



MAC Address Filtering Setup
(NB16WV)

MAC Address Filtering

MAC address filtering refers to the process of allowing (or denying) access to your wireless network based on the hardware address of the device attempting to connect.*

This Wireless MAC address is usually printed on the underside of the device you are attempting to allow (or deny) access to.



Ensure you are making any MAC address filtering configuration changes from an ethernet connected computer.

If you are not able to do this, remember to add the MAC address of the computer you are making the configuration changes from to the allowed access list.

You will lock yourself out of the wireless network if you do not and an ethernet connection will be required.

* - If supported by your model of modem / router.

Enable MAC address filtering

This guide will take you through the process of enabling MAC address filtering.

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



2. Enter "**admin**" (without quotes) into both the username and password fields and press the Login button.

3. Select the "Switch to Advanced View" option from near the bottom of the page.

The screenshot shows a Mozilla Firefox browser window displaying the 'Basic Status' page of a NetComm ADSL2+ Wireless N Modem Router. The browser's address bar shows the URL 'http://192.168.1.1/'. The page features the NetComm logo and a navigation menu with options for Status, Wireless, Mobile Broadband, and ADSL. The main content area displays the following status information:

ADSL2+ Wireless N Modem Router with VoIP	
Line Sync :	Down
Sync Speed :	Disconnected
WAN IP Address :	0.0.0.0
<hr/>	
3G Status :	Down
3G Signal Strength :	N/A
<hr/>	
VoIP Status :	Unregistered

At the bottom of the page, there are two links: 'Switch to advanced view' and 'Switch to VoIP/NAS view'. The 'Switch to advanced view' link is highlighted with a red rectangular box.

4. Select the **MAC Control** option from the **Security Settings** menu.

The screenshot shows the NetComm NB16WV - ADSL2+ Wireless N Modem Router with VoIP configuration interface. The top navigation bar includes 'Status', 'Network Setup', 'Forwarding Rules', 'Security Settings', 'Advanced Settings', and 'Toolbox'. The 'Security Settings' menu is open, showing options: Status, Packet Filters, Domain Filters, URL Blocking, MAC Control (highlighted with a red box), and Miscellaneous. Below the menu, there are three main sections: IPv4 System Status, IPv6 System Status, and Wireless Status, each with a table of configuration items and a 'Connect' button.

IPv4 System Status

Item		Sidenote
IP Address		PPPoA
Subnet Mask	0.0.0.0	
Gateway	0.0.0.0	
Domain Name Server	0.0.0.0, 0.0.0.0	
Connection Time	-	<input type="button" value="Connect"/>
ADSL Connection (Down Stream/Up Stream)	Disconnected	

IPv6 System Status

Item	WAN Status	Sidenote
WAN Link-Local Address		PPPoE
Global IPv6 Address	/64	
LAN IPv6 Link-Local Address		
Link Status		<input type="button" value="Connect"/>

Wireless Status

Item	WLAN Status	Sidenote
Wireless mode	Enable	(B/G/N Mixed)

Please continue on the next page.

5. Enter a tick in the **MAC Address Control** field to enable it.

NetComm NB16WV - ADSL2+ Wireless N Modem Router with VoIP

Switch to basic view
Switch to VoIP/NAS view

Status ▶ Network Setup ▶ Forwarding Rules ▶ Security Settings ▶ Advanced Settings ▶ Toolbox

Item	Setting		
MAC Address Control	<input checked="" type="checkbox"/> Enable		
<input checked="" type="checkbox"/> Connection control	Wireless and wired clients with C checked can connect to this device; and <input type="text" value="deny"/> unspecified MAC addresses to connect.		
<input checked="" type="checkbox"/> Association control	Wireless clients with A checked can associate to the wireless LAN; and <input type="text" value="deny"/> unspecified MAC addresses to associate.		
DHCP clients <input type="text" value="- select one -"/> Copy to ID <input type="text" value="-"/>			
ID	MAC Address	C	A
1	<input type="text" value="50:E5:49:64:A2:22"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>

<< Previous Next >> Save Undo

Saved!

6. Enter a tick in **Connection Control** and select either allow or deny for unspecified MAC addresses to connect.
7. Enter a tick in **Association Control** and select either allow or deny for unspecified MAC addresses to connect.
8. Enter the **MAC Address** of the wireless device you wish to allow or deny access to the router and tick **C** for Connection Control and or **A** for Association Control.
9. Press the Save button after making any changes.

You will then need to repeat this process for any subsequent devices you want to allow or deny access your wireless network.