Advanced Wireless Configuration in Cisco Business Dashboard

Objective

The objective of this article is to go over some advanced wireless configuration options using the Cisco Business Dashboard (CBD) version 2.5.0.

Applicable Devices | Software Version

- Cisco Business Dashboard | 2.5.0

Introduction

CBD provides tools that help you monitor and manage the devices in your Cisco Business network. It automatically discovers your network and allows you to configure and monitor all supported devices such as switches, routers, and wireless access points.

CBD version 2.5.0 adds many new options to help control your wireless networks from the Dashboard itself. This includes the ability to configure Application Visibility and Local Profiling on SSIDs that you have created via CBD.

You can also customize RF optimization settings, Rogue AP detection, and Interferer detection as part of the new Wireless Radio menu by creating a profile and applying it to groups of access points (AP).

Finally, you can customize some radio settings on an AP-by-AP basis by going into the detailed properties of a device.

Keep reading to find out more!

Table of Contents

Wireless LANs

You can now enable Application Visibility and Local Profiling settings for a specific SSID using CBD.

If you have these enabled when you create the SSID, they will be enabled on all CBW devices that have the SSID.

To access this menu:

Step 1

Login to your CBD.

English ▾

CISCO

Cisco Business Dashboard

User Name*   ❶

This field is required

Password*   ❷

Login ❸

Step 2

Navigate to **Network Configuration > Wireless LANs**.

⚙ Network Configuration ❶ ⓧ

Wizard

Time Management

DNS Resolvers

Authentication

Virtual LANs
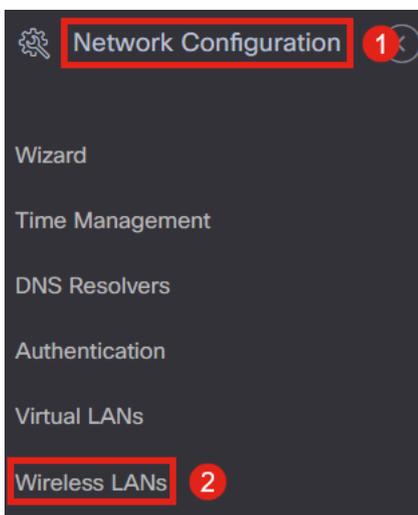
Wireless LANs ❷

Step 3

You can either create or edit an existing Wireless LAN profile. This is an easy way to deploy wireless networks to a larger number of access points. To create a new profile, click on the **plus icon.**

Wireless LANs

Wireless LANs

▾ Profile Name

Step 4

Configure the *Profile Name, Organization, and Device Groups.*

Wireless LANs->Update WLANProfile2

Device Group Selection

Profile Name	WLANProfile2 ①
Organization	Default ②
	③

Device Groups

Available Groups		Selected Groups
Branch 1	>	Default
	<	
	>>	
	<<	

Step 5

To add a WLAN, click on the **plus icon** under *Wireless LANs.*

Wireless LANs

SSID Name

Step 6

Configure the fields in the window. Under *Advanced Settings*, you can specify *Application Visibility* and *Local Profiling* settings for this SSID. Once you have configured the settings, click **Save.**

Add Wireless LANs ✕

Enable	Enable ⬤
SSID Name	CBDTestWLAN ✔
VLAN ID	1 ✔
Security	WPA2-WPA3-Personal ▾
Preshared Key	•••••••• ✔

▾ Advanced Settings

Broadcast	Enable ⬤
Application Visibility	Enable ⬤
Local Profiling	Enable ⬤
Radio	BOTH ▾

Save   Cancel

If you have these enabled when you create the SSID, they will be enabled on all CBW

Wireless Radios

Wireless Radios is a new menu that can be found in CBD 2.5.0 user interphase. To access this:

Step 1

Login to your CBD and navigate to **Network Configuration > Wireless Radios**.
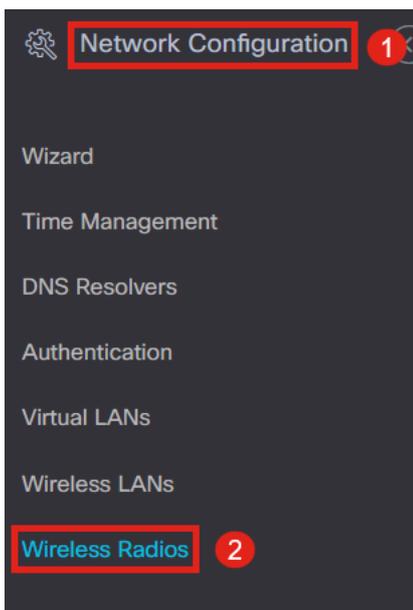
Step 2

Click on the **plus icon** to add a profile.
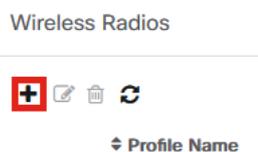
Step 3

Here, you can create a profile and configure multiple devices in a device group to set the *RF Optimization* settings, *Rogue Detection*, and *Interferer Detection* settings for your CBW APs.
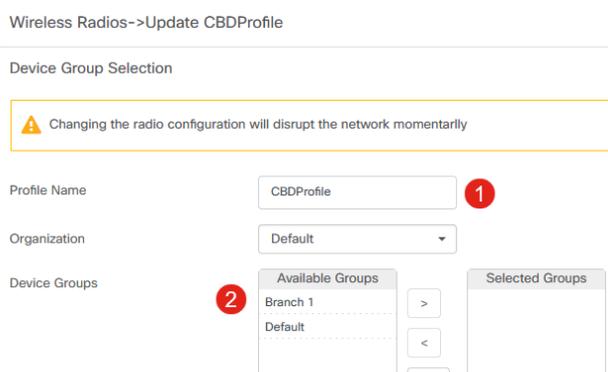
Radio Settings

You can more easily customize the radio settings including channel, power level, and enable or disable on a per-device basis.

Step 1

Go to **Inventory** in the CBD menu.
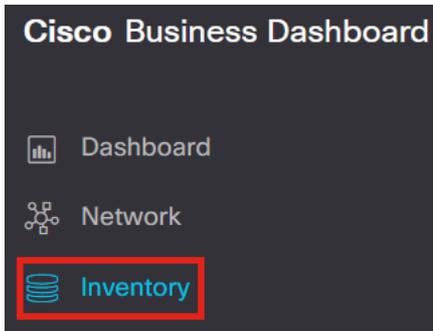
Step 2

Select a device from the list and click **More** on the right side of the user interphase.
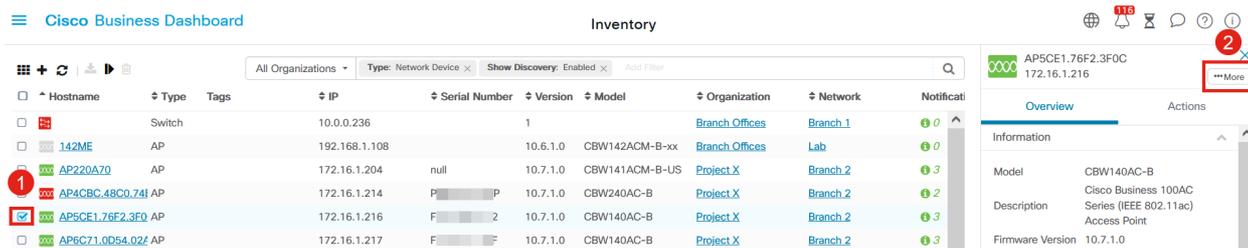
Step 3

Navigate to the **Wireless LANs** tab.
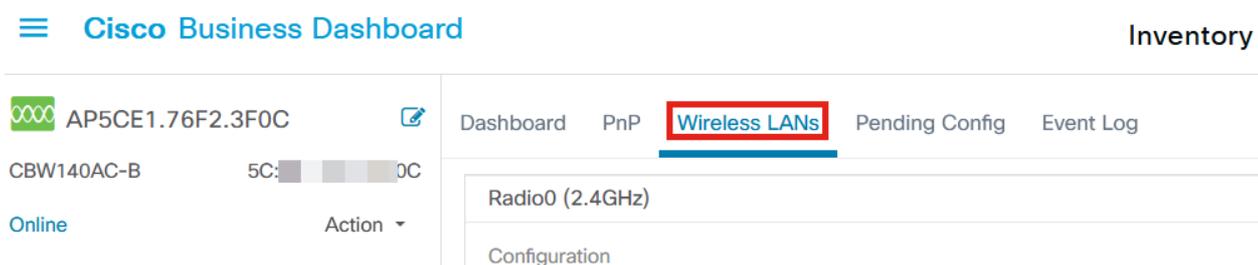
Step 4

You will see the current Radio settings for the device. To edit a specific Radio, click on the **pencil icon** next to it.
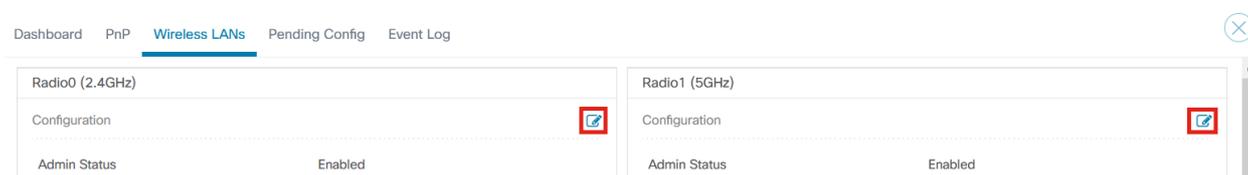
Step 5

The edit button will change to a *Save icon*. After making the desired changes to the Radio settings, click **Save**.
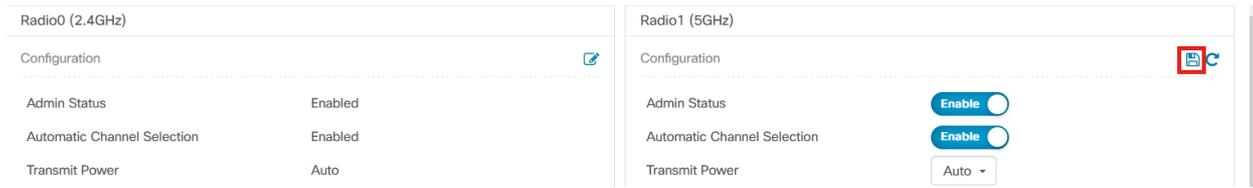
Conclusion

That's it! Now you know all about the advanced wireless configuration options in CBD 2.5.0 to control and manage your wireless networks.