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## **DMZ Host Setup Guide**

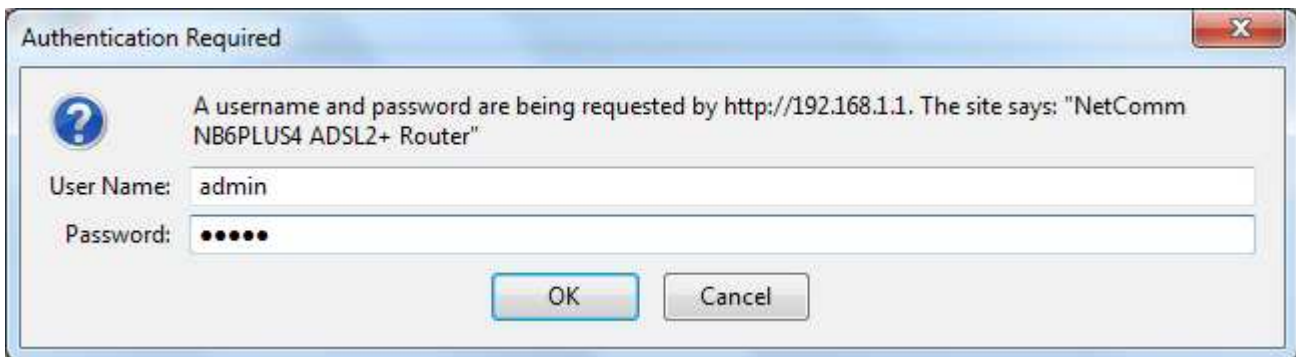
(NB6Plus4)

### **About the DMZ Host Function**

The NB6Plus4 modem router has a DMZ (De-Militarized Zone) host function. A DMZ host function on a home router provides a host (computer, server, gaming console etc) on the internal network the ability to have all ports exposed, except those ports otherwise forwarded. By definition this is not a true DMZ (Demilitarized Zone), since it alone does not separate the host from the internal network. The DMZ host is still able to connect to other devices on the internal network, whereas hosts within a real DMZ are prevented from connecting with the internal network by a firewall that separates them, unless the firewall permits the connection. A firewall may allow this if a host on the internal network first requests a connection to the host within the DMZ. The DMZ host is often used as an easy method of forwarding all ports to another firewall or NAT device, and is particularly useful in connecting gaming consoles and other devices to external networks when the ports needing to be forwarded are unknown by the user.

## DMZ Host Setup

1. Navigate to <http://192.168.1.1> in a web browser.
2. Enter "admin" as both the username and password to login to the modem.



Authentication Required

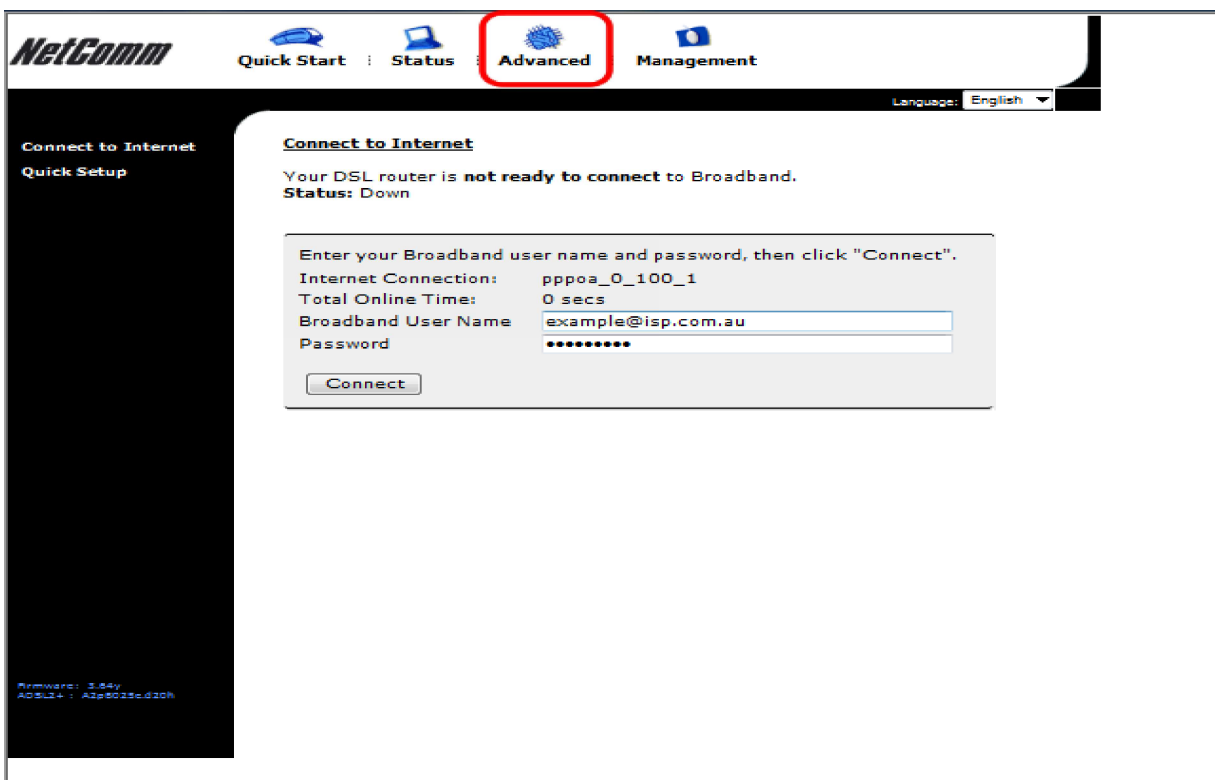
A username and password are being requested by <http://192.168.1.1>. The site says: "NetComm NB6PLUS4 ADSL2+ Router"

User Name:

Password:

OK Cancel

3. Select the **Advanced Setup** option from the menu at the top of the screen.



**NetComm** Quick Start Status **Advanced** Management Language: English

Connect to Internet  
Quick Setup

**Connect to Internet**  
Your DSL router is **not ready to connect** to Broadband.  
Status: Down

Enter your Broadband user name and password, then click "Connect".

Internet Connection:	pppoa_0_100_1
Total Online Time:	0 secs
Broadband User Name	<input type="text" value="example@isp.com.au"/>
Password	<input type="password" value="*****"/>

Connect

Hardware: 3.00y  
ADSL2+ : A2e8023c020h

4. Select the **Virtual Server** option from the menu at the left hand side of the screen.

The screenshot displays the NetComm router's web interface. At the top, the NetComm logo is on the left, and navigation tabs for 'Quick Start', 'Status', 'Advanced', and 'Management' are in the center. A language dropdown menu is set to 'English'. On the left side, a vertical menu lists various configuration options: 'Local Network', 'Internet', 'IP Routing', 'Virtual Server' (highlighted with a red box), 'NAT ALG', 'Firewall', 'Quality of Service', and 'Port Mapping'. The main content area is titled 'LAN IP Address Configuration' and contains the following fields and options:

- Primary IP Address: 192.168.1.1
- Subnet Mask: 255.255.255.0
- Host Name: NB6PLUS4
- Domain Name: home
- Configure secondary IP address and subnet mask.
- MTU: 1500 (Default: 1500)
- Buttons: Apply, Cancel
- Text: New settings only take effect after your DSL router is rebooted. If necessary, reconfigure your PC's IP address to match new settings.

At the bottom left of the interface, the firmware version is listed as 3.04y and the model as ADSL2+ : A228022e.d20h.

5. Select the **DMZ Host** option from the **Virtual Server** options.

The screenshot shows the NetComm router's web interface. At the top, there is a navigation bar with the NetComm logo and four menu items: Quick Start, Status, Advanced, and Management. Below this is a language dropdown menu set to English. On the left side, there is a dark sidebar with a list of configuration options: Local Network, Internet, IP Routing, Virtual Server, Port Forwarding, Port Triggering, DMZ Host (highlighted with a red box), Dynamic DNS, Static DNS, NAT ALG, Firewall, Quality of Service, and Port Mapping. The main content area is titled "DMZ Host" and contains the following text: "A DMZ host is a computer on your local network that can be accessed from the Internet regardless of port forwarding and firewall settings." Below this, it says: "Those IP packets from the Internet that do NOT belong to any applications configured in the port forwarding table will be:" followed by two radio button options: "Discarded" and "Forwarded to the DMZ host" (which is selected). Under the selected option, there is a text input field labeled "IP address of DMZ host:" containing the value "192.168.1.5". At the bottom of the main content area, there are two buttons: "Apply" and "Cancel". In the bottom left corner of the sidebar, there is small text: "Firmware: 3.54y" and "ADSL2+ : A2p8029c.d30h".

6. Select the **Forwarded to the DMZ host** option and enter the IP address of the device you wish to add as the DMZ host.
7. Press the **Apply** button to save the changes.

8. Select the **Management** menu option and then the Reset Router option from the left hand side of the screen.

The screenshot shows a web browser window with the address bar displaying `http://192.168.1.1/`. The NetComm logo is on the left, and navigation tabs for 'Quick Start', 'Status', 'Advanced', and 'Management' are in the center. The 'Management' tab is highlighted with a red box. In the top right corner, there is a 'Language: English' dropdown menu. On the left side, a dark sidebar contains a list of menu items: 'Diagnostics', 'Management', 'Accounts', 'Management Control', 'Internet Time', 'System Log', 'Backup Config', 'Update Firmware', and 'Reset Router'. The 'Reset Router' item is highlighted with a red box. The main content area is titled 'Reset Router' and contains the following text: 'This page allows you to restart your DSL router after changing settings that require rebooting. It also allows you to reset all settings to factory default settings if you have problems with your current configuration.' Below this text is a checkbox labeled 'Reset to factory default settings'. At the bottom of the main content area is a 'Reboot' button followed by the text: 'After clicking "Reboot", please wait for 2 minutes to let the system reboot.' At the bottom left of the sidebar, the following information is displayed: 'Firmware: 3.64y' and 'ADSL2+ : A2pB025c.d20h'.

9. Press the **Reboot** button and allow two to three minutes for the router to reboot. The DMZ host function will now be configured.