

RV130W上SSID的MAC過濾

目標

MAC過濾允許您根據請求裝置的MAC (硬體) 地址允許或拒絕對無線網路的訪問。由於RV130W支援多個服務集識別符號(SSID) (無線客戶端可以連線到的唯一識別符號)，因此您可以為每個SSID設定MAC過濾。例如，可以輸入一組電腦的MAC地址，但只允許這些電腦訪問網路。因此，您可以有效地管理網路的成員。您可以在RV130W上為每個無線網路配置MAC過濾。

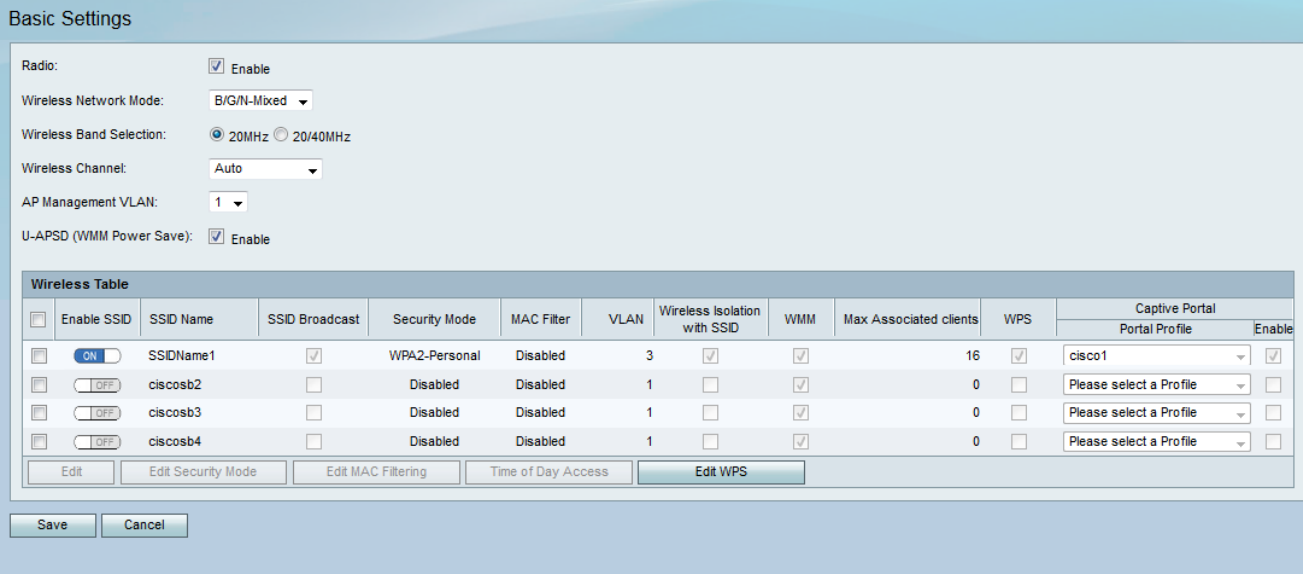
本文檔的目的是解釋如何在RV130W上配置MAC過濾設定。

適用裝置

·RV130W

程式步驟

步驟1. 登入到Web配置實用程式並選擇Wireless > Basic Settings。將開啟基本設定頁面：



The screenshot displays the 'Basic Settings' configuration page. The 'Radio' section is checked and enabled. The 'Wireless Network Mode' is set to 'B/G/N-Mixed', and the 'Wireless Band Selection' is set to '20MHz'. The 'Wireless Channel' is set to 'Auto', and the 'AP Management VLAN' is set to '1'. The 'U-APSD (WMM Power Save)' option is also checked and enabled.

| Wireless Table | | | | | | | | | | | | |
|--------------------------|-------------------------------------|-----------|-------------------------------------|---------------|------------|------|-------------------------------------|-------------------------------------|------------------------|-------------------------------------|-------------------------|-------------------------------------|
| <input type="checkbox"/> | Enable SSID | SSID Name | SSID Broadcast | Security Mode | MAC Filter | VLAN | Wireless Isolation with SSID | WMM | Max Associated clients | WPS | Captive Portal | |
| | | | | | | | | | | | Portal Profile | Enable |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | SSIDName1 | <input checked="" type="checkbox"/> | WPA2-Personal | Disabled | 3 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 16 | <input checked="" type="checkbox"/> | cisco1 | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | ciscosb2 | <input type="checkbox"/> | Disabled | Disabled | 1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 0 | <input type="checkbox"/> | Please select a Profile | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | ciscosb3 | <input type="checkbox"/> | Disabled | Disabled | 1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 0 | <input type="checkbox"/> | Please select a Profile | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | ciscosb4 | <input type="checkbox"/> | Disabled | Disabled | 1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 0 | <input type="checkbox"/> | Please select a Profile | <input type="checkbox"/> |

At the bottom of the table, there are buttons for 'Edit', 'Edit Security Mode', 'Edit MAC Filtering', 'Time of Day Access', and 'Edit WPS'. Below the table are 'Save' and 'Cancel' buttons.

步驟2. 選中您要編輯的服務集識別符號(SSID)覈取方塊。按一下Edit MAC Filtering按鈕為SSID配置MAC過濾。

Basic Settings

Radio: Enable

Wireless Network Mode: B/G/N-Mixed

Wireless Band Selection: 20MHz 20/40MHz

Wireless Channel: Auto

AP Management VLAN: 1

U-APSD (WMM Power Save): Enable

| Enable SSID | SSID Name | SSID Broadcast | Security Mode | MAC Filter | VLAN | Wireless Isolation with SSID | WMM | Max Associated clients | WPS | Captive Portal | |
|-------------------------------------|-----------|-------------------------------------|---------------|------------|------|-------------------------------------|-------------------------------------|------------------------|-------------------------------------|-------------------------|-------------------------------------|
| | | | | | | | | | | Portal Profile | Enable |
| <input checked="" type="checkbox"/> | SSIDName1 | <input checked="" type="checkbox"/> | WPA2-Personal | Disabled | 3 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 16 | <input checked="" type="checkbox"/> | cisco1 | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | ciscosb2 | <input type="checkbox"/> | Disabled | Disabled | 1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 0 | <input type="checkbox"/> | Please select a Profile | <input type="checkbox"/> |
| <input type="checkbox"/> | ciscosb3 | <input type="checkbox"/> | Disabled | Disabled | 1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 0 | <input type="checkbox"/> | Please select a Profile | <input type="checkbox"/> |
| <input type="checkbox"/> | ciscosb4 | <input type="checkbox"/> | Disabled | Disabled | 1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 0 | <input type="checkbox"/> | Please select a Profile | <input type="checkbox"/> |

將開啟MAC Filtering頁面：

Wireless MAC Filter

SSID: SSIDName1

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

| No. | MAC Address | No. | MAC Address | No. | MAC Address |
|-----|----------------------|-----|----------------------|-----|----------------------|
| 01 | <input type="text"/> | 23 | <input type="text"/> | 45 | <input type="text"/> |
| 02 | <input type="text"/> | 24 | <input type="text"/> | 46 | <input type="text"/> |
| 03 | <input type="text"/> | 25 | <input type="text"/> | 47 | <input type="text"/> |
| 04 | <input type="text"/> | 26 | <input type="text"/> | 48 | <input type="text"/> |
| 05 | <input type="text"/> | 27 | <input type="text"/> | 49 | <input type="text"/> |
| 06 | <input type="text"/> | 28 | <input type="text"/> | 50 | <input type="text"/> |
| 07 | <input type="text"/> | 29 | <input type="text"/> | 51 | <input type="text"/> |
| 08 | <input type="text"/> | 30 | <input type="text"/> | 52 | <input type="text"/> |
| 09 | <input type="text"/> | 31 | <input type="text"/> | 53 | <input type="text"/> |
| 10 | <input type="text"/> | 32 | <input type="text"/> | 54 | <input type="text"/> |
| 11 | <input type="text"/> | 33 | <input type="text"/> | 55 | <input type="text"/> |
| 12 | <input type="text"/> | 34 | <input type="text"/> | 56 | <input type="text"/> |
| 13 | <input type="text"/> | 35 | <input type="text"/> | 57 | <input type="text"/> |
| 14 | <input type="text"/> | 36 | <input type="text"/> | 58 | <input type="text"/> |
| 15 | <input type="text"/> | 37 | <input type="text"/> | 59 | <input type="text"/> |
| 16 | <input type="text"/> | 38 | <input type="text"/> | 60 | <input type="text"/> |
| 17 | <input type="text"/> | 39 | <input type="text"/> | 61 | <input type="text"/> |
| 18 | <input type="text"/> | 40 | <input type="text"/> | 62 | <input type="text"/> |
| 19 | <input type="text"/> | 41 | <input type="text"/> | 63 | <input type="text"/> |
| 20 | <input type="text"/> | 42 | <input type="text"/> | 64 | <input type="text"/> |
| 21 | <input type="text"/> | 43 | <input type="text"/> | | |
| 22 | <input type="text"/> | 44 | <input type="text"/> | | |

Save

Cancel

Back

步驟3.在 *Wireless MAC Filter* 欄位中，選中 **Enable** 竅取方塊以啟用所選SSID的MAC過濾。

SSID: SSIDName1

Wireless MAC Filter: Enable

Connection Control

Prevent PCs listed below from accessing the wireless network.

Permit PCs listed below to access the wireless network.

步驟4.在Connection Control欄位中，選擇與要訪問無線網路的型別對應的單選按鈕。

SSID: SSIDName1

Wireless MAC Filter: Enable

Connection Control

Prevent PCs listed below from accessing the wireless network.

Permit PCs listed below to access the wireless network.

可用選項定義如下：

- Prevent — 阻止MAC地址表中列出MAC地址的裝置訪問無線網路。阻止是預設選項。任何未列在MAC地址表中的裝置都可以訪問網路。
- Permit — 允許MAC地址表中列出MAC地址的裝置訪問無線網路。任何未列在MAC地址表中的裝置都不能訪問網路。

步驟5.要顯示無線網路中的電腦和其他裝置，請按一下顯示客戶端清單。

SSID: SSIDName1

Wireless MAC Filter: Enable

Connection Control

Prevent PCs listed below from accessing the wireless network.

Permit PCs listed below to access the wireless network.

系統將顯示Client List表：

SSID: SSIDName1

Wireless MAC Filter: Enable

Connection Control

Prevent PCs listed below from accessing the wireless network.

Permit PCs listed below to access the wireless network.

You must save before you can edit or delete.

| Client List Table | | | | |
|-------------------|------------|-------------------|-----------|---------------------------------|
| Client Name | IP Address | MAC Address | Status | Save to MAC Address Filter List |
| | | 55:55:55:55:55:55 | Connected | <input type="checkbox"/> |
| | | 55:55:55:55:55:5A | Connected | <input type="checkbox"/> |

步驟6.選中要新增到MAC地址表的裝置的儲存到MAC地址過濾器清單欄位中的覈取方塊。如果您的裝置未列在客戶端清單表中，請確保將其連線到無線網路。

SSID: SSIDName1

Wireless MAC Filter: Enable

Connection Control

Prevent PCs listed below from accessing the wireless network.

Permit PCs listed below to access the wireless network.

You must save before you can edit or delete.

| Client List Table | | | | |
|-------------------|------------|-------------------|-----------|-------------------------------------|
| Client Name | IP Address | MAC Address | Status | Save to MAC Address Filter List |
| | | 55:55:55:55:55:55 | Connected | <input checked="" type="checkbox"/> |
| | | 55:55:55:55:55:5A | Connected | <input type="checkbox"/> |

步驟7.按一下Add to MAC，將Client List Table中的所選裝置新增到MAC Address Table。

SSID: SSIDName1

Wireless MAC Filter: Enable

Connection Control

Prevent PCs listed below from accessing the wireless network.

Permit PCs listed below to access the wireless network.

You must save before you can edit or delete.

| Client List Table | | | | |
|-------------------|------------|-------------------|-----------|-------------------------------------|
| Client Name | IP Address | MAC Address | Status | Save to MAC Address Filter List |
| | | 55:55:55:55:55:55 | Connected | <input checked="" type="checkbox"/> |
| | | 55:55:55:55:55:5A | Connected | <input type="checkbox"/> |

裝置將新增到MAC地址表中。

Wireless MAC Filter

SSID: SSIDName1

Wireless MAC Filter: Enable

Connection Control

Prevent PCs listed below from accessing the wireless network.

Permit PCs listed below to access the wireless network.

You must save before you can edit or delete.

| Client List Table | | | | |
|-------------------|------------|----------------|-----------|-------------------------------------|
| Client Name | IP Address | MAC Address | Status | Save to MAC Address Filter List |
| | | 55:55:55:55:55 | Connected | <input checked="" type="checkbox"/> |
| | | 55:55:55:55:5A | Connected | <input type="checkbox"/> |

| MAC Address Table | | | | | |
|-------------------|----------------------|-----|----------------------|-----|----------------------|
| No. | MAC Address | No. | MAC Address | No. | MAC Address |
| 01 | 55:55:55:55:55 | 23 | <input type="text"/> | 45 | <input type="text"/> |
| 02 | <input type="text"/> | 24 | <input type="text"/> | 46 | <input type="text"/> |
| 03 | <input type="text"/> | 25 | <input type="text"/> | 47 | <input type="text"/> |
| 04 | <input type="text"/> | 26 | <input type="text"/> | 48 | <input type="text"/> |
| 05 | <input type="text"/> | 27 | <input type="text"/> | 49 | <input type="text"/> |

步驟8. (可選) 如果要新增當前未連線到SSID的裝置，請在MAC地址表中輸入裝置的MAC地址。

步驟9. 按一下**Save**以儲存設定。

| | | | | | |
|----|----------------------|----|----------------------|----|----------------------|
| 06 | <input type="text"/> | 28 | <input type="text"/> | 50 | <input type="text"/> |
| 07 | <input type="text"/> | 29 | <input type="text"/> | 51 | <input type="text"/> |
| 08 | <input type="text"/> | 30 | <input type="text"/> | 52 | <input type="text"/> |
| 09 | <input type="text"/> | 31 | <input type="text"/> | 53 | <input type="text"/> |
| 10 | <input type="text"/> | 32 | <input type="text"/> | 54 | <input type="text"/> |
| 11 | <input type="text"/> | 33 | <input type="text"/> | 55 | <input type="text"/> |
| 12 | <input type="text"/> | 34 | <input type="text"/> | 56 | <input type="text"/> |
| 13 | <input type="text"/> | 35 | <input type="text"/> | 57 | <input type="text"/> |
| 14 | <input type="text"/> | 36 | <input type="text"/> | 58 | <input type="text"/> |
| 15 | <input type="text"/> | 37 | <input type="text"/> | 59 | <input type="text"/> |
| 16 | <input type="text"/> | 38 | <input type="text"/> | 60 | <input type="text"/> |
| 17 | <input type="text"/> | 39 | <input type="text"/> | 61 | <input type="text"/> |
| 18 | <input type="text"/> | 40 | <input type="text"/> | 62 | <input type="text"/> |
| 19 | <input type="text"/> | 41 | <input type="text"/> | 63 | <input type="text"/> |
| 20 | <input type="text"/> | 42 | <input type="text"/> | 64 | <input type="text"/> |
| 21 | <input type="text"/> | 43 | <input type="text"/> | | |
| 22 | <input type="text"/> | 44 | <input type="text"/> | | |