

MAC Filtering for an SSID on the RV110W

Objective

Each piece of hardware has a Media Access Control (MAC) address that acts as an identification code for that piece of hardware. On the RV110W, a user can permit or deny access to specific MAC addresses. This article explains how to configure MAC Filtering on the RV110W.

Applicable Devices

- RV110W

Steps of Procedure

Step 1. Use the web configuration utility to choose **Wireless > Basic Settings**.

Basic Settings

Radio: Enable

Wireless Network Mode: B/G/N-Mixed

Wireless Band Selection: 20MHz 20/40MHz

Wireless Channel: 6-2.437 GHZ

AP Management VLAN: 1

U-APSD (WMM Power Save): Enable

Wireless Table									
<input type="checkbox"/>	Enable SSID	SSID Name	SSID Broadcast	Security Mode	MAC Filter	VLAN	Wireless Isolation with SSID	WMM	WPS Hardware Button
<input type="checkbox"/>	<input checked="" type="checkbox"/>	ciscosb1	<input checked="" type="checkbox"/>	Disabled	Disabled	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>
<input type="checkbox"/>	<input type="checkbox"/>	ciscosb2	<input type="checkbox"/>	Disabled	Disabled	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
<input type="checkbox"/>	<input type="checkbox"/>	ciscosb3	<input type="checkbox"/>	Disabled	Disabled	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
<input type="checkbox"/>	<input type="checkbox"/>	ciscosb4	<input type="checkbox"/>	Disabled	Disabled	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>

Edit Edit Security Mode Edit MAC Filtering Time of Day Access

Save Cancel

Step 2. In the Wireless Table, check the checkbox of an SSID in which you want to edit the MAC Filtering settings.

Step 3. Click **Edit MAC Filtering**.

Wireless MAC Filter

SSID: ciscosb1

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

MAC Address Table		
01	<input type="text"/>	23 <input type="text"/>
02	<input type="text"/>	24 <input type="text"/>
03	<input type="text"/>	25 <input type="text"/>
04	<input type="text"/>	26 <input type="text"/>
05	<input type="text"/>	27 <input type="text"/>
06	<input type="text"/>	28 <input type="text"/>
07	<input type="text"/>	29 <input type="text"/>
08	<input type="text"/>	30 <input type="text"/>
09	<input type="text"/>	31 <input type="text"/>
10	<input type="text"/>	32 <input type="text"/>
11	<input type="text"/>	22 <input type="text"/>

Save Cancel Back

Step 4. To the right of Wireless MAC Filter, check the **Enable** checkbox to filter MAC addresses.

Step 5. Under Connection Control, click the **Prevent** to block the MAC addresses in the MAC Address Table, or click **Permit** to allow the same MAC addresses to access the wireless network.

Wireless MAC Filter

SSID: ciscob1

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

MAC Address Table		
01	12:34:56:78:9A:BC	23
02		24
03		25
04		26
05		27
06		28
07		29
08		30
09		31
10		32
11		

Save Cancel Back

Step 6. In the MAC Address Table, enter up to 32 MAC addresses in the numbered fields.

Step 7. Click **Save** to save changes, **Cancel** to discard them, or **Back** to return to the previous page.