

Day Zero Configuration of Cisco Business Mobile App

Objective

The objective of this document is to show you how to configure the day zero setup of the Cisco Business Mobile app.

Applicable Software | Version

- Cisco Business Mobile App | 1.0.24 ([link to Apple App Store](#))

Introduction

The Cisco Business Mobile app enables customers to deploy and manage supported Cisco Business devices. The mobile app is intended to help customers set up their switches and wireless networks and to manage their infrastructure from a single point of setup.

The day zero configuration will guide you through the initial configuration of the device using the mobile app.

Some terms to be familiar with regarding the Cisco Business Mobile app:

- Greenfield Network - A new network which is yet to be configured
- Brownfield Network - An existing network which is already configured
- Day 0 - initial configuration
- Day 2 - changing or updating existing configuration

Currently, the Mobile app will only support Greenfield network deployments. Devices with existing configurations will not be discovered or managed.

If you are ready to configure using the Mobile app, let's get you setup!

System Requirements for Cisco Business Mobile app

The Cisco Business Mobile app is supported on Apple iOS-based devices running iOS version 13.0 and above.

The following Cisco Business devices can be managed by the Cisco Business Mobile app:

- Cisco Business 220 Series Smart Switches
- Cisco Business 250 Series Smart Switches
- Cisco Business 350 Series Managed Switches
- Cisco Business 100 Series Access Points
- Cisco Business 100 Series Mesh Extenders
- Cisco Business 200 Series Access Points

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Configuration of Cisco Business Mobile app

Add A Site

The Cisco Business Mobile App is currently supported only on Apple iOS-based devices running iOS version 13.0 and above.

Step 1

Download the Cisco Business Mobile app from the App Store on your Apple device (iPhone or iPad).

The app is optimized for display on an iPhone. If you use an iPad, you will see black bars on the side of the app as the aspect ratio of an iPad is different.

Step 2

Click on the Cisco Business Mobile app.



Step 3

To create a location of your network, click on **+ Add Site**.

All Sites

+ Add Site



Create Your First Site

A site is a physical location you are going to deploy your network in. You can see all your sites here.



All Sites



Help



More

Step 4

Click on **Get Started**.

< All Sites

Add Site



Add Site

Name and physically locate the site that will contain the devices you are about to configure.

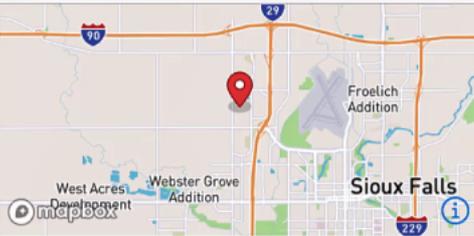
Get Started

Don't show this to me again

Step 5

Configure the name of your site, address, Country, and click **Next**.

[← Add Site](#) **Add Site**



What do you want to name your site? **1**

Lab

Ex: San Jose or Central Station

What is the full address? **2**

N Vincent Ave, Sioux Falls, SD, United States

Ex: 123 Main St, Newark, NJ 02341

Country **3**

United States ▼

4

Next

Step 6

Enter a *Username* and *Password* for the site and click **Next**.

[← Add Site](#) **Add Site**

Site Credentials

Create a username and password for this site.
These credentials will be used to access all devices added to this site

Username

admin **1**

Password

Enter password **2**

Confirm Password

Enter password again **3**

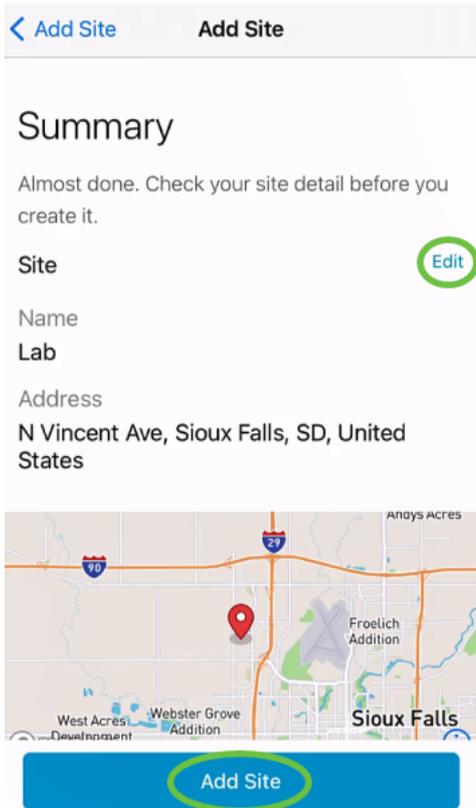
4

Next

The credentials will be used to access the devices at this site.

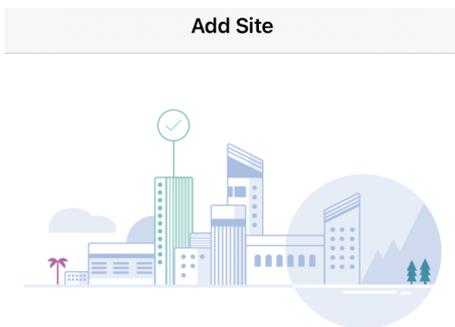
Step 7

You will see the *Summary* screen. To make any changes, click *Edit*. If you are all set, click **Add Site**.



Step 8

Click **Done**.



Done! The site "Lab" has been created

You will be able to use this site to manage your network, all networking hardware and guest devices.

Here's what you should do Next?

[Configure the Network for this Site](#)



Site Configuration

To configure the site, follow the steps:

Step 1

Click on **Get Started**.

[< Add Site](#) Site Configuration



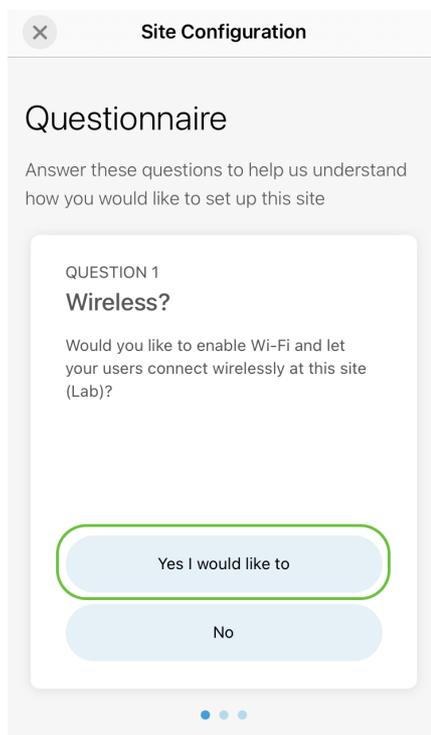
Tell us about your Site

Answer some questions about your preferences on how you would like to configure your site - Segmentation, Wireless preferences, advanced configuration etc.



Step 2

Choose an option to configure the wireless settings in your network. In this example, **Yes I would like to** is selected.



Step 3

If you have multiple networks, you have the option to configure them. In this example, **Just 1 is fine** is selected.

Site Configuration

Questionnaire

Answer these questions to help us understand how you would like to set up this site

Multiple Networks?

Would you like to create multiple Networks at this site (Lab)?

Some business create multiple networks for different departments or based on who is going to using them.

Example 1: Internal, Guest
Example 2: IT, Finance, Business

Create separate Wi-Fi for each network

Yes I would like to

Just 1 is fine

• • •

Step 4

You can either configure the *Advanced Settings* manually or automatically. In this example, **Do it automatically** is selected. Click **Continue**.

Site Configuration

Questionnaire

Answer these questions to help us understand how you would like to set up this site

QUESTION 3 Advanced Settings

Would you like to do the advanced configuration on your own or have us do them for you automatically?

Advanced configuration lets you configure DNS, NTP and DHCP Server settings.

I will do them on my own

1 Do it automatically

2

Continue

Step 5

Enter a *Network Name* and click **Next**.

Networks

Name the network at Lab. You can also add multiple networks if you like

+ Add a network

▼ Lab

Network Name

Lab 1

Network ID

1

2

Next

If you want to add more networks, click + Add a network.

Step 6

Enter a *Password* for your network and click **Next**.

▼ Lab

WiFi Network Name

Lab

Associated Wired Network Name

Lab ▼

Radio Frequency

2.4 GHz 5 GHz

Type

Employee

Authentication

WPA2 Personal ▼

Password 1

Re-enter Password 2

3

Next

Step 7

Click **Next** to proceed.

Wireless

Choose the Management WiFi Network at Lab.

We need to know which WiFi Network you would like us to use to perform maintenance actions and network configuration changes.

Management WiFi
Lab

The Management Wi-Fi is usually the one which is the most secure and is only used by known users within your organization. (Can only be Employee type with network ID 1 and the authentication cannot be Open)

Next

Step 8

Check the details in the *Summary* screen. Click on **Confirm Site Configurations** button to complete the set up.

Summary

Almost done. Check your Site detail before you create it.

Network Segmentation [Edit](#)

NETWORK 1

Network Name Lab

Network ID 1

Wireless [Edit](#)

WIRELESS 1 M

SSID Lab

2.4 GHz enable

5 GHz enable

Guest Network No

Confirm Site Configurations

Step 9

Click **Done**.



Done! The site configurations for "Lab" has been created

You can edit your configurations later if needed from the sites homepage

Here's what you should do Next?

[Add Devices to this Site](#)

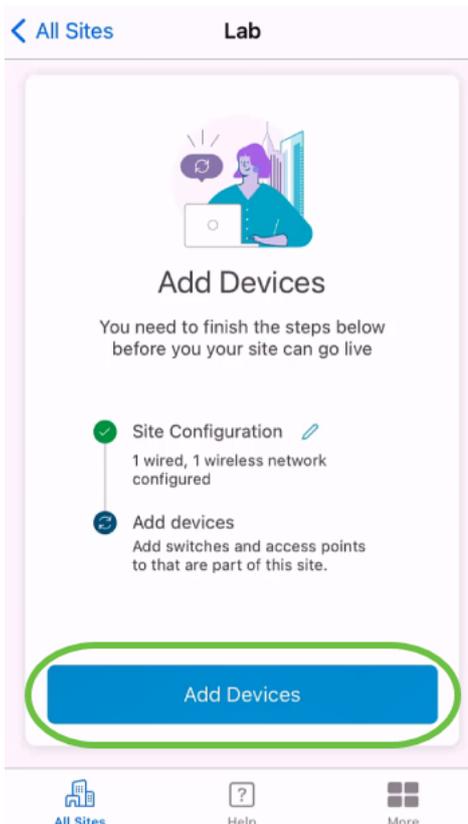
Done

Add Devices

To add devices, follow these steps:

Step 1

Click on **Add Devices**.



Step 2

Click on **Get Started**.



Connect your devices

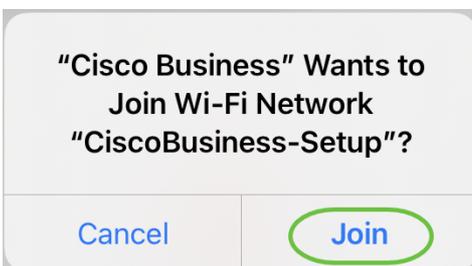
Before we proceed, please make sure that all the devices you want to add to Lab have been plugged in.

Get Started

Don't show this to me again

Step 3

Click **Join** to join the default *CiscoBusiness-Setup* SSID.



Make sure that the wireless access point is fully booted up and is in factory default settings.

Step 4

Click **Done** after the connection is detected.

[Back](#)

Connect Result

Setting Up for the first time?

Before we begin lets get you connected to the setup wireless network.



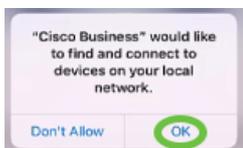
Network Available

The  **CiscoBusiness-Setup** WiFi network was detected and we are ready to connect.

Done

Step 5

Click **OK** to allow Cisco Business network to find and connect to Cisco Business devices.



Step 6

The access point will be detected. In this example, it is a Cisco Business Wireless 145AC access point. Click **Add Cisco Business Wireless 145AC**.

[< Add Devices](#) Add Devices

Found a new device

We automatically discovered a new device via the CiscoBusiness-Setup wireless network.



Cisco Business Wireless 145AC
Type: Access Point

Should we go ahead and add this device to your network?

Add Cisco Business Wireless 145AC

Cancel

Step 7

A Summary of the device and settings will be displayed. Click **Confirm Add Device**.

[< Add Devices](#) Add Devices

Summary

Almost done. Make sure you check the device and the settings to be applied to it.

∨ Devices To Be Added

Model Cisco Business Wireless 145AC

∨ Site Settings to be applied

The following settings will be applied to the device.

[View Site Settings](#) >

Confirm Add Device

Cancel

A screen will appear displaying the progress of adding the device.

Adding Device

Adding Device

About 9 minutes remaining

Cisco Business Wireless 145AC

Type: Access Point



Initializing device...

3%



Adding device. Do not quit or minimize the app till it's done

Step 8

Click **Join** to allow the access point to join the network you created.



Step 9

You will see a screen that the device was successfully deployed. You can choose to *Add more devices* or click *Done*. In this example, **Done** is selected.

✕ Adding Device

Device deployed



Cisco Business Wireless 145AC
Type: Access Point
Serial No: FGL2418L85F

✓ Cisco Business Wireless 145AC has been successfully setup is broadcasting WiFi network.

The access point is now live and added to Lab.
We can now use it to add and discover other devices to your network.

Add more devices

Done

Step 10

Click **Done** to proceed.

Add Devices



Done! Your Device has been Deployed.

AP6C71.0D54.064C has been added to your Lab site.

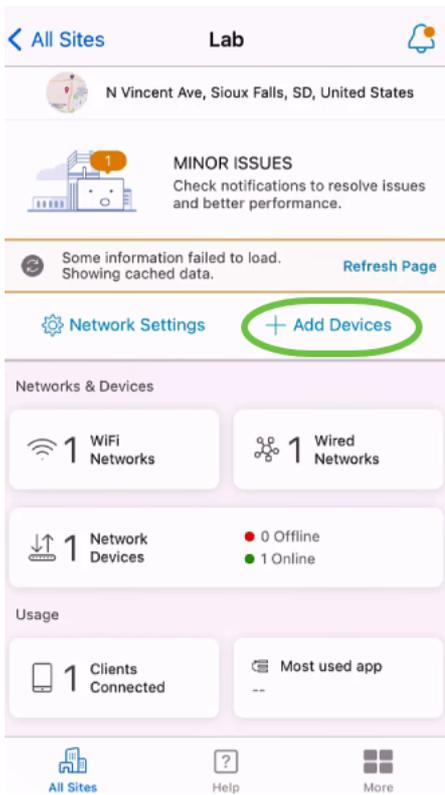
What's Next?

[Add other Devices](#)

Done

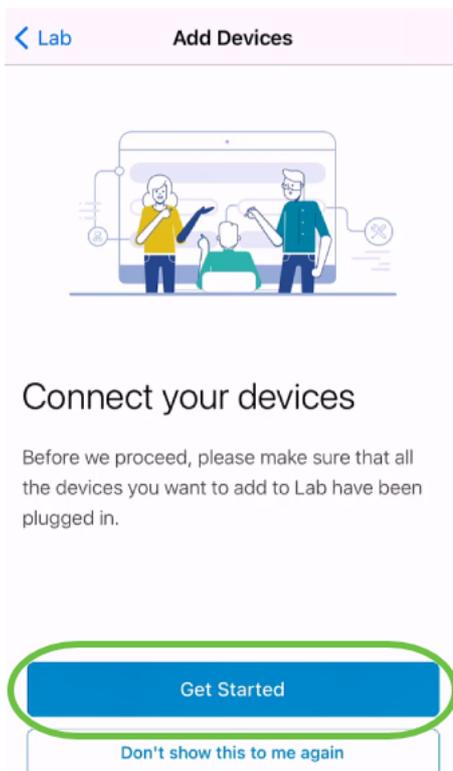
Step 11

You will be navigated to the main page. If you have more devices to be added, click on **+ Add Devices**.



Step 12

Select **Get Started** option.



Step 13

The devices that are detected will be displayed. In this example, three devices were detected. Click **Add 3 devices** button.

[Add Devices](#) Adding Device

 switchbf1705
PID: CBS350-24FP-4X
MAC Address: 6C:41:0E:BF:17:05
Serial No: FOC2432L9DT

 Switch303FBB
PID: CBS220-16P-2G
MAC Address: 14:16:9D:30:3F:BB
Serial No: DNI24290007

 switche42390
PID: CBS250-24PP-4G
MAC Address: A4:B2:39:E4:23:90
Serial No: FOC2430LDQ0

Can't see the device you are looking for?

[Add mesh extenders using a QR code or barcode](#)

Additional access points may take a few minutes to appear

[Add 3 devices](#)

Step 14

A *Summary* of the devices to be added will appear. Click on **Add and Deploy devices**.

[Back](#) Adding Device

Summary

Almost done. The following devices will be added and configured to your site.

∨ Devices To Be Added

switchbf1705	
Switch303FBB	
switche42390	

[Add more devices](#)

∨ Site Settings to be applied

The devices will be added to your site and network config applied.

[View site settings](#)

[Add and Deploy devices](#)

The devices will be configured and added.

Adding Device

Adding Devices

About 20 seconds remaining

	switchbf1705 Serial No. FOC2432L9DT
	Device Added 100%
	Switch303FBB Serial No. DNI24290007
	Enabling Trunk Vlans... 43%
	switche42390 Serial No. FOC2430LDQ0
	Device Added 100%



Adding devices. Do not quit or minimize the app till it's done

Day zero initial configuration will be performed on the devices. Do not close the app during this process.

Step 15

Click **Done**.

Add Devices



Done! Your Devices have been Deployed.

Good news! You've successfully deployed your devices.

What's Next?

[See list of added devices](#)

Done

Conclusion

There you have it! You have now successfully configured the day zero setup of your Cisco Business Mobile app. Now you can manage your network with ease.

Now you know where to go for more information or to give feedback!

Looking for more articles on the Cisco Business Mobile application? Look no further! Click any of the tags below to be brought directly to that topic. Enjoy!

[Overview](#) [Troubleshooting](#) [Device Management](#) [Help Page](#) [Upgrade Firmware](#) [Reboot a Device](#) [Debug Logs](#)