

Configure Management Interface in Cisco Business Wireless Access Point

Objective

The objective of this document is to show you how to configure management interface in Cisco Business Wireless (CBW) Access Point (AP). This includes the steps to upload, download configurations and the ways to reset the access point to factory default settings.

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

Applicable Devices | Firmware Version

- 140AC ([Data Sheet](#)) | 10.4.1.0 ([Download latest](#))
- 141ACM ([Data Sheet](#)) | 10.4.1.0 ([Download latest](#))
- 142ACM ([Data Sheet](#)) | 10.4.1.0 ([Download latest](#))
- 143ACM ([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

If you are looking to configure the management interface in your CBW AP, you have come to the right place! The CBW 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 Configure Management interface allows you to download or upload configurations in your CBW APs. If necessary, you can choose to reset the configurations of the access point to factory default settings.

If you are ready to configure management of your CBW AP, let's get started!

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Download and Upload Primary AP Configuration


Beginner Help

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](#)

Access the Web User Interface (UI)

Log into the Primary AP. If you have any issues, check out the following tips:

- Make sure the correct Service Set Identifier (SSID) is selected. This is the name that you created for the wireless network.
- Disconnect any VPN for either the mobile app or on a laptop. You might even be connected to a VPN that your mobile service provider uses that you might not even know. For example, an Android (Pixel 3) phone with Google Fi as a service provider there is a built-in VPN that auto-connects without notification. This would need to be disabled to find the Primary AP.
- Log into the Primary AP with *https://<IP address of the Primary AP>*.
- Once you do initial setup, be sure *https://* is being used whether you are logging into *ciscobusiness.cisco* or by entering the IP address into your web browser. Depending on your settings, your computer may have auto-populated with *http://* since that is what you used the very first time you logged in.
- To help with problems related to accessing the web UI or browser issues during the use of the AP, in the web browser (Firefox in this case) click on Open menu, go to Help > Troubleshooting Information and click on Refresh Firefox.

Step 1

At any time, you can export the current Primary AP configuration to a .TXT file format.

To download the current configuration, choose **Advanced > Primary AP Tools**.



Management



Advanced 1

↓ SNMP

📄 Logging

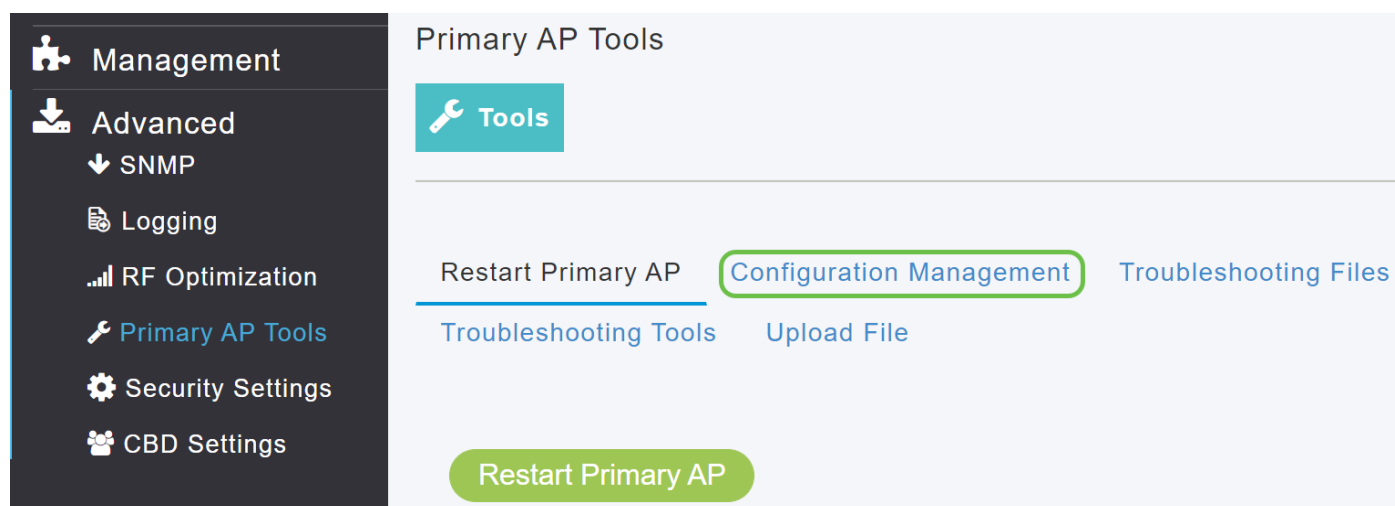
📶 RF Optimization

🔧 Primary AP Tools 2

⚙️ Security Settings

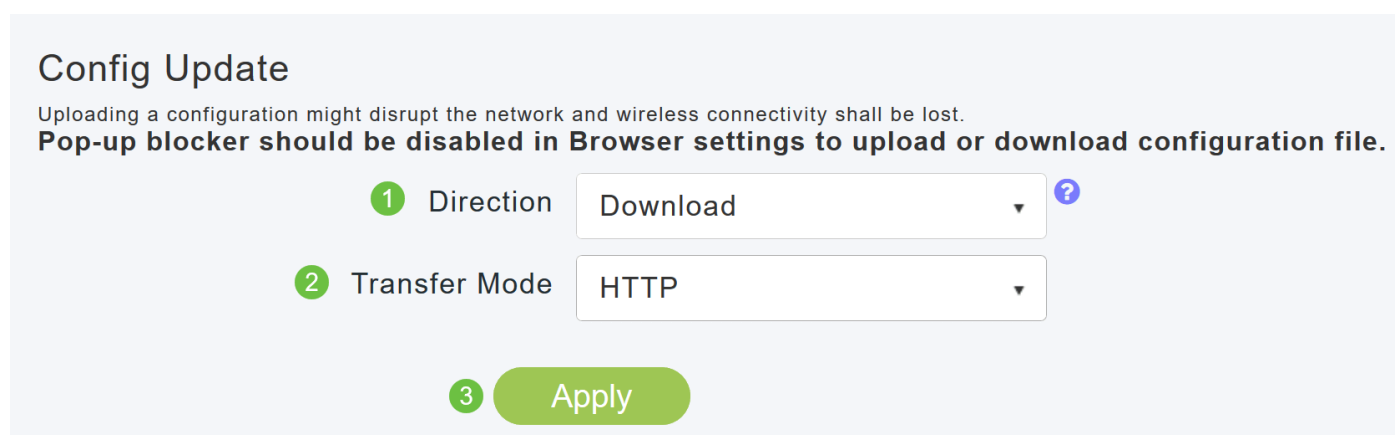
👥 CBD Settings

Navigate to **Configuration Management** tab.

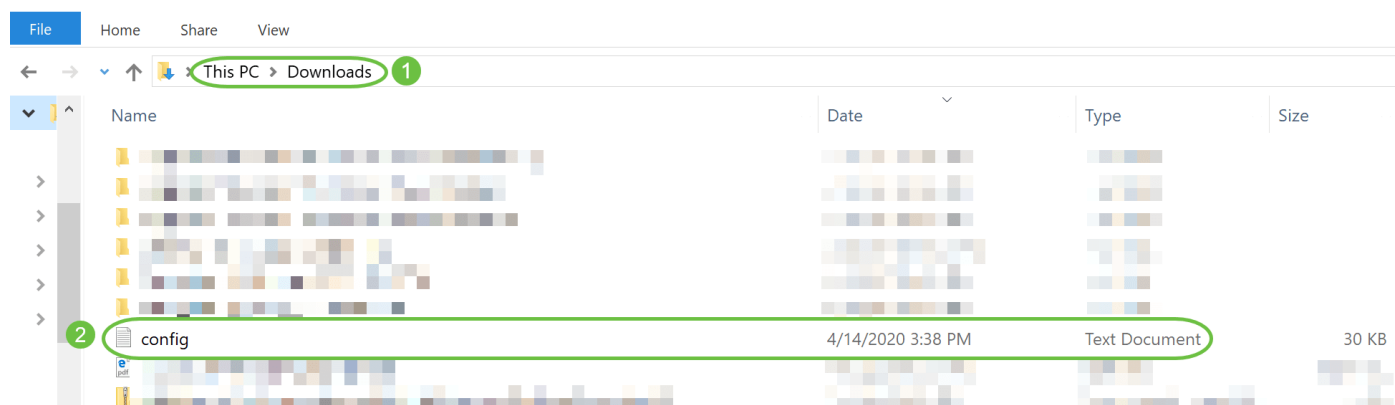


Step 3

To download the configuration, in the *Config Update* section, set the *Direction* as **Download** and *Transfer Mode* as **HTTP**. Click **Apply**.



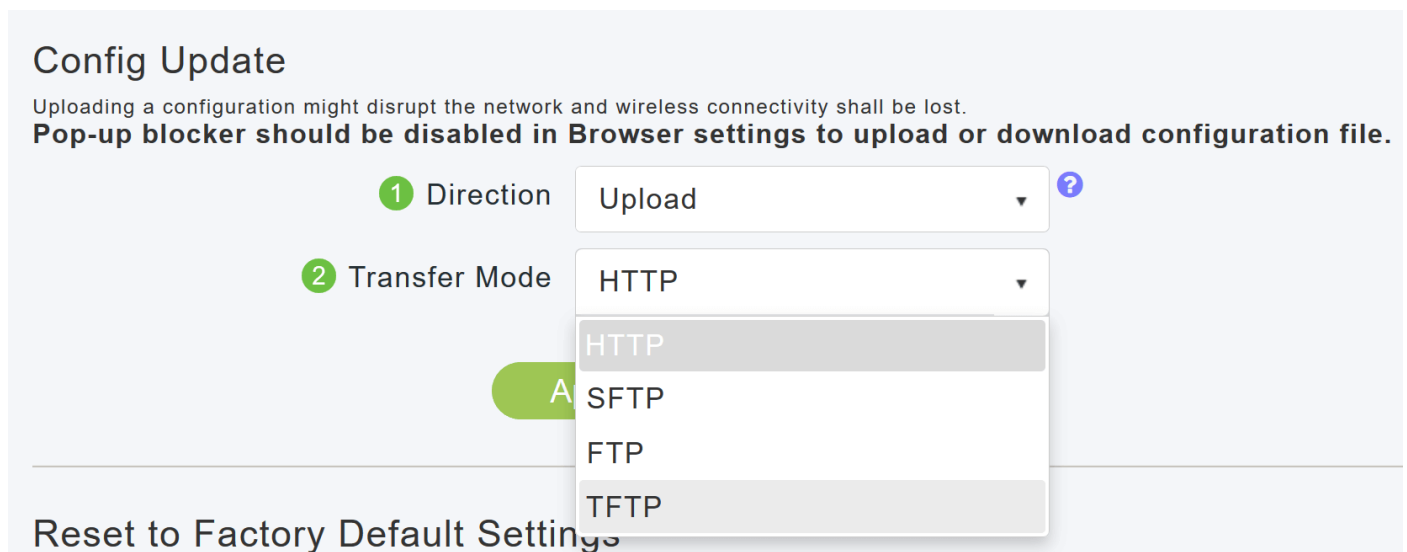
The configuration file is saved on to the device on which the Primary UI is being viewed. By default the file is saved as *config.txt* in your downloads folder.



Step 4

You can import configuration from a previously saved configuration file, which is in .TXT file format.

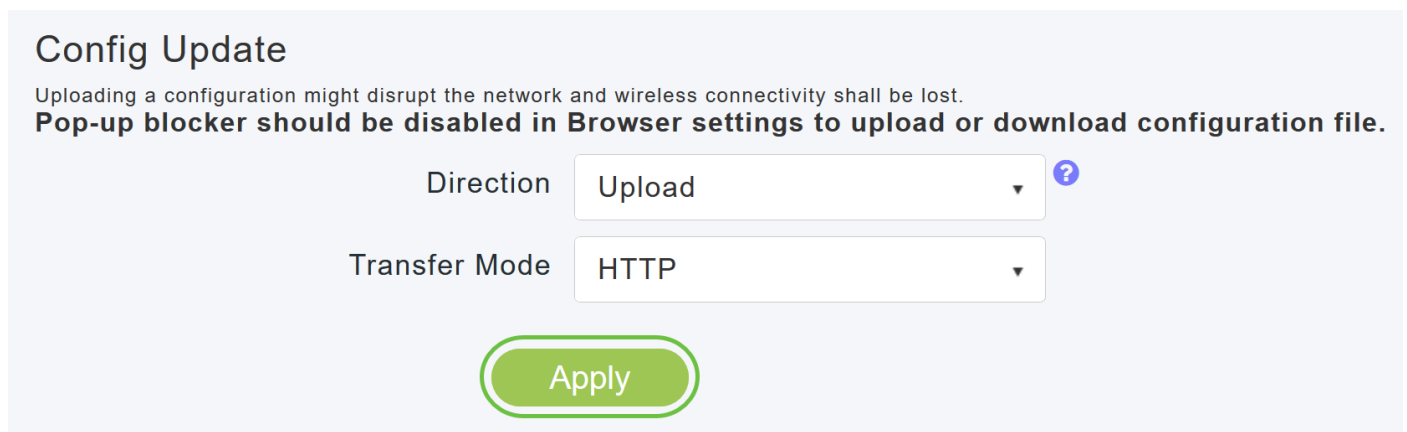
Under *Configuration Managment*, select *Direction* as **Upload**, and select the *Transfer Mode* from the drop-down menu.



The screenshot shows the 'Config Update' section of a web interface. At the top, it says 'Config Update' followed by a warning: 'Uploading a configuration might disrupt the network and wireless connectivity shall be lost. Pop-up blocker should be disabled in Browser settings to upload or download configuration file.' Below this, there are two dropdown menus. The first is labeled '1 Direction' and has 'Upload' selected. The second is labeled '2 Transfer Mode' and has 'HTTP' selected. A green button labeled 'Apply' is partially visible. At the bottom, there is a link that says 'Reset to Factory Default Settings'.

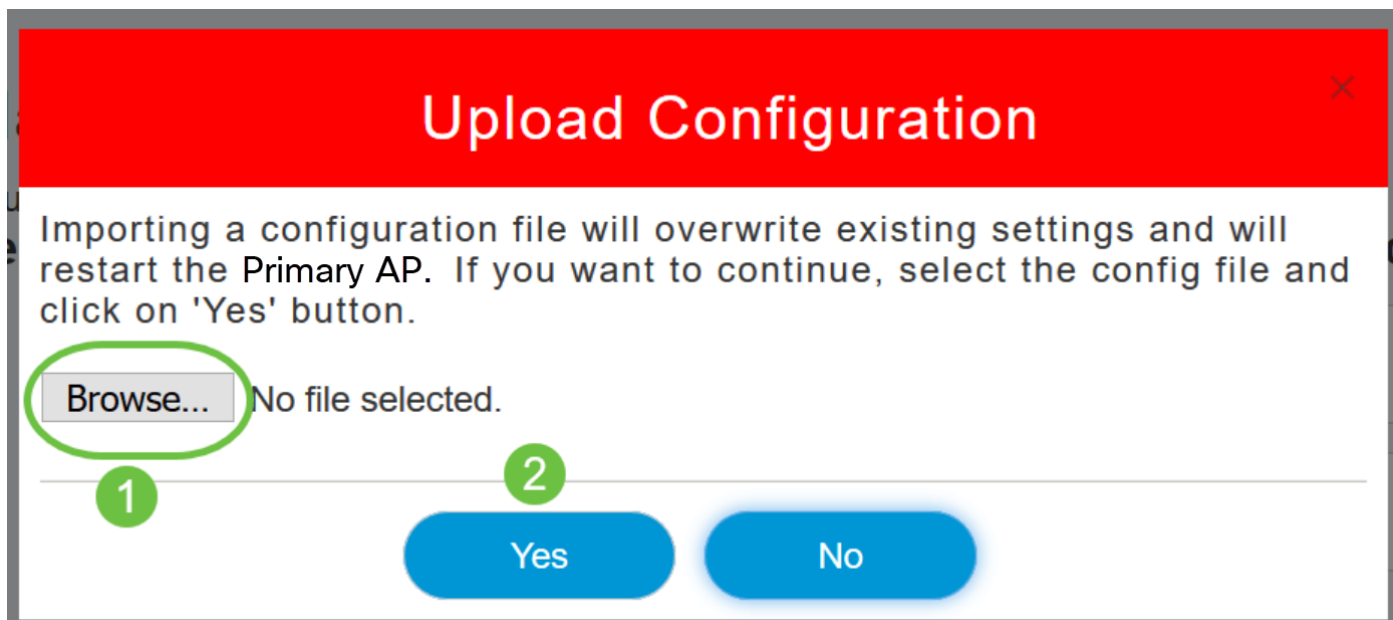
Step 5

Click **Apply**.



This screenshot shows the 'Config Update' section after the previous steps. The 'Direction' dropdown is set to 'Upload' and the 'Transfer Mode' dropdown is set to 'HTTP'. A green button labeled 'Apply' is now fully visible and highlighted with a green border. The warning text at the top remains the same.

You will see the following pop-window. Click **Browse** to choose the configuration file from your PC. Click **Yes** to proceed.



The import causes all Primary AP-capable APs in the network to reboot. When the APs come back online, the Primary AP election process happens and a Primary AP comes online with the new imported Primary AP configuration.

Export and Import Individual AP Configuration

You can export and import the configuration of individual APs in the network through the web UI of the Primary AP.

Step 1

Navigate to **Monitoring > Network Summary > Access Points**.



Monitoring

Network Summary

Access Points

Clients

Step 2

Select the AP.

Access Points

2.4GHz 5GHz

P Primary AP E Mesh Extender

AP Name	Role	Type	Clie...	Usage	Uptime	Adm... Stat...	Ope... Stat...	Channels
Cisco-CBW-1		Primary AP	1	4.8 MB	2 days, 17 h 42 m ...	Enabled	UP	11
Cisco CBW-2		Mesh Exten...	1	4.2 MB	2 days, 17 h 36 m ...	Enabled	UP	11
Cisco-CBW-3		Primary Cap...	1	3.8 MB	2 days, 17 h 10 m ...	Enabled	UP	11

25 items per page 1 - 3 of 3 items

Step 3

Scroll down to the AP details section and select the **Tools** tab.

CBW	DETAILS			
	CLIENTS	RF TROUBLESHOOT	SPECTRUM INTELLIGENCE	TOOLS

Step 4

To export the configuration, click on the **Export Config** button.

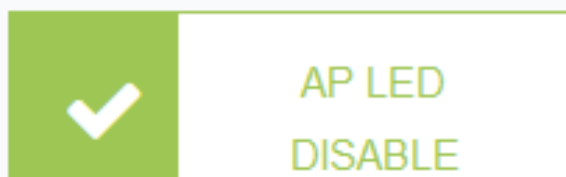
CBW240 DETAILS

CLIENTS

RF TROUBLESHOOT

SPECTRUM INTELLIGENCE

TOOLS



Step 5

A pop-window appears. Choose **Save File** option and click **OK**. The configuration will be saved as a text (.txt) file in your downloads folder.

You have chosen to open:



AP4cbc48c074b8_config.txt

which is: Text Document (735 bytes)

from: https://c:50000

What should Firefox do with this file?

☐ Open with

Notepad (default) ▼

☒ Save File

1

2

OK

Cancel

Step 6

To import the configuration, click on **Import Config** button.

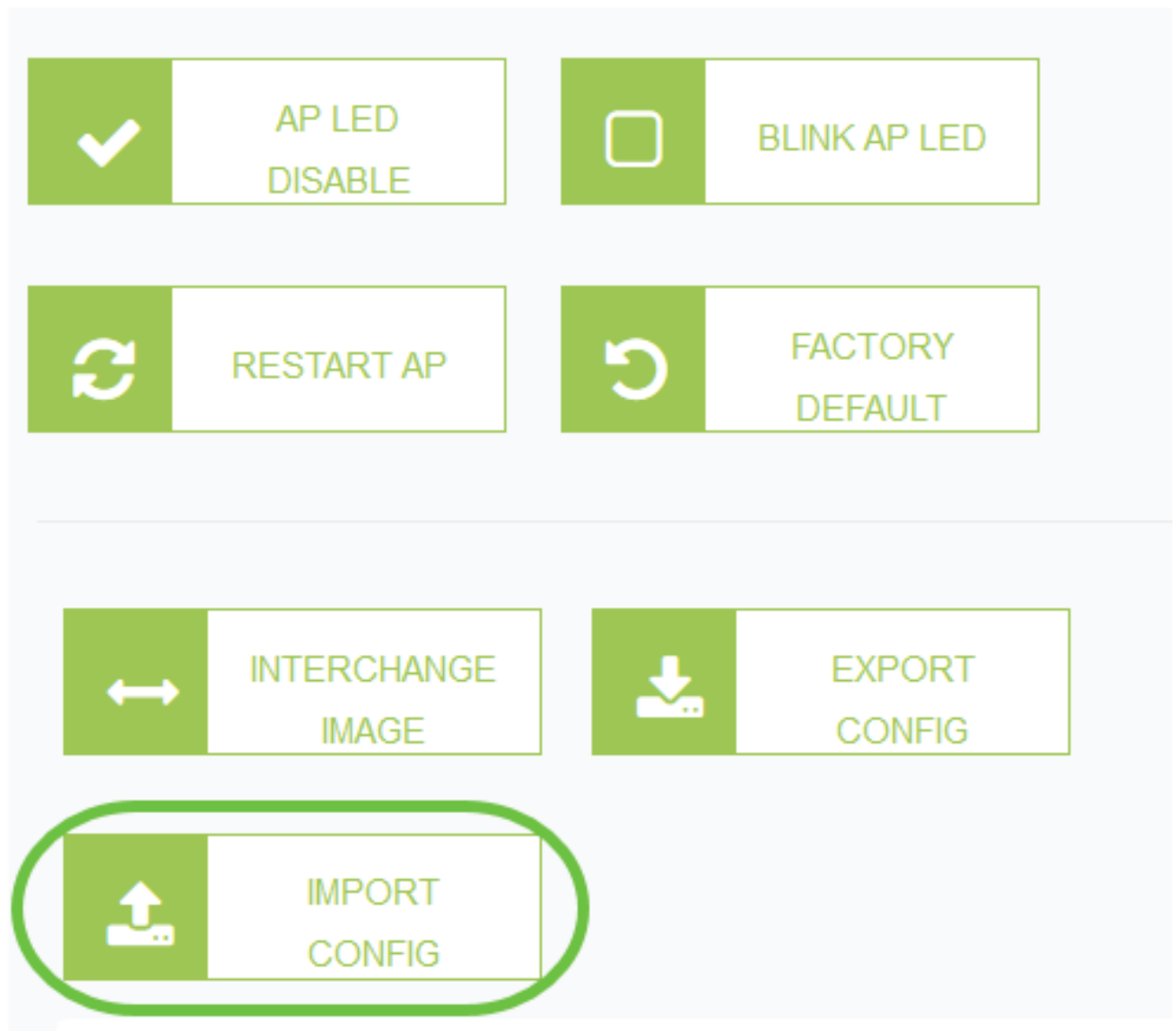
CBW240 DETAILS

CLIENTS

RF TROUBLESHOOT

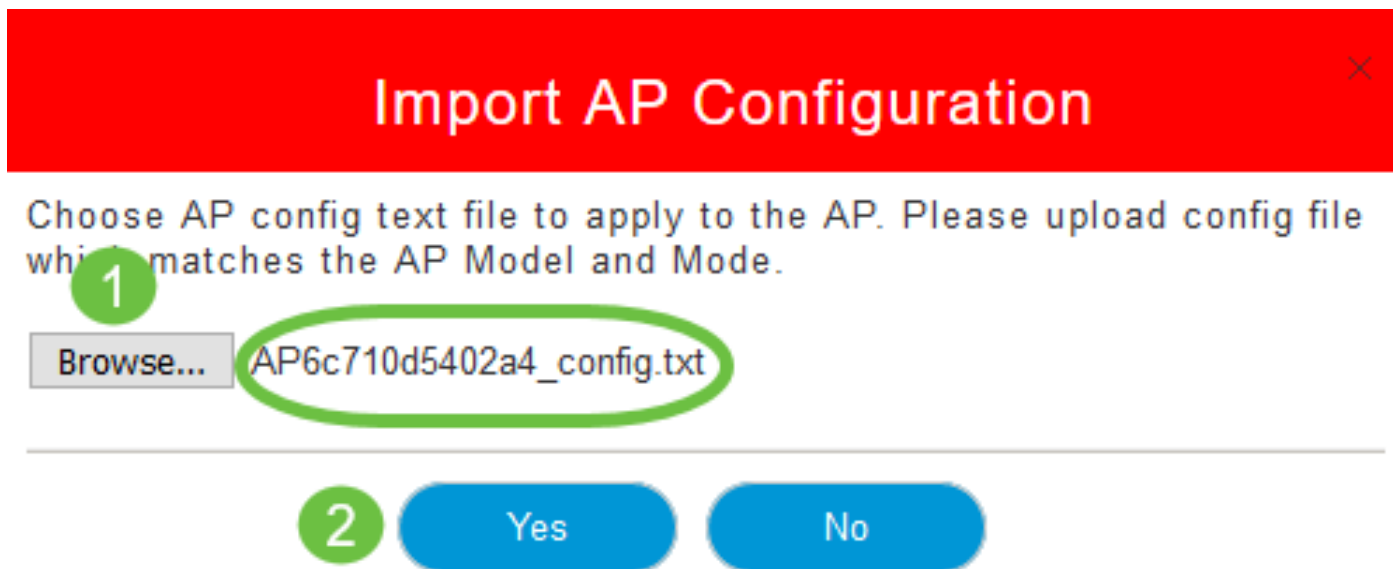
SPECTRUM INTELLIGENCE

TOOLS



Step 7

A pop-up window appears. Click on **Browse...** to choose the configuration file from your computer and click **Yes**.



Reset to Factory Default

Resetting the CBW AP to factory default settings, erases all configurations that have been set by the user, and restores the device to its original settings. A reset is recommended if most of the AP settings need to be reconfigured.

Manual Reset

Step 1

Hold the **Mode** button down. Turn on the Primary AP. Continue for 30 seconds.

Step 2

The LED on the AP will go through several patterns of flashing and then settle down to a flashing green. Once it reaches this state, release the button. For more details on this process, check out [Reset to Factory Default](#).

Reset through the Web UI

The Primary AP, Primary-capable AP and mesh extenders can be reset to factory default using the web UI.

Step 1

To reset the Primary AP to factory default setting simply navigate to **Advanced > Primary AP Tools** and go to **Configuration Management** tab. Click on **Reset to Factory Default**.

Config Update

Uploading a configuration might disrupt the network and wireless connectivity shall be lost.

Pop-up blocker should be disabled in Browser settings to upload or download configuration file.

Direction Upload 

Transfer Mode HTTP

Apply

Reset to Factory Default Settings

Clicking on Reset to Factory Default Settings button below will erase the existing Primary AP configuration and will reboot the Primary AP. After the Primary AP comes back up, all the configuration parameters will reset to their factory default values. To configure Primary AP again, connect to the "CiscoBusiness-Setup" SSID and access the Setup Wizard from a web browser at <http://ciscobusiness.cisco>

Reset to Factory Default

2

This will only reset the Primary AP or the AP holding the Primary role. Some configuration settings like locations, bridge group names, radio settings are stored locally on the APs/mesh extenders. To reset these settings, you must individually reset the AP or mesh extender.

Step 2

To reset the Primary-capable AP or mesh extender, navigate to **Monitoring > Network Summary > Access Points**.



Monitoring

Network Summary

Access Points

Clients

Step 3

Select a Non-Primary AP.

Access Points

2.4GHz 5GHz

P Primary AP E Mesh Extender

AP Name	Role	Type	Clie...	Usage	Uptime	Adm... Stat...	Ope... Stat...	Channels
Cisco-CBW-1		Primary AP	1	4.8 MB	2 days, 17 h 42 m ...	Enabled	UP	11
Cisco CBW-2		Mesh Exten...	1	4.2 MB	2 days, 17 h 36 m ...	Enabled	UP	11
Cisco-CBW-3		Primary Cap...	1	3.8 MB	2 days, 17 h 10 m ...	Enabled	UP	11

25 items per page 1 - 3 of 3 items

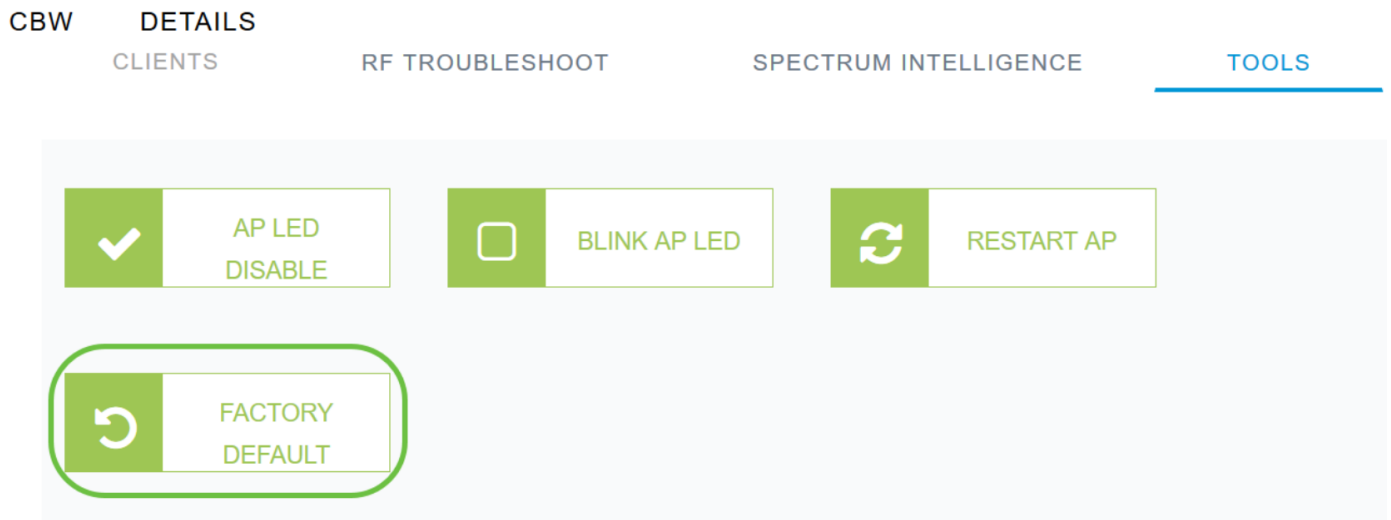
Step 4

Scroll down to the AP details section and select the **Tools** tab.

CBW	DETAILS			
	CLIENTS	RF TROUBLESHOOT	SPECTRUM INTELLIGENCE	TOOLS

Step 5

Click on the **Factory Default** button.



Conclusion

There you have it! You have now learned the steps to configure management of your CBW APs. For more advanced configurations, refer to the *Cisco Business Wireless Access Point Administration Guide*.

If you would like to know more, check out any of the following articles:

[Frequently Asked Questions](#) [Radius](#) [Firmware Upgrade](#) [RLANs](#) [Application Profiling](#) [Client Profiling](#) [Primary AP Tools](#) [Umbrella WLAN Users](#) [Logging](#) [Traffic Shaping](#) [Rogues](#) [Interferers](#) [Port Configuration](#) [Mesh Mode](#) [Welcome to CBW Mesh Networking](#) [Guest Network using Email Authentication and RADIUS Accounting](#) [Troubleshooting Using a Draytek Router with CBW](#)