

How do I control who connects to my LAN with MAC address?

Step 1: Log into you device using it's IP address, for example:

Step 2: Click on "ADVANCED" then "NETWORK FILTER"

The screenshot shows the D-Link DIR-845L web interface. At the top, it displays 'Product Page : DIR-845L', 'Hardware Version : A1', and 'Firmware Version : 1.02'. The main navigation bar includes 'DIR-845L', 'SETUP', 'ADVANCED', 'TOOLS', 'STATUS', and 'SUPPORT'. The 'ADVANCED' tab is selected, and the 'NETWORK FILTER' option is highlighted in the left sidebar. The main content area is titled 'MAC ADDRESS FILTER' and contains the following text: 'The MAC (Media Access Controller) Address filter option is used to control network access based on the MAC Address of the network adapter. A MAC address is a unique ID assigned by the manufacturer of the network adapter. This feature can be configured to ALLOW or DENY network/Internet access.' Below this text are 'Save Settings' and 'Don't Save Settings' buttons. The section is titled '24 -- MAC FILTERING RULES' and includes a dropdown menu to 'Configure MAC Filtering below:' with 'Turn MAC Filtering OFF' selected. It also shows 'Remaining number of rules that can be created: 24'. A table with 12 rows is visible, with columns for 'MAC Address', 'DHCP Client List', and 'Schedule'. Each row has a checkbox, a text input field, a '<<' button, a 'Computer Name' dropdown, an 'Always' dropdown, and a 'New Schedule' button. On the right side, there is a 'Helpful Hints...' section with several bullet points providing instructions on how to use the MAC filtering feature.

Step 3: Click on "Configure MAC Filter below:"

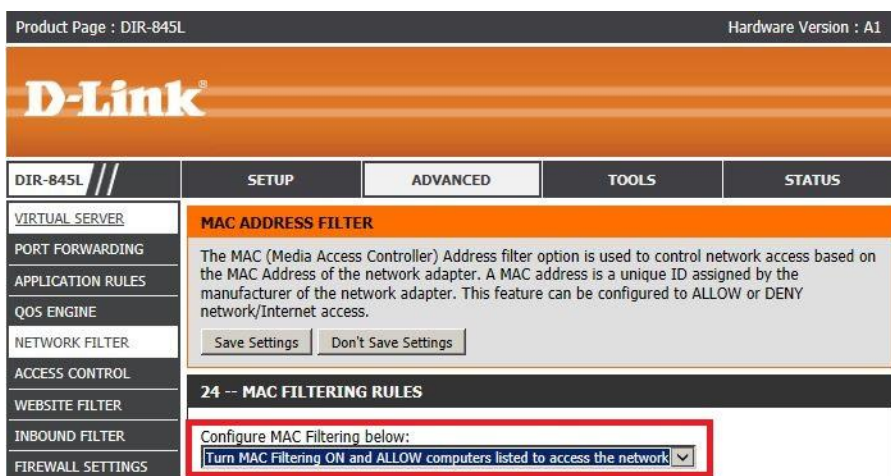
Here you can select between either; **"Turn MAC Filtering ON and ALLOW computer listed to access the network"** or **"Turn MAC Filtering ON and DENY computer listed to access the network"**

How to Control Access by MAC Address – DIR-845L

With this option enabled you may have up to 24 MAC address associated to either "ALLOW" or "DENY".

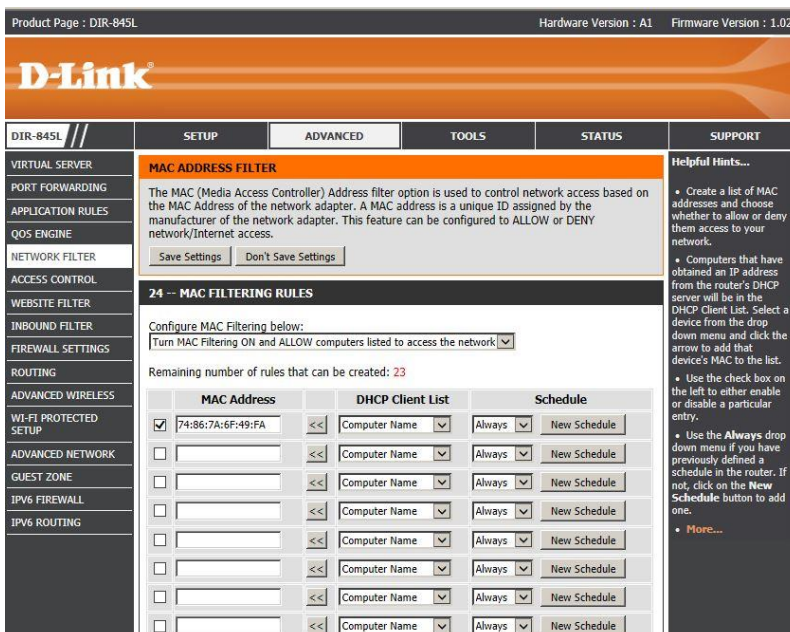
In this example, will explain how to "ALLOW" computers to access your network.

Step 4: Click on "Turn MAC Filtering ON and ALLOW computers listed to access the network"



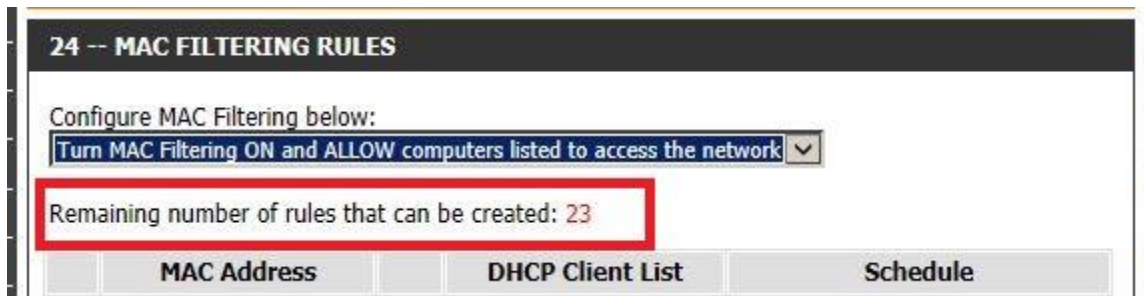
Once selected the you are then able to insert the desired MAC address (as below)

*Please ensure you allow the MAC address of the computer you are using to the list before adding any others. If not, you will not be able to access the router via the web GUI.



Step 5: Insert your MAC Address (for example) **74:86:7A:6F:49:FA** – Click on “Save Settings”

You will notice after clicking on “Save Settings” there will be the remaining permitted number of MAC address you are able to add to the list



To DENY a MAC address the process will be the same except for changing the option from; **“Turn MAC Filtering ON and ALLOW computer listed to access the network”** or **“Turn MAC Filtering ON to DENY computer listed to access the network”**

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