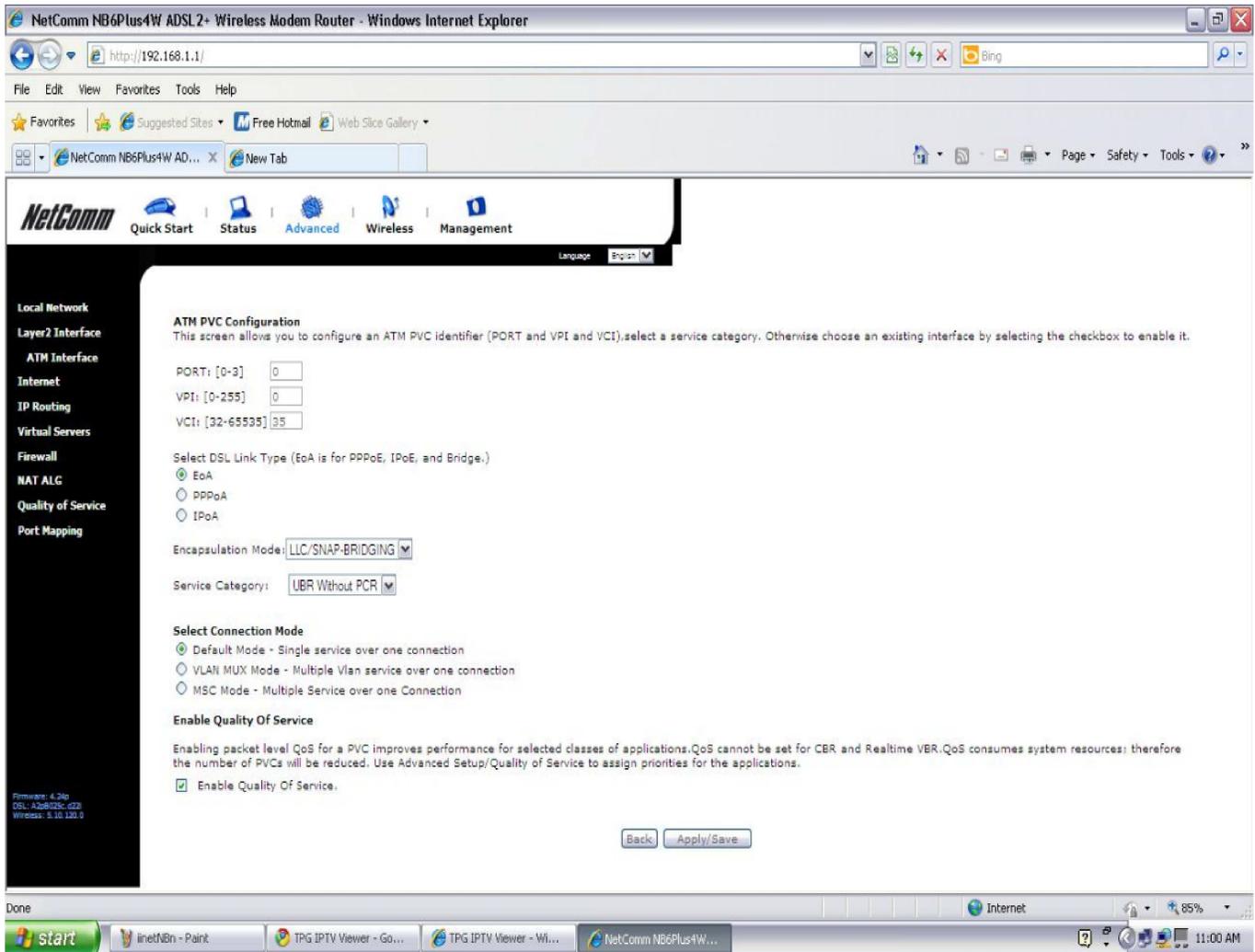
- Enable IGMP Snooping
- Standard Mode Blocking Mode

An "Apply/Save" button is located below the configuration options. The left sidebar contains a navigation menu with the following items: Local Network, IP Address, DHCP Server, UPnP, IGMP Snooping (highlighted), Layer2 Interface, Internet, IP Routing, Virtual Servers, Firewall, NAT ALG, Quality of Service, and Port Mapping. At the bottom of the sidebar, the following information is displayed: Firmware: 4.24g, OS: #295072a.022k, Wireless: 5.10.125.0.

The status bar at the bottom of the browser window shows the URL `http://192.168.1.1/dslatm.cmd?action=viewadd`, the Internet icon, Protected Mode: On, and a zoom level of 75%.

- Check to enable IGMP Snooping with Standard mode and press the **Apply/Save** button.

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



- Enter 0 as **VPI** and 35 for the **VCI**.
- Select **EoA** as the **DSL link type**.
- Select **LLC/SNAP-BRIDGING** as the **encapsulation mode**.
- Select **UBR Without PCR** as the **service category**.
- Select **Default Mode** as the **connection mode**.
- Enable **Quality of Service**.
- Press **Save/Apply**.

The new interface you have created is named atm1. You should now have two ATM interface entries in Advanced > Layer 2 Interface > ATM Interface. The entries should resemble the screenshot below.

The screenshot shows a Windows Internet Explorer browser window displaying the NetComm NB6Plus4W ADSL2+ Wireless Modem Router configuration page. The browser's address bar shows the URL http://192.168.1.1/. The page title is "NetComm NB6Plus4W ADSL2+ Wireless Modem Router - Windows Internet Explorer". The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The browser's toolbar includes a search bar with the Bing logo, a home button, a refresh button, a stop button, a print button, a page setup button, a safety button, and a help button. The browser's tabs show "NetComm NB6Plus4W AD..." and "New Tab".

The configuration page has a navigation menu with the following items: Quick Start, Status, Advanced (selected), Wireless, and Management. The language is set to English. The left sidebar contains the following menu items: Local Network, Layer 2 Interface (selected), ATM Interface, Internet, IP Routing, Virtual Servers, Firewall, NAT ALG, Quality of Service, and Port Mapping.

The main content area is titled "DSL ATM Interface Configuration" and contains the text "Choose Add, or Remove to configure DSL ATM interfaces." Below this text is a table with the following columns: Interface, Vpi, Vci, DSL Latency, Category, Link Type, Connection Mode, QoS, Remove, and Edit.

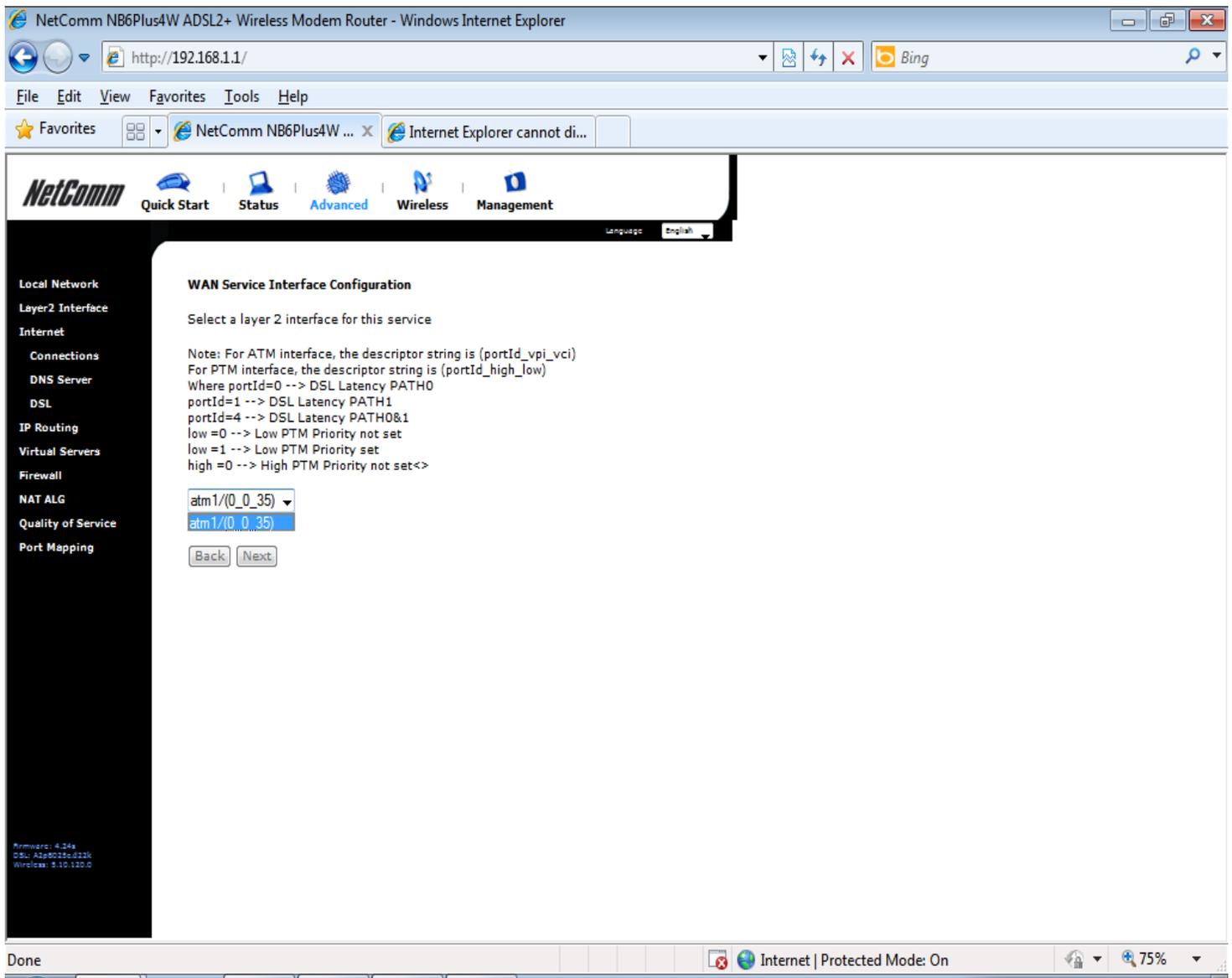
Interface	Vpi	Vci	DSL Latency	Category	Link Type	Connection Mode	QoS	Remove	Edit
atm0	8	35	Path0&1	UBR	EoA	DefaultMode	Enabled	<input type="checkbox"/>	
atm1	0	35	Path0&1	UBR	EoA	DefaultMode	Enabled	<input type="checkbox"/>	

Below the table are two buttons: "Add" and "Remove".

Check that atm1 details pictured above are exactly the same as the entry you have created. Do not worry if atm0 has different parameters, so long as you have internet access at the moment.

5. Select **Advanced** > **Internet** > **Connections**.

- Press the **Add** button. The screen below should appear.



- Select **atm1** and press the **Next** button.

6. Select **Bridging** as the **WAN service type**. (see below)

The screenshot shows a Windows Internet Explorer browser window displaying the NetComm NB6Plus4W ADSL2+ Wireless Modem Router configuration page. The address bar shows the URL <http://192.168.1.1/>. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The page features a navigation menu with icons for Quick Start, Status, Advanced, Wireless, and Management. A sidebar on the left lists various configuration options: 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 Service Configuration" and contains the following text:

Select WAN service type:

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

Enter Service Description:

At the bottom right of the configuration area, there are two buttons: "Back" and "Next".

- Press the **Next** button.

7. Check the **WAN setup summary** before pressing **Apply/Save**.

NetComm NB6Plus4W ADSL2+ Wireless Modem Router - Windows Internet Explorer

http://192.168.1.1/

File Edit View Favorites Tools Help

NetComm NB6Plus4W AD... X New Tab

Language English

Local Network

Layer2 Interface

Internet

Connections

DNS Server

DSL

IP Routing

Virtual Servers

Firewall

NAT ALG

Quality of Service

Port Mapping

WAN Setup - Summary

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

PORT / VPI / VCI:	0 / 0 / 35
Connection Type:	Bridge
Service Name:	br_0_0_35
Service Category:	UBR
IP Address:	Not Applicable
Service State:	Enabled
NAT:	Not Applicable
Full Cone NAT:	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.

You should now see 2 entries under the title **Wide Area Network (WAN) Service Setup** as shown below.

The screenshot shows a Windows Internet Explorer browser window displaying the NetComm NB6Plus4W ADSL2+ Wireless Modem Router configuration page. The address bar shows <http://192.168.1.1/>. The page title is "NetComm NB6Plus4W ADSL2+ Wireless Modem Router - Windows Internet Explorer". The browser's address bar shows "http://192.168.1.1/". The page features a navigation menu with "Quick Start", "Status", "Advanced", "Wireless", and "Management" options. The "Advanced" option is selected. The main content area is titled "Wide Area Network (WAN) Service Setup" and includes the instruction: "Choose Add, or Remove to configure a WAN service over a selected interface." Below this instruction is a table with the following data:

Interface	Type	Vlan8021p	VlanMuxId	ConnId	Igmp	NAT	Remove	Edit
pppoe_0_8_35 Connect	PPPoE	N/A	N/A	N/A	Enabled	Enabled	<input type="checkbox"/>	
br_0_0_35	Bridge	N/A	N/A	N/A	Disabled	Disabled	<input type="checkbox"/>	

Below the table are "Add" and "Remove" buttons.

Your router is now configured for IPTV service.