

Configure MAC Filter on your RV132W or RV134W VPN Router

Objective

Media Access Control (MAC) Address filtering allows you to permit or deny access to the wireless network based on the MAC address of the requesting device's MAC address.

This article aims to show you how to configure MAC address filtering on your RV132W or RV134W VPN router.

Applicable Devices

- RV132W
- RV134W

Software Version

- 1.0.0.17 — RV132W
- 1.0.0.21 — RV134W

Configure MAC Address Filtering

Step 1. Log in to the router web-based utility.

Note: In this article, the RV132W is used.

Step 2. Choose **Wireless > Basic Settings**.



Step 3. In the Wireless Table, check the box for the network you want to configure.

Basic Settings

Radio: Enable

Wireless Network Mode: B/G/N-Mixed ▼

Wireless Channel Width: 20MHz 20/40MHz

Wireless Channel: Auto ▼

U-APSD (WMM Power Save): Enable

<input type="checkbox"/>	Enable SSID	SSID Name	SSID Broadcast	Security Mode	MAC Filter	VLAN	Wi
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ON	ciscosb1_2.4G	<input checked="" type="checkbox"/>	WPA2-Personal	Disabled	1	
<input type="checkbox"/>	<input type="checkbox"/> OFF	ciscosb2_2.4G	<input checked="" type="checkbox"/>	Disabled	Disabled	1	
<input type="checkbox"/>	<input type="checkbox"/> OFF	ciscosb3_2.4G	<input checked="" type="checkbox"/>	Disabled	Disabled	1	
<input type="checkbox"/>	<input type="checkbox"/> OFF	ciscosb4_2.4G	<input checked="" type="checkbox"/>	Disabled	Disabled	1	

Edit Edit Security Mode Edit MAC Filtering Time of Day Access Edit WPS

Save Cancel

Step 4. Click **Edit MAC Filtering**.

Basic Settings

Radio: Enable

Wireless Network Mode: B/G/N-Mixed ▼

Wireless Channel Width: 20MHz 20/40MHz

Wireless Channel: Auto ▼

U-APSD (WMM Power Save): Enable

<input type="checkbox"/>	Enable SSID	SSID Name	SSID Broadcast	Security Mode	MAC Filter	VLAN	Wi
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ON	ciscosb1_2.4G	<input checked="" type="checkbox"/>	WPA2-Personal	Disabled	1	
<input type="checkbox"/>	<input type="checkbox"/> OFF	ciscosb2_2.4G	<input checked="" type="checkbox"/>	Disabled	Disabled	1	
<input type="checkbox"/>	<input type="checkbox"/> OFF	ciscosb3_2.4G	<input checked="" type="checkbox"/>	Disabled	Disabled	1	
<input type="checkbox"/>	<input type="checkbox"/> OFF	ciscosb4_2.4G	<input checked="" type="checkbox"/>	Disabled	Disabled	1	

Edit Edit Security Mode **Edit MAC Filtering** Time of Day Access Edit WPS

Save Cancel

Step 5. In the Wireless MAC Filter area, check the **Enable** check box to enable MAC Filtering for the selected SSID.

Wireless MAC Filter

SSID: ciscosb1_2.4G

Wireless MAC Filter: Enable

Connection Control

Prevent PCs listed below from accessing the wireless network.

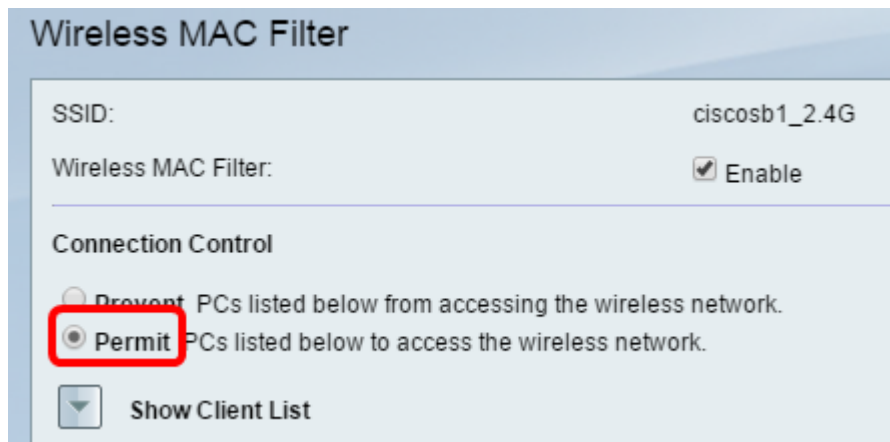
Permit PCs listed below to access the wireless network.

Show Client List

Step 6. In the Connection Control area, choose the type of access to the wireless network.

Note: In this example, we are permitting specific devices to access the wireless network.

- Permit — Choose this option to allow devices with the MAC addresses listed in the MAC Address Table to access the wireless network.
- Prevent — Choose this option to prevent devices with the MAC addresses listed in the MAC Address Table from accessing the wireless network. This option is selected by default.



Step 7. To show computers and other devices on the wireless network, click Show Client List.

Step 8. In the Client List Table, check the box to add the device to the list of devices to be added to the MAC Address Table.

Step 9. Click Add to MAC to add the chosen devices in the Client List Table to the MAC Address Table.

Step 10. Click **Save**.

You should now have successfully configured the MAC address filter on your RV132W or RV134W VPN router.