

Procédure d'installation borne Wifi

Configuration de la borne Wifi

Pour commencer la configuration accéder à la borne via l'IP par défaut 192.168.1.245.
Se connecter avec cisco, cisco. Puis, configurer l'adresse IP

Access Point Setup Wizard

Welcome

Configuration

- IP Address**
- Single Point Setup
- Time Settings
- Device Password

Radio 1 (5 GHz)

- Network Name
- Wireless Security
- VLAN ID

Radio 2 (2.4 GHz)

- Network Name

Configure Device - IP Address

Select either Dynamic or Static IP address for your device.

☐ Dynamic IP Address (DHCP) (Recommended)

☒ Static IP Address

Static IP Address: 172 . 16 . 0 . 20

Subnet Mask: 255 . 255 . 255 . 0

Default Gateway: 172 . 16 . 0 . 1

DNS: 172 . 16 . 0 . 10

Secondary DNS (optional):

[? Learn more about the different connection types](#)

Click **Next** to continue

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Ensuite, n'activez pas le single point setup

Access Point Setup Wizard

Welcome

Configuration

- ☒ IP Address
- Single Point Setup**
- Time Settings
- Device Password

Radio 1 (5 GHz)

- Network Name
- Wireless Security
- VLAN ID

Radio 2 (2.4 GHz)

- Network Name

Single Point Setup -- Set A Cluster

A cluster provides a single point of administration and lets you view, deploy, configure, and secure the wireless network as a single entity, rather than separate wireless devices.

☐ Create a New Cluster
Recommended for a new deployment environment.

New Cluster Name:

AP Location:

Cluster Mgmt Address (optional):

☐ Join an Existing Cluster
Recommended for adding new wireless access points to the existing deployment environment.

Existing Cluster Name:

AP Location:

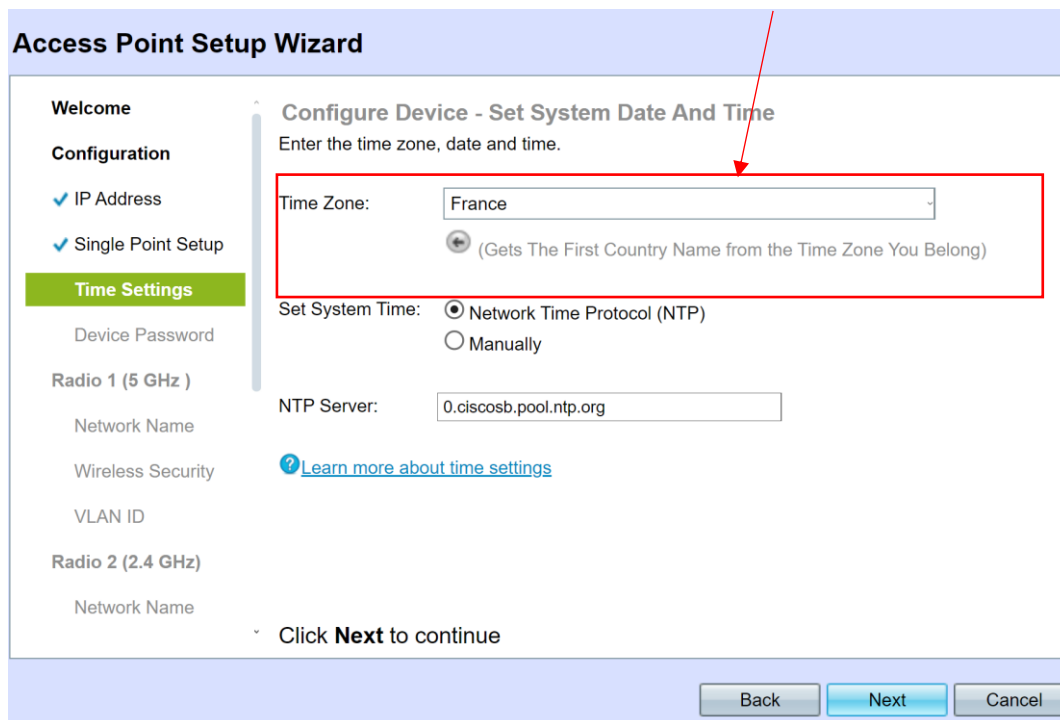
☒ Do not Enable Single Point Setup
Recommended for single device deployments or for configuring each device individually.

[? Learn more about single point setup](#)

Click **Next** to continue

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Choisissez votre fuseau horaire et appuyez sur suivant.



The screenshot shows the 'Access Point Setup Wizard' with the 'Time Settings' tab selected. The 'Configure Device - Set System Date And Time' section is active. A red box highlights the 'Time Zone' dropdown menu, which is set to 'France'. Below it, a note says '(Gets The First Country Name from the Time Zone You Belong)'. The 'Set System Time' section has 'Network Time Protocol (NTP)' selected. The 'NTP Server' field contains '0.ciscosb.pool.ntp.org'. A red arrow points from the text 'appuyez sur suivant' to the 'Next' button.

Access Point Setup Wizard

Welcome

Configuration

- ✓ IP Address
- ✓ Single Point Setup
- Time Settings**

Time Settings

Device Password

Radio 1 (5 GHz)

Network Name

Wireless Security

VLAN ID

Radio 2 (2.4 GHz)

Network Name

Configure Device - Set System Date And Time

Enter the time zone, date and time.

Time Zone:

(Gets The First Country Name from the Time Zone You Belong)

Set System Time: ☒ Network Time Protocol (NTP) ☐ Manually

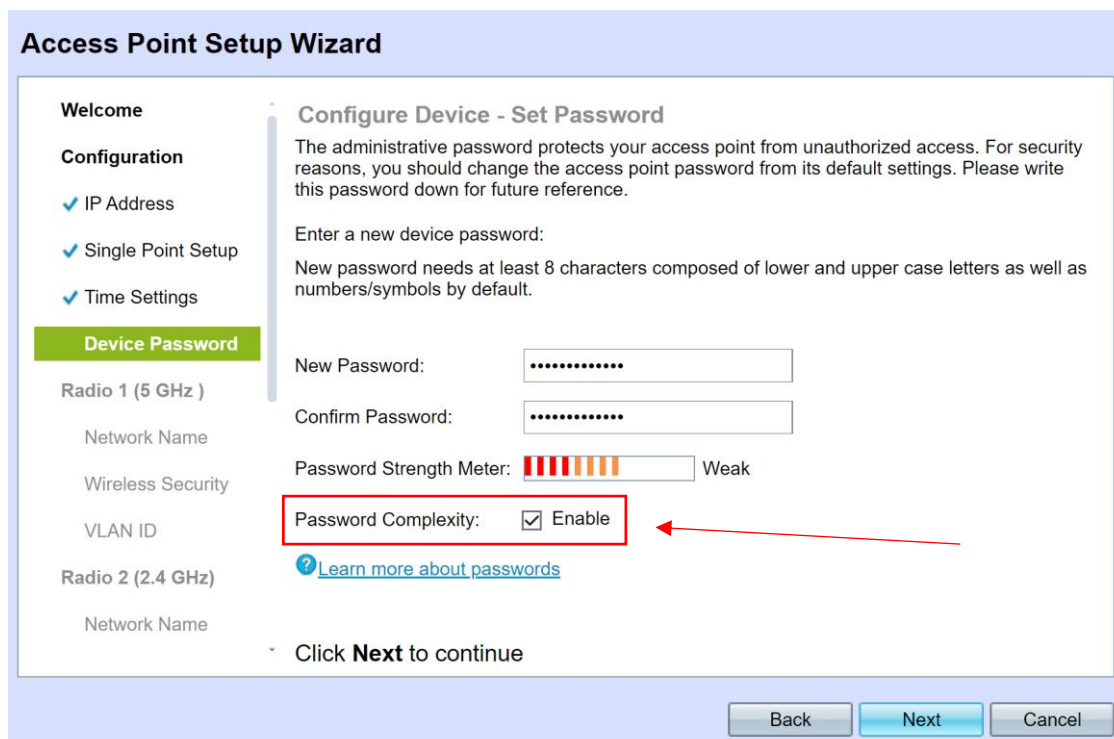
NTP Server:

[? Learn more about time settings](#)

Click **Next** to continue

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Configurer le mot de passe de l'administrateur, si vous voulez un mot de passe complexe activez la case puis appuyez sur suivant.



The screenshot shows the 'Access Point Setup Wizard' with the 'Device Password' tab selected. The 'Configure Device - Set Password' section is active. It explains that the administrative password protects the access point and that it should be changed from default settings. It asks the user to enter a new device password, noting that it needs at least 8 characters. There are fields for 'New Password' and 'Confirm Password', both masked with dots. A 'Password Strength Meter' shows a 'Weak' status. A red box highlights the 'Password Complexity' checkbox, which is checked and labeled 'Enable'. A red arrow points from the text 'appuyez sur suivant' to the 'Next' button.

Access Point Setup Wizard

Welcome

Configuration

- ✓ IP Address
- ✓ Single Point Setup
- ✓ Time Settings
- Device Password**

Device Password

Radio 1 (5 GHz)

Network Name

Wireless Security

VLAN ID

Radio 2 (2.4 GHz)

Network Name

Configure Device - Set Password

The administrative password protects your access point from unauthorized access. For security reasons, you should change the access point password from its default settings. Please write this password down for future reference.

Enter a new device password:

New password needs at least 8 characters composed of lower and upper case letters as well as numbers/symbols by default.

New Password:

Confirm Password:

Password Strength Meter:

Password Complexity: ☒ Enable

[? Learn more about passwords](#)

Click **Next** to continue

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Configurer le SSID Wifi du réseau 5 GHz puis appuyez sur suivant.

Access Point Setup Wizard

Welcome
Configuration

- ✓ IP Address
- ✓ Single Point Setup
- ✓ Time Settings
- ✓ Device Password

Radio 1 (5 GHz)

- Network Name**
- Wireless Security
- VLAN ID

Radio 2 (2.4 GHz)

- Network Name

Configure Radio 1 - Name Your Wireless Network

The name of your wireless network, known as an SSID, identifies your network so that wireless devices can find it.

Enter a name for your wireless network:

Network Name (SSID):

For example: MyNetwork

[Learn more about network names](#)

Click **Next** to continue

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Cancel

Choisissez le meilleur protocole de sécurité avec un mot de passe pour le réseau.

Access Point Setup Wizard

Welcome
Configuration

- ✓ IP Address
- ✓ Single Point Setup
- ✓ Time Settings
- ✓ Device Password

Radio 1 (5 GHz)

- ✓ Network Name
- Wireless Security**
- VLAN ID

Radio 2 (2.4 GHz)

- Network Name

Configure Radio 1 - Secure Your Wireless Network

Select your network security strength.

☒ **Best Security (WPA2 Personal - AES)**
Recommended for new wireless computers and devices that support this option.
Older wireless devices might not support this option.

☐ Better Security (WPA/WPA2 Personal - TKIP/AES)
Recommended for older wireless computers and devices that might not support WPA2.

☐ No Security (Not recommended)

Enter a security key with 8-63 characters.

☒ Show Key as Clear Text

[Learn more about your network security options](#)

Click **Next** to continue

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Cancel

Entrez-le vlan ID pour le réseau 5 GHz ou le laissez par défaut.

Access Point Setup Wizard

Welcome

Configuration

- ✓ IP Address
- ✓ Single Point Setup
- ✓ Time Settings
- ✓ Device Password

Radio 1 (5 GHz)

- ✓ Network Name
- ✓ Wireless Security
- VLAN ID**

Radio 2 (2.4 GHz)

Network Name

Click **Next** to continue

Configure Radio 1 - Assign The VLAN ID For Your Wireless Network

By default, the VLAN ID assigned to the management interface for your access point is 1, which is also the default untagged VLAN ID. If the management VLAN ID is the same as the VLAN ID assigned to your wireless network, then the wireless clients associated with this specific wireless network can administer this device. If needed, an access control list (ACL) can be created to disable administration from wireless clients.

Enter a VLAN ID for your wireless network:

VLAN ID: (Range: 1 - 4094)

[Learn more about vlan ids](#)

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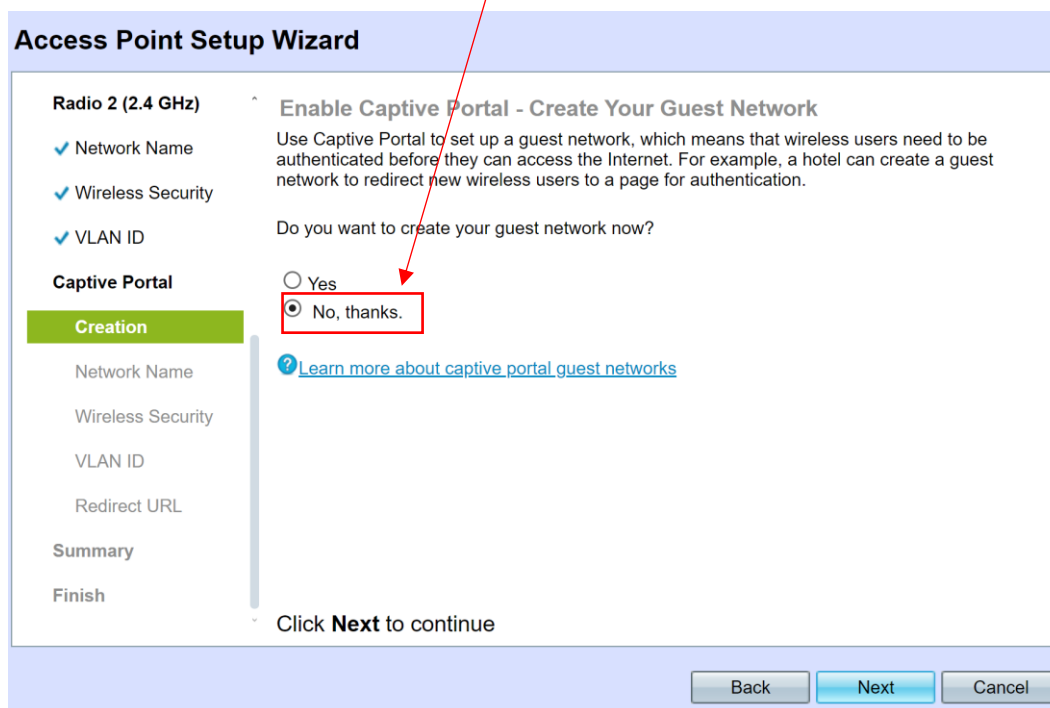
Faire la même manipulation pour le second réseau en 2,4 GHz

Access Point Setup

Radio 2 (2.4 GHz)

- ✓ Network Name
- ✓ Wireless Security
- ✓ VLAN ID

Puis, ne pas activer le Captive Portal et appuyer sur suivant.



The screenshot shows the 'Access Point Setup Wizard' at the 'Enable Captive Portal - Create Your Guest Network' step. On the left sidebar, 'Radio 2 (2.4 GHz)' is expanded, showing 'Network Name', 'Wireless Security', and 'VLAN ID' as completed steps. Under 'Captive Portal', the 'Creation' sub-step is highlighted. The main content area explains the purpose of the Captive Portal and asks 'Do you want to create your guest network now?'. Two radio buttons are present: 'Yes' and 'No, thanks.'. The 'No, thanks.' option is selected and highlighted with a red box. A red arrow points from the instruction text above to this box. Below the radio buttons is a link: '? Learn more about captive portal guest networks'. At the bottom, there are 'Back', 'Next', and 'Cancel' buttons. The 'Next' button is highlighted in blue.

Access Point Setup Wizard

Radio 2 (2.4 GHz)

- ✓ Network Name
- ✓ Wireless Security
- ✓ VLAN ID

Captive Portal

Creation

Network Name

Wireless Security

VLAN ID

Redirect URL

Summary

Finish

Enable Captive Portal - Create Your Guest Network

Use Captive Portal to set up a guest network, which means that wireless users need to be authenticated before they can access the Internet. For example, a hotel can create a guest network to redirect new wireless users to a page for authentication.

Do you want to create your guest network now?

☐ Yes

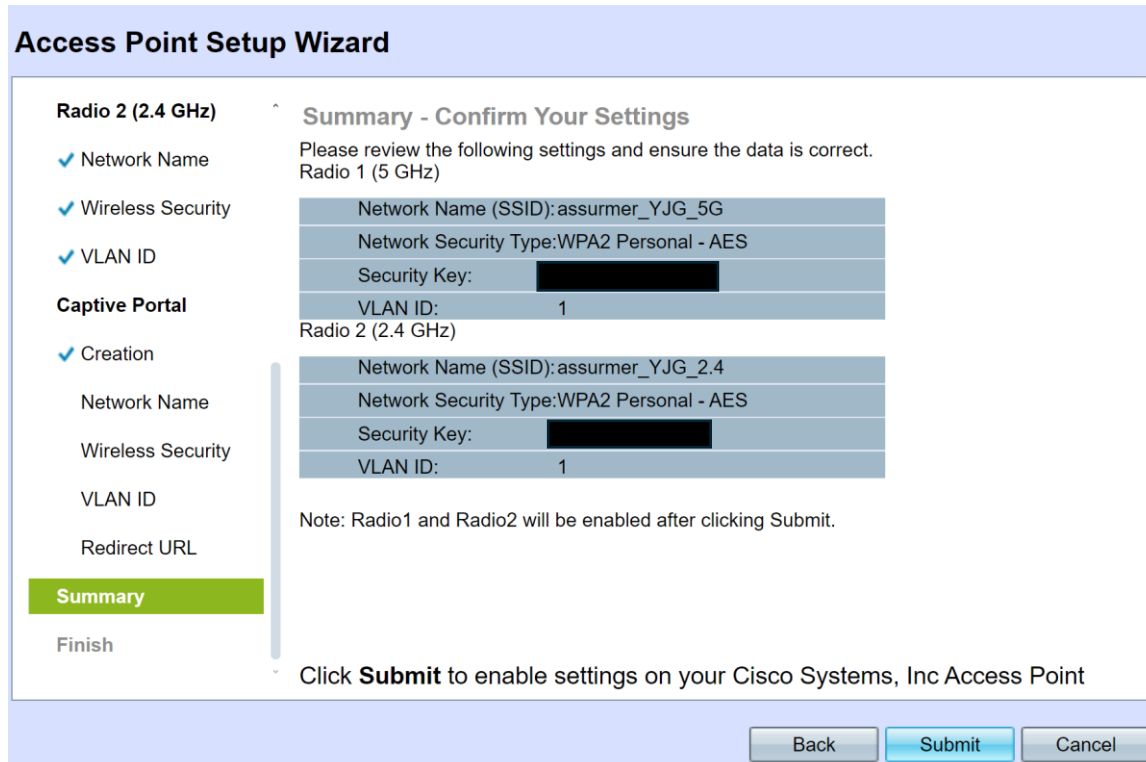
☒ No, thanks.

[? Learn more about captive portal guest networks](#)

Click **Next** to continue

Back Next Cancel

Vérifiez le résumé et cliquez sur « submit » pour appliquer les paramètres.



The screenshot shows the 'Access Point Setup Wizard' at the 'Summary - Confirm Your Settings' step. On the left sidebar, 'Radio 2 (2.4 GHz)' is expanded, showing 'Network Name', 'Wireless Security', and 'VLAN ID' as completed steps. Under 'Captive Portal', the 'Creation' sub-step is highlighted. The main content area displays a summary of the settings for Radio 1 (5 GHz) and Radio 2 (2.4 GHz). The settings are as follows:

Radio	Network Name (SSID)	Network Security Type	Security Key	VLAN ID
Radio 1 (5 GHz)	assurmer_YJG_5G	WPA2 Personal - AES	[Redacted]	1
Radio 2 (2.4 GHz)	assurmer_YJG_2.4	WPA2 Personal - AES	[Redacted]	1

Note: Radio1 and Radio2 will be enabled after clicking Submit.

Click **Submit** to enable settings on your Cisco Systems, Inc Access Point

Back Submit Cancel

Mis en place de Radius

Allez dans le menu Wireless et cliquez sur Networks

Une fois sur cette page. Appuyer sur « Edit », mettre la clé de sécurité en « WPA Enterprise » et appuyer sur « show détails » pour configurer le serveur Radius

Networks

Select the radio interface first, and then enter the configuration parameters.

Radio: ☒ Radio 1 (5 GHz) ☐ Radio 2 (2.4 GHz)

VAP No.	Enable	VLAN ID	SSID Name	SSID Broadcast	Security	MAC Filter	Channel Isolation	Band Steer
0	☒	110	YJG_admin	☒	WPA Enterprise	Disabled	☐	☐
					Show Details			
1	☒	1	ciscob	☒	WPA Personal	Disabled	☐	☐
					Show Details			
2	☒	80	YJG_utilisateurs	☒	WPA Enterprise	Disabled	☐	☐
					Show Details			

Add Edit Delete

Save

Décocher le paramètre Radius global, renseigner l'adresse IP du serveur Radius et activer le paramètre « Enable Radius Accounting »

WPA Versions: ☒ WPA-TKIP ☒ WPA2-AES

☒ Enable pre-authentication

☐ Use global RADIUS server settings

Server IP Address Type: ☒ IPv4 ☐ IPv6

Server IP Address-1: 172.16.0.50 (xxx.xxx.xxx.xxx)

Server IP Address-2: (xxx.xxx.xxx.xxx)

Server IP Address-3: (xxx.xxx.xxx.xxx)

Server IP Address-4: (xxx.xxx.xxx.xxx)

Key-1: (Range: 1-64 Characters)

Key-2: (Range: 1-64 Characters)

Key-3: (Range: 1-64 Characters)

Key-4: (Range: 1-64 Characters)

☒ Enable RADIUS Accounting

Active Server: Server IP Address-1

Broadcast Key Refresh Rate: 86400 Sec (Range: 0-86400, 0 = Disable, Default: 86400)

Session Key Refresh Rate: 0 Sec (Range: 30-86400, 0 = Disable, Default: 0)

Lorsque vous avez terminé, appuyez sur « Save » pour appliquer les changements.

Networks

Select the radio interface first, and then enter the configuration parameters.

Radio: ☒ Radio 1 (5 GHz) ☐ Radio 2 (2.4 GHz)

Virtual Access Points (SSIDs)									
	VAP No.	Enable	VLAN ID	SSID Name	SSID Broadcast	Security	MAC Filter	Channel Isolation	Band Steer
☒	0	☒	110	YJG_admin	☒	WPA Enterprise	Disabled	☐	☐
						Show Details			
☒	1	☒	1	ciscob	☒	WPA Personal	Disabled	☐	☐
						Show Details			
☒	2	☒	80	YJG_utilisateurs	☒	WPA Enterprise	Disabled	☐	☐
						Show Details			