

Create a Guest Network Via Web or Via App

Objective

The objective of this article is to create a guest network using the Web User Interface (UI) inside a Cisco Business Wireless (CBW) mesh network. If you would like to learn about the basics of Mesh Networking, check out [Cisco Business: Welcome to Wireless Mesh Networking](#).

To create a guest network using a mobile device instead of the Web UI, click the toggle at the top of the article.

Applicable Devices | Firmware Version

- 140AC ([Data Sheet](#)) | 10.4.1.0 ([Download latest](#))
- 145AC ([Data Sheet](#)) | 10.4.1.0 ([Download latest](#))
- 240AC ([Data Sheet](#)) | 10.4.1.0 ([Download latest](#))

Introduction

Cisco Business Wireless (CBW) Access Points (APs) are 802.11 a/b/g/n/ac (Wave 2) based, with internal antennas. These APs support the latest 802.11ac Wave 2 standard for higher performance, greater access, and higher-density networks. They deliver industry-leading performance with highly secure and reliable wireless connections, for a robust, mobile end-user experience.

The CBW access points can be used as traditional standalone devices or as part of a mesh network.

Are you looking to create guest access on your CBW network using the Web UI of the Primary Access Point (AP)? If you are, you have come to the right place. Keep reading!

Configuration Steps

This toggled section highlights tips for beginners.

Logging In

Log into the Web User Interface (UI) of the Primary AP. To do this, open a web browser and enter `https://ciscobusiness.cisco`. You may receive a warning before proceeding. Enter your credentials. You can also access the Primary AP by entering `https://[ipaddress]` (of the Primary AP) into a web browser.

Tool Tips

If you have questions about a field in the user interface, check for a tool tip that looks like the following: 

Trouble locating the Expand Main Menu icon?

Navigate to the menu on the left-hand side of the screen, if you don't see the menu button, click this icon to open the side-bar menu. 

Cisco Business App

These devices have companion apps that share some management features with the web user interface. Not all features in the Web user interface will be available in the App.

[Download iOS App](#) [Download Android App](#)

Frequently Asked Questions

If you still have unanswered questions, you can check our frequently asked questions document. [FAQ](#)

Step 1

Power up the Access Point if it isn't already on. Check the status of the indicator lights. When the LED light is blinking green, proceed to the next step.

Booting up the access point will take about 8–10 minutes. The LED will blink green in multiple patterns, alternating rapidly through green, red, and amber before turning green again. There may be small variations in the LED color intensity and hue.

Step 2

Log into the Web UI of the Primary AP. Open a web browser and enter [www.https://ciscobusiness.cisco](https://ciscobusiness.cisco). You may receive a warning before proceeding. Enter your credentials.

You can also access it by entering the IP address of the Primary AP into a web browser or you can use the Cisco Business Wireless app for minor configuration changes.

If you are unfamiliar with the terms used, check out [Cisco Business: Glossary of New Terms](#).

Step 3

A Wireless Local Area Network (WLAN) can be created by navigating to **Wireless Settings > WLANs**. Then select **Add new WLAN/RLAN**.

Action	Active	Type	Name	SSID	Security Policy	Radio Policy	
	Enabled	WLAN	EZ1K	EZ1K	EZ1K	Personal(WPA2)	ALL
	Enabled	RLAN	DEFAULT_RLAN	DEFAULT_RLAN	DEFAULT_RLAN	Open	N/A

Step 4

Under the *General* tab, enter the following information:

- *WLAN ID* – Select a number for the WLAN
- *Type* – Select **WLAN**
- *Profile Name* – When you enter a name, the SSID will auto-populate with the same name. The name must be unique and should not exceed 31 characters.

The following fields were left as default in this example, but explanations are listed in case you would like to configure them differently.

- *SSID* – The profile name also acts as the SSID. You can change this if you would like. The name must be unique and should not exceed 31 characters.
- *Enable* – This should be left enabled for the WLAN to work.
- *Radio Policy* – Typically you would want to leave this as **All** so that 2.4GHz and 5GHz clients can access the network.
- *Broadcast SSID* – Usually you would want the SSID to be discovered so you would want to leave this as Enabled.
- *Local Profiling* – You would only want to enable this option to view the Operating System that is running on the Client or to see the User name.

Click **Apply**.

Add new WLAN/RLAN✕

General WLAN Security VLAN & Firewall Traffic Shaping Scheduling

WLAN ID 1

Type 2

Profile Name *

SSID * 3

WLANs with same SSID can be configured, unless layer-2 security settings are different.

Enable

Radio Policy ?

Broadcast SSID

Local Profiling ?

4✔ Apply✕ Cancel

Step 5

You will be taken to the *WLAN Security* tab. In this example, the following options were selected.

- *Guest Network* – Enable
- *Captive Network Assistant* – If you use Mac or IOS, you will probably want to enable this. This feature detects the presence of a captive portal by sending a web request on connecting to a wireless network. This request is directed to a Uniform Resource Locator (URL) for iPhone models and if a response is received, then the Internet access is assumed available and no further interaction is required. If no response is received, then the Internet access is assumed to be blocked by the captive portal and Apple’s Captive Network Assistant (CNA) auto-launches the pseudo-browser to request portal login in a controlled window. The CNA may break when redirecting to an Identity Services Engine (ISE) captive portal. The primary AP prevents this pseudo-browser from popping up.
- *Captive Portal* – This field is visible only when the Guest Network option is enabled. This is used to specify the type of web portal that can be used for authentication purposes. Select *Internal Splash Page* to use the default Cisco web-portal-based authentication. Choose *External Splash Page* if you will have captive portal authentication, using a web server outside your network. Also, specify the URL of the server in the Site URL field.

Add new WLAN/RLAN

General **WLAN Security** VLAN & Firewall Traffic Shaping Scheduling

Guest Network 1

Captive Network Assistant 2

MAC Filtering

Captive Portal Internal Splash Page 3

Access Type Social Login

ACL Name(IPv4) None ?

ACL Name(IPv6) None ?

In this example, the Guest WLAN with an enabled Social login access type will be created. Once the user connects to this guest WLAN, they will be redirected to Cisco default login page where they can find the login buttons for Google and Facebook. The user can log in using their Google or Facebook account to obtain Internet access.

Step 6

On this same tab, select an *Access Type* from the drop-down menu. In this example, *Social Login* was selected. This is the option that allows guests to use their Google or Facebook credentials to authenticate and get access to the network.

Other options for *Access Type* include:

- *Local User Account* – The default option. Choose this option to authenticate guests using the username and password which you can specify for guest users of this WLAN, under **Wireless Settings > WLAN Users**. This is an example of the default Internal Splash Page.



Cisco Business Wireless Login

Welcome to the Cisco Business Wireless

Cisco is pleased to provide the Wireless LAN infrastructure for your network. Please login and put your unified wireless solution to work.

User Name

Password

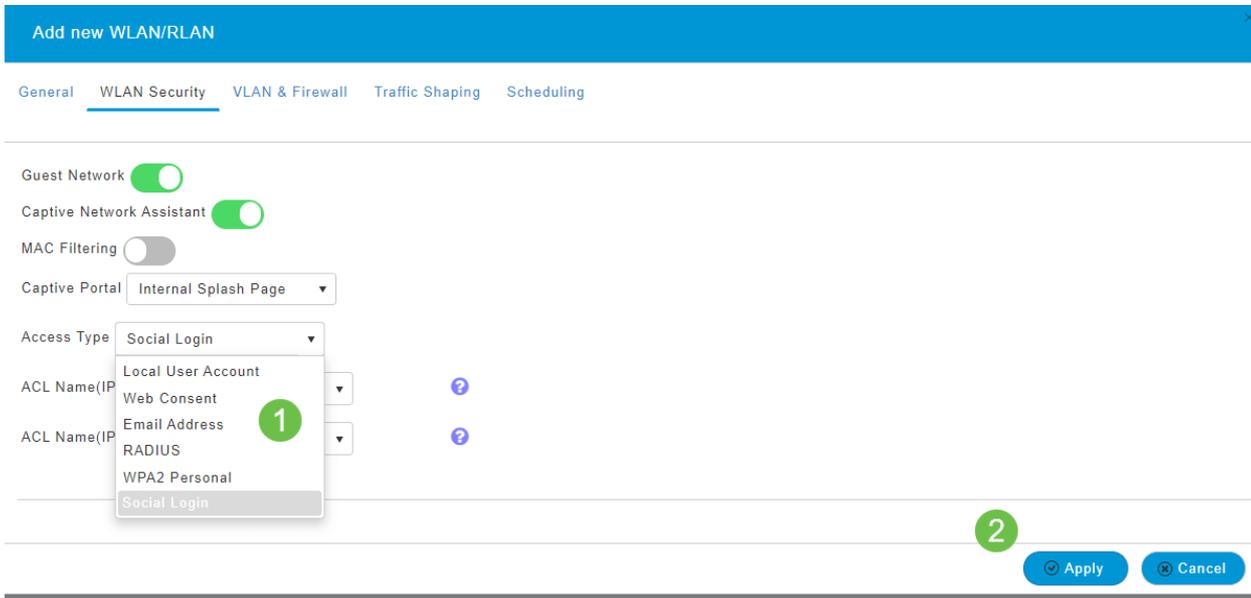
Submit

You can customize this by navigating to **Wireless Settings > Guest WLANs**. From here you can enter a *Page Headline* and *Page Message*. Click **Apply**. Click **Preview**.

- *Web Consent* – Allows guests access to the WLAN upon acceptance of displayed terms and conditions. Guest users can access the WLAN without entering a username and password.

- *Email Address* – Guest users will need to enter their email address to access the network.
- *RADIUS* – Use this with an external authentication server.
- *WPA2 Personal* – Wi-Fi Protected Access 2 with Pre-shared Key (PSK)

Click **Apply**.



Step 7

Be sure to save your configurations by clicking the **Save icon** on the top right panel of the Web UI screen.



Conclusion

That's it! You have now created a guest network that is available on your CBW network. Your guests will appreciate the convenience.

Objective

The objective of this article is to create a guest network via app in a Cisco Business Wireless (CBW) Mesh Network. If you would like to learn the basics of mesh networking, check out [Cisco Business: Welcome to Wireless Mesh Networking](#).

To create a guest network via Web User Interface (UI), click the toggle at the top of the page.

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The Cisco Business Wireless access points can be used as traditional standalone devices or as part of a mesh network.

Are you looking to add a guest network on your CBW network using the Cisco Business Wireless App? Then you are in luck. Let's do this!

Configuration Steps

This toggled section highlights tips for beginners.

Logging In

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Tool Tips

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like the following:



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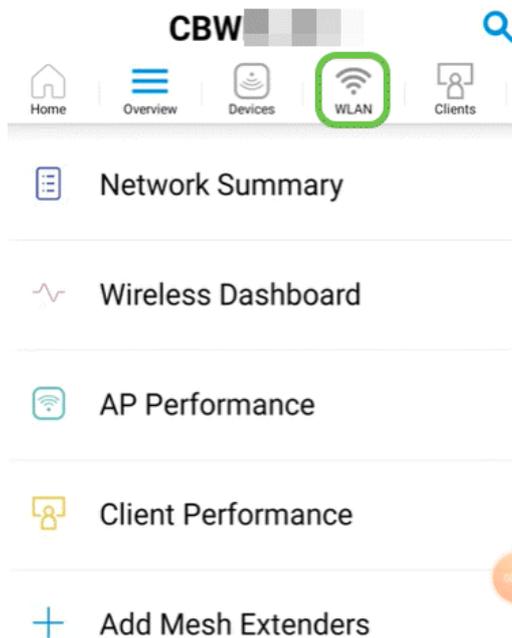
Step 2

Download the Cisco Business Wireless application from Itunes or Google Play.



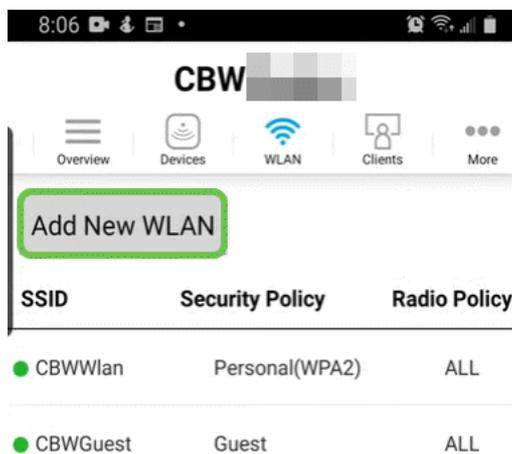
Step 3

Connect to your Cisco Business wireless network on your mobile device. Log into the application. Click on the **WLAN icon** on the top of the page.



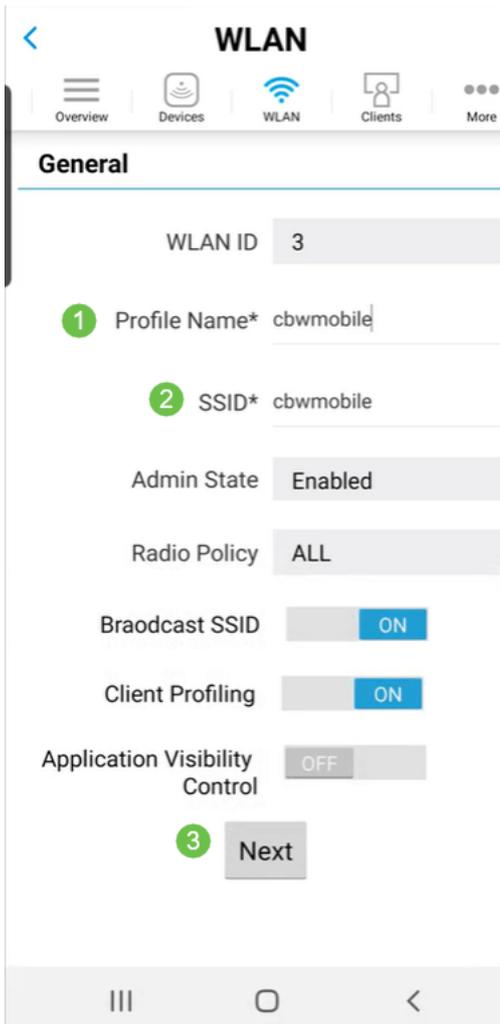
Step 4

The *Add New WLAN* screen opens. You will see any existing WLANs. Select **Add New WLAN**.



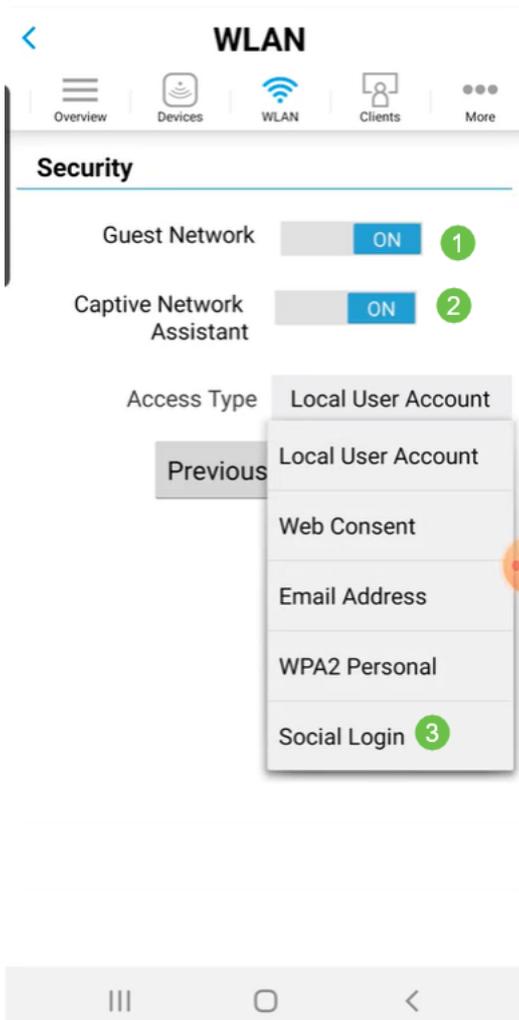
Step 5

Enter a **Profile Name** and **SSID**. Fill in the rest of the fields or leave at the default settings. Click **Next**.



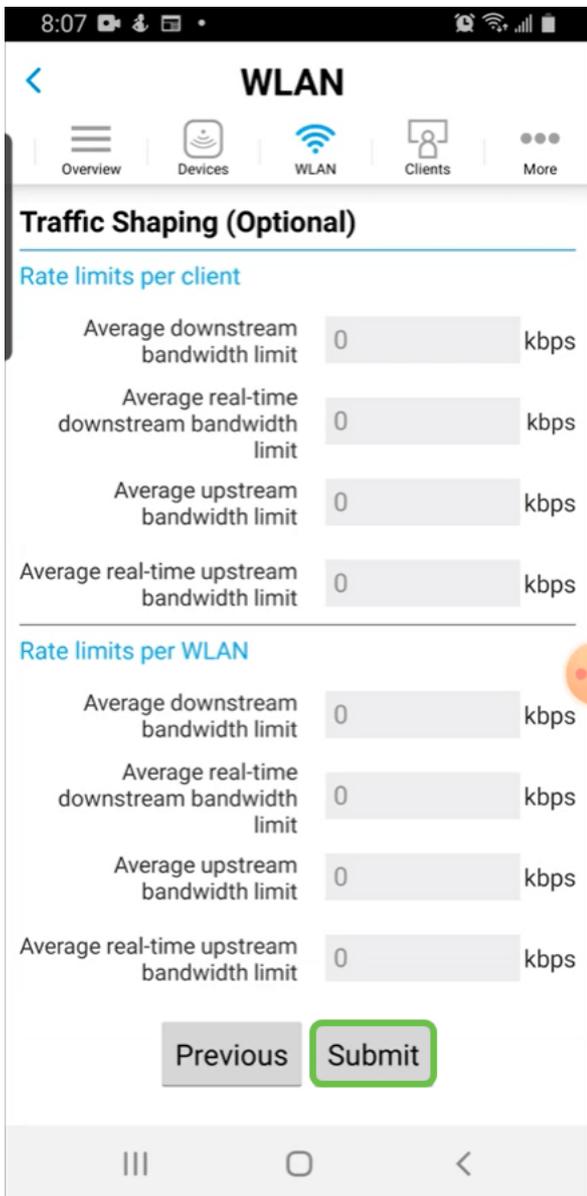
Step 6

Turn on *Guest Network*. In this example, *Captive Network Assistant* is also toggled on, but this is optional. You have options for *Access Type*. In this case, **Social Login** is selected.



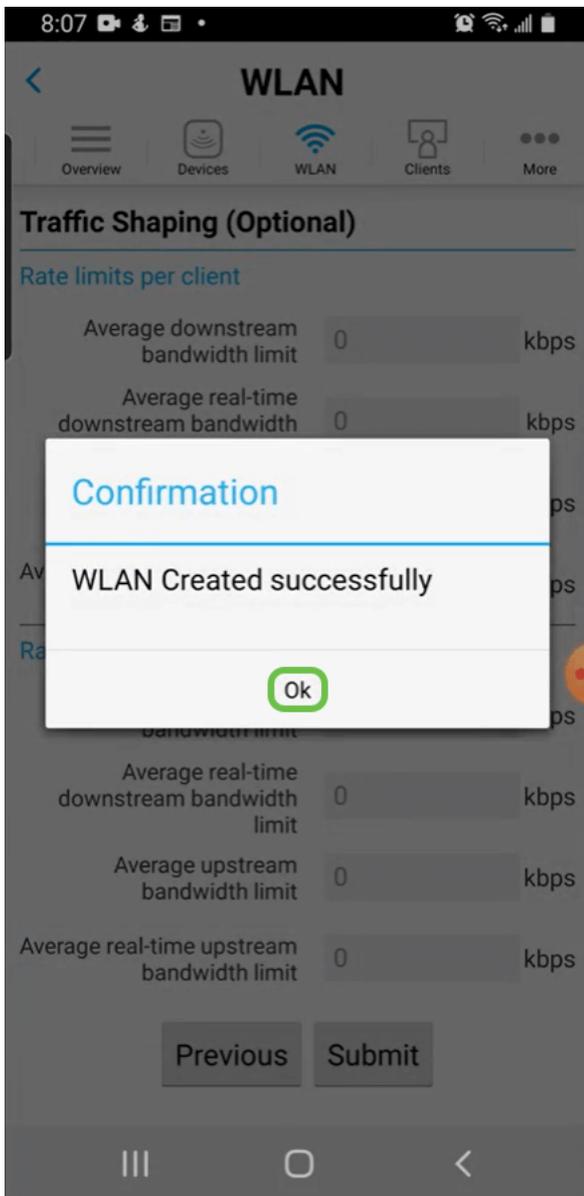
Step 7

This screen gives you the options for *Traffic Shaping (Optional)*. In this example, no traffic shaping has been configured. Click **Submit**.



Step 8

You will see a confirmation pop-up. Click **Ok**.



Step 9

Save your configuration by clicking the **More** tab and then select **Save Configuration** from the drop-down menu.



Conclusion

There you go, it's that simple! Now guests can enjoy the benefits of your Cisco Business wireless network too.

[Intro to Mesh](#) [Mesh FAQ](#) [Cisco Business Wireless Model Decoder](#) [Reboot Tips](#) [Reset to Factory Default](#) [Day Zero: Configure Via App / Web](#) [Mobile App vs Web UI](#) [Best Practices for a Cisco Business Wireless Mesh Network](#) [Allow Lists](#) [Update Software](#) [Get Familiar with the CBW App](#) [Troubleshooting Time Settings](#) [Troubleshoot Red LED](#) [Bridge Group Names](#)