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:

	Basic Settings											
Radio	:	V	Enable									
Wirele	ess Network M	ode: B	/G/N-Mixed 👻									
Wirele	ess Band Seleo	ction: 🧕	20MHz 🔘 20/40MHz									
Wirele	ess Channel:	A	uto 👻									
AP Ma	anagement VL	AN: 1	•									
U-APS	SD (WMM Pow	er Save): 🔽	Enable									
Wire	eless Table											
	Enable SSID	SSID Name	SSID Broadcast	Security Mode	MAC Filter	VLAN	Wireless Isolation	WMM	Max Associated clients	WPS	Captive Portal	
	2.112010 0010			occurry mode							Portal Profile	
and a second					1		with SSID					Enable
		SSIDName1	✓	WPA2-Personal	Disabled	3	with SSID	V	16	1	cisco1	Enable
		SSIDName1 ciscosb2		WPA2-Personal Disabled	Disabled	3	with SSID	 ✓ 	16 0	 Image: A state of the state of	cisco1 Please select a Profile	Enable
		SSIDName1 ciscosb2 ciscosb3		WPA2-Personal Disabled Disabled	Disabled Disabled Disabled	3	With SSID	✓ ✓ ✓	16 0 0		cisco1 Please select a Profile Please select a Profile	Enable
		SSIDName1 ciscosb2 ciscosb3 ciscosb4		WPA2-Personal Disabled Disabled Disabled	Disabled Disabled Disabled Disabled	3 1 1 1		✓ ✓ ✓ ✓	16 0 0		cisco1 Please select a Profile Please select a Profile Please select a Profile	
	ON OFF OFF Edit	SSIDName1 ciscosb2 ciscosb3 ciscosb4 Edit Security	Mode Edit M.	WPA2-Personal Disabled Disabled Disabled AC Filtering	Disabled Disabled Disabled Disabled Time of Day Acc	3 1 1 1 ess	Edit WPS	✓ ✓ ✓ ✓	16 0 0		Cisco1 Please select a Profile Please select a Profile Please select a Profile	
	ON OFF	SSIDName1 ciscosb2 ciscosb3 ciscosb4 Edit Security	Mode Edit M	WPA2-Personal Disabled Disabled Disabled AC Filtering	Disabled Disabled Disabled Disabled Time of Day Acc	3 1 1 1 ess	edit WPS	 ✓ ✓ ✓ 	16 0 0		Cisco1 Please select a Profile Please select a Profile Please select a Profile	
	ON DFF OFF Edit Ve Ca	SSIDName1 ciscosb2 ciscosb3 ciscosb4 Edit Security	I I I Mode Edit M.	WPA2-Personal Disabled Disabled Disabled AC Filtering	Disabled Disabled Disabled Disabled Time of Day Acc	3 1 1 1 ess	Edit WPS	 ✓ ✓ ✓ ✓ 	16 0 0		Cisco1 Please select a Profile Please select a Profile Please select a Profile	

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。

Bas	Basic Settings											
Rad	lio:	🔽 Ena	V Enable									
Wireless Network Mode: B/G/N-Mixed 🗸												
Wir	eless Band Sele	ction: 🔍 20M	IHz 🔘 20/40MHz									
Wir	eless Channel:	Auto	•									
AP	Management VL	AN: 1 👻										
U-4	APSD (WMM Pow	er Save): 🔽 Fna	ible									
		·										
N	ireless Table											
	Enable SSID	COID Norma									Operations Develop	
		SSID Name	SSID Broadcast	Security Mode	MAC Filter	VLAN	with SSID	WMM	Max Associated clients	WPS	Portal Profile	Enable
		SSID Name SSIDName1	SSID Broadcast	Security Mode WPA2-Personal	MAC Filter Disabled	VLAN	Wireless Isolation with SSID	WMM	Max Associated clients	WPS	Captive Portal Portal Profile cisco1	Enable
		SSID Name SSIDName1 ciscosb2	SSID Broadcast	Security Mode WPA2-Personal Disabled	MAC Filter Disabled Disabled	VLAN 3	Wireless Isolation with SSID	WMM V	Max Associated clients 16 0	WPS	Portal Profile cisco1 Please select a Profile	Enable
		SSIDName1 ciscosb2 ciscosb3	SSID Broadcast	Security Mode WPA2-Personal Disabled Disabled	MAC Filter Disabled Disabled Disabled	VLAN 3 1	Wireless Isolation with SSID	WMM	Max Associated clients 16 0 0	WPS	Captive Portal Portal Profile cisco1 Please select a Profile Please select a Profile	Enable
		SSID Name SSIDName1 ciscosb2 ciscosb3 ciscosb4	SSID Broadcast	Security Mode WPA2-Personal Disabled Disabled Disabled	MAC Filter Disabled Disabled Disabled Disabled	VLAN 3 1 1 1	Wireless Isolation with SSID	₩MM ✓ ✓ ✓ ✓	Max Associated clients 16 0 0 0	WPS	Capitve Portal Portal Profile Cisco1 Please select a Profile Please select a Profile Please select a Profile	Enable
	ON OFF OFF COFF COFF Edit	SSID Name SSIDName1 ciscosb2 ciscosb3 ciscosb4 Edit Security Mod	SSID Broadcast	Security Mode WPA2-Personal Disabled Disabled Disabled C Filtering	MAC Filter Disabled Disabled Disabled Disabled Fime of Day Acc	VLAN 3 1 1 1 2 Cess	Wireless isolation with SSID	₩MM √ √ √ √ √	Max Associated clients 16 0 0 0	WPS	Portal Profile cisco1 Please select a Profile Please select a Profile Please select a Profile	Enable
	ON OFF OFF Edit	SSID Name SSDName1 ciscosb2 ciscosb3 ciscosb4 Edit Security Mod	SSID Broadcast	Security Mode WPA2-Personal Disabled Disabled C Filtering	MAC Filter Disabled Disabled Disabled Time of Day Acc	VLAN 3 1 1 1 2 Cess	Wreless Isolation with SSID	₩MM √ √ √ √	Max Associated clients 16 0 0 0	WPS	Captive Portai Portal Portai cisco1 Please select a Profile Please select a Profile Please select a Profile	Enable

將開啟MAC Filtering頁面:

Vireless MAC Filter						
SSID:	SSIDName1					
Wireless MAC	Filter: 🔲 Enable					
Connection C	Connection Control					
O Prevent F	Prevent PCs listed below from accessing the wireless network.					
Permit	Cs listed below to access t	he wireless net	work.			
Show (Client List					
MAC Addres	ss Table					
No. MAG	C Address	No.	MAC Address	No.	MAC Address	
01		23		45		
02		24		46		
03		25		47		
04		26		48		
05		27		49		
06		28		50		
07		29		51		
08		30		52		
09		31		53		
10		32		54		
11		33		55		
12		34		56		
13		35		57		
14		36		58		
15		37		59		
16		38		60		
17		39		61		
18		40		62		
19		41		63		
20		42		64		
21		43				
22		44				
Save	Cancel Back					

步驟3.在Wireless MAC Filter欄位中,選中Enable覈取方塊以啟用所選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.
Show Client List

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	Connection Control						
 Prevent PCs listed below from accessing the wireless network. Permit PCs listed below to access the wireless network. 							
Show Client L	ist						

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	Connection Control						
Prevent PCs listed below from accessing the wireless network. Permit PCs listed below to access the wireless network.							
Show Client List							

系統將顯示Client List表:

SSID: SSID Wireless MAC Filter:	3ID: SSIDName1 ireless MAC Filter: Venable					
Connection Control O Prevent PCs listed below from accessing the wireless network. Permit PCs listed below to access the wireless network. Hide Client List						
You must save before you o	an 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					
		55:55:55:55:55:5A	Connected			
Add to MAC						

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: Wireless MAC Filter:	SSIDName1					
Connection Control Prevent PCs listed below from accessing the wireless network. Permit PCs listed below to access the wireless network. Hide Client List 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			
		55:55:55:55:55	Connected			
Add to MAC						

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: Wireless MAC Filter:	SSIDName1 MAC Filter: V Enable					
Connection Control O Prevent PCs listed below from accessing the wireless network. O Permit PCs listed below to access the wireless network. Hide Client List 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			
		55:55:55:55:55	Connected			
Add to MAC						

裝置將新增到MAC地址表中。

Wireless MAC F	ilter					
SSID:	SSIDName1					
Wireless MAC Filter:	Enable					
Connection Control						
 Prevent PCs list Permit PCs liste Hide Client List You must save before 	Prevent PCs listed below from accessing the wireless network. Permit PCs listed below to access the wireless network. Hide Client List 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		
			55:55:55:55:55	Connected		
Add to MAC						
MAC Address Table	•					
No. MAC Add	ress	No.	MAC Address	No. MAC Ad	idress	
01 (55:55:5	5:55:55:55	23		45		
02		24		46		
03		25		47		
04		26		48		
05		27		49		

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	28	50
07	29	51
08	30	52
09	31	53
10	32	54
11	33	55
12	34	56
13	35	57
14	36	58
15	37	59
16	38	60
17	39	61
18	40	62
19	41	63
20	42	64
21	43	
22	44	
Save Cancel Back		