# 如何在RV130W上配置無線分佈系統(WDS)

#### 目標

無線分佈系統(WDS)是在網路中實現接入點(AP)無線互連的系統。WDS允許使用多個接入點來擴展無線網路,而無需使用有線骨幹鏈路來連線它們。要建立WDS鏈路,裝置和其他遠端WDS對等體必須在相同的無線網路模式、無線通道、無線頻帶選擇和加密型別(None或WEP)中配置。 有關詳細資訊,請參閱在RV130W上配置基本無線設定。

在典型的小型企業環境中,您可以在網橋模式或中繼器模式下配置WDS。如果您希望其他 AP擴展裝置的網路訊號(充當公共鏈路),網橋模式非常有用。如果希望裝置使用無線連線 充當其他AP的網路訊號中繼器,中繼器模式將很有用。

本文檔旨在向您展示如何在RV130W上配置無線分佈系統。

## 適用裝置

·RV130W

## 軟體版本

·v1.0.1.3

## 無線分佈系統配置

#### 在網橋模式下配置WDS

步驟1.登入到Web配置實用程式並選擇Wireless > WDS。WDS 頁面隨即開啟:

WDS	
WDS MAC Add	dress: 3C:CE:73:8E:04:1E
WDS	
Mode	○ WDS Bridge
	Remote Wireless Bridge's MAC Address
	MAC 1 (Hint: 00:11:22:33:44:55 or 001122334455)
	MAC 2
	MAC 3
	MAC 4
	WDS Repeater
	Allow wireless signal to be repeated by a repeater
	MAC 1
	MAC 2
	MAC 3
	MAC 4
	Repeat wireless signal of a remote access point
	Remote Access Point's MAC Address (Select one from the site survey list or define your own):
	Show Available Networks
	MAC
7.1	
Save	Cancel

步驟2.要啟用WDS,請選中WDS 欄位中的覈取方塊。

WDS	
WDS MAC Addi	s: 3C:CE:73:8E:04:1E
wds (	
Mode	WDS Bridge
	Remote Wireless Bridge's MAC Address
	MAC 1 (Hint: 00:11:22:33:44:55 or 001122334455)
	MAC 2
	MAC 3
	MAC 4
	WDS Repeater
	Allow wireless signal to be repeated by a repeater
	MAC 1
	MAC 2
	MAC 3
	MAC 4
	Repeat wireless signal of a remote access point
	Remote Access Point's MAC Address (Select one from the site survey list or define your own):
	Show Available Networks
	MAC
	1
Save	Cancel

步驟3.在*Mode*欄位中,按一下**WDS Bridge**單選按鈕。當路由器的WDS配置為網橋模式時,WDS會將配置的接入點指定為多個接入點之間的公共鏈路。

WDS	
WDS MAC Address: 3C:Cl	E:73:8E:04:1E
WDS 🔻	
Mode WDS E	Bridge
	Remote Wireless Bridge's MAC Address
	MAC 1 (Hint: 00:11:22:33:44:55 or 001122334455)
	MAC 2
	MAC 3
	MAC 4
© WDS F	Repeater
	Allow wireless signal to be repeated by a repeater
	MAC 1
	MAC 2
	MAC 3
	MAC 4
	Repeat wireless signal of a remote access point
	Remote Access Point's MAC Address (Select one from the site survey list or define your own):
	Show Available Networks
	MAC
Save Cancel	

步驟4.在*遠端無線網橋的MAC地址*部分,在*MAC 1欄位中輸入要用作網橋的接入點的MAC地*址。您還可以在*MAC 2、MAC 3*和*MAC 4*欄位中配置要用作網橋的其他接入點。

١	WDS	
	WDS MAC Ad	ess: 3C:CE:73:8E:04:1E
	WDS	$oldsymbol{\mathbb{V}}$
	Mode	WDS Bridge
		Remote Wireless Bridge's MAC Address
		MAC 1 (00:11:3E:8E:44:55 (Hint: 00:11:22:33:44:55 or 001122334455)
		MAC 2
		MAC 3
		MAC 4
		○ WDS Repeater
		Allow wireless signal to be repeated by a repeater
		MAC 1
		MAC 2
		MAC 3
		MAC 4
		Repeat wireless signal of a remote access point
		Remote Access Point's MAC Address (Select one from the site survey list or define your own):
		Show Available Networks
		MAC
	Save	Cancel

步驟5.按一下Save以儲存變更。

	WDS				
	WDS MAC A	ddress: 3C:CE:73:8	BE:04:1E		
	WDS	<b>V</b>			
	Mode	WDS Bridge			
		F	Remote Wireless Bridge's MAC Address		
		V	MAC 1 00:11:3E:8E:44:55 (Hint: 00:11:22:33:44:55 or 001122334455)		
		N	MAC 2		
		N	MAC 3		
		N	MAC 4		
		WDS Repeat	iter		
			Allow wireless signal to be repeated by a repeater		
		N	MAC 1		
		N	MAC 2		
		N	MAC 3		
		Λ	MAC 4		
			Repeat wireless signal of a remote access point		
		F	Remote Access Point's MAC Address (Select one from the site survey list or define your own):		
			Show Available Networks		
		N	MAC		
1	Save	Cancel			
-	Save	Calicel			

## 無線中繼器模式下的WDS配置

步驟1.登入到Web配置實用程式並選擇Wireless > WDS。WDS頁面隨即開啟。

WDS	
WDS MAC Add	dress: 3C:CE:73:8E:04:1E
WDS	
Mode	○ WDS Bridge
	Remote Wireless Bridge's MAC Address
	MAC 1 (Hint: 00:11:22:33:44:55 or 001122334455)
	MAC 2
	MAC 3
	MAC 4
	WDS Repeater
	Allow wireless signal to be repeated by a repeater
	MAC 1
	MAC 2
	MAC 3
	MAC 4
	Repeat wireless signal of a remote access point
	Remote Access Point's MAC Address (Select one from the site survey list or define your own):
	Show Available Networks
	MAC
7.1	
Save	Cancel

步驟2.要啟用WDS,請選中WDS 欄位中的覈取方塊。

WDS	
WDS MAC Addi	s: 3C:CE:73:8E:04:1E
wds (	
Mode	WDS Bridge
	Remote Wireless Bridge's MAC Address
	MAC 1 (Hint: 00:11:22:33:44:55 or 001122334455)
	MAC 2
	MAC 3
	MAC 4
	WDS Repeater
	Allow wireless signal to be repeated by a repeater
	MAC 1
	MAC 2
	MAC 3
	MAC 4
	Repeat wireless signal of a remote access point
	Remote Access Point's MAC Address (Select one from the site survey list or define your own):
	Show Available Networks
	MAC
	1
Save	Cancel

步驟3.在*Mode*欄位中,按一下**WDS Repeater**單選按鈕。當路由器的WDS配置為中繼器模式時,WDS會指定已配置的接入點通過無線連線重複訊號,連線到多個無線接入點,而無需有線連線至LAN。

WDS		^
WDS MAC	Address: 3C:CE:73:8E:04:1E	
WDS		
Mode	○ WDS Bridge	
	Remote Wireless Bridge's MAC Address	
	MAC 1 (Hint: 00:11:22:33:44:55 or 001122334455)	
	MAC 2	
	MAC 3	
	MAC 4	
	NDS Repeater	
	Allow wireless signal to be repeated by a repeater	Ε
	MAC 1	
	MAC 2	
	MAC 3	
	MAC 4	
	Repeat wireless signal of a remote access point	
	Remote Access Point's MAC Address (Select one from the site survey list or define your own):	
	Show Available Networks	
	MAC	
Save	Cancel	

步驟4.為WDS中繼器模式選擇所需的選項。可用選項定義如下:

- ·允許中繼器重複無線訊號 指定接入點用於重複裝置的無線訊號。
- ·重複遠端接入點的無線訊號 該裝置用於重複另一個無線接入點的無線訊號。如果選擇此選項,請跳至步驟6。

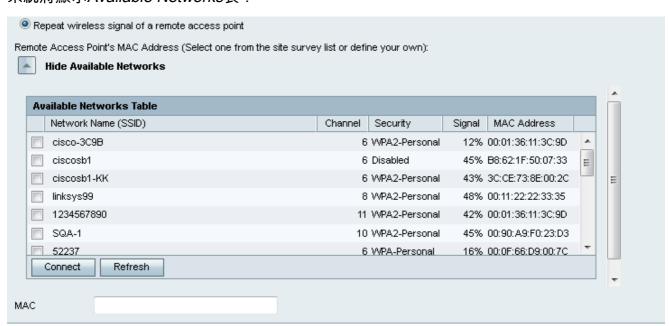
步驟5.如果您在步驟4中選擇Allow wireless signal to be repeated by a repeater(允許中繼器 重複無線訊號),請在MAC 1欄位中輸入要用作中繼器的接入點的MAC地址。您可以在MAC 2、MAC 3和MAC 4欄位中配置要用作中繼器的其他接入點。跳至步驟9。

١	WDS	
	WDS MAC Add	dress: 3C:CE:73:8E:04:1E
	WDS	₹
	Mode	© WDS Bridge
		Remote Wireless Bridge's MAC Address
		MAC 1 (Hint: 00:11:22:33:44:55 or 001122334455)
		MAC 2
		MAC 3
		MAC 4
		WDS Repeater
		Allow wireless signal to be repeated by a repeater
		MAC 1 00:01:32:23:3C:9D
		MAC 2
		MAC 3
		MAC 4
		Repeat wireless signal of a remote access point
		Remote Access Point's MAC Address (Select one from the site survey list or define your own):
		Show Available Networks
		MAC
	Save	Cancel

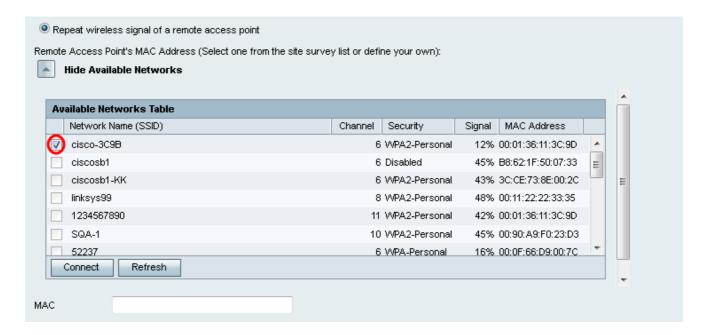
步驟6.如果您在步驟4中選擇**重複遠端接入點的無線訊號,請按一下顯示可用網路**以查詢要連 線的可用無線接入點。

WDS			
WDS MAC Add	dress: 3C:CE:73:8E:04:1E		
WDS	<b>v</b>		
Mode	○ WDS Bridge		
	Remote Wire	ess Bridge's MAC Address	
	MAC 1	(Hir	nt: 00:11:22:33:44:55 or 001122334455)
	MAC 2		
	MAC 3		
	MAC 4		
WDS Repeater			
○ Allow wireless signal to be repeated by a repeater			ır
	MAC 1		
	MAC 2		
	MAC 3		
	MAC 4		
		ireless signal of a remote access point	
			m the site survey list or define your own):
		Available Networks	,
	MAC		

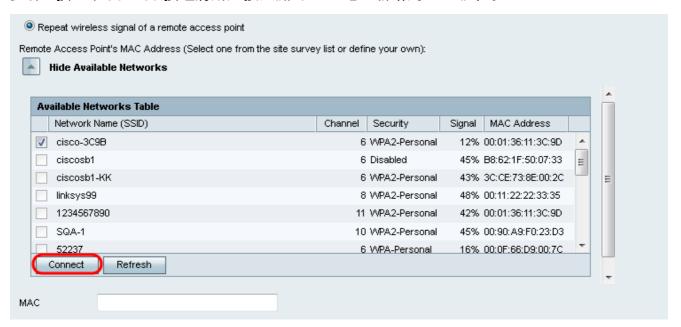
#### 系統將顯示Available Networks表:



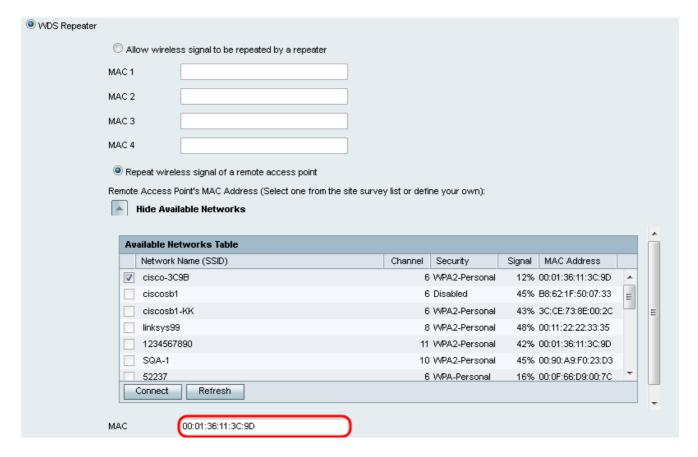
步驟7.選中所需的網路名稱覈取方塊,以指定希望裝置為其重複訊號的可用無線接入點。



步驟8.按一下Connect按鈕將所選接入點的MAC地址新增到MAC欄位。



MAC欄位將使用所選網路的MAC地址更新。



#### 步驟9.按一下Save以儲存設定。

