

# 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**
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- 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.

**Access Point Setup Wizard**

**Welcome**

**Configuration**

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

**Radio 1 (5 GHz)**

- Device Password
- 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.

**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 - 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

Click **Next** to continue

#### 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](#)

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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

Click **Next** to continue

#### 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](#)

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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.

**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

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

**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**

**Summary - Confirm Your Settings**

Please review the following settings and ensure the data is correct.

Radio 1 (5 GHz)

Network Name (SSID):	assurmer_YJG_5G
Network Security Type:	WPA2 Personal - AES
Security Key:	[REDACTED]
VLAN ID:	1

Radio 2 (2.4 GHz)

Network Name (SSID):	assurmer_YJG_2.4
Network Security Type:	WPA2 Personal - AES
Security Key:	[REDACTED]
VLAN ID:	1

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

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

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## 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	<input checked="" type="checkbox"/>	110	YJG_admin	<input checked="" type="checkbox"/>	WPA Enterprise	Disabled	<input type="checkbox"/>	<input type="checkbox"/>
1	<input checked="" type="checkbox"/>	1	ciscob	<input checked="" type="checkbox"/>	WPA Personal	Disabled	<input type="checkbox"/>	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>	80	YJG_utilisateurs	<input checked="" type="checkbox"/>	WPA Enterprise	Disabled	<input type="checkbox"/>	<input type="checkbox"/>

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	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	110	YJG_admin	<input checked="" type="checkbox"/>	WPA Enterprise	Disabled	<input type="checkbox"/>	<input type="checkbox"/>	
<a href="#">Show Details</a>									
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	ciscob	<input checked="" type="checkbox"/>	WPA Personal	Disabled	<input type="checkbox"/>	<input type="checkbox"/>	
<a href="#">Show Details</a>									
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	80	YJG_utilisateurs	<input checked="" type="checkbox"/>	WPA Enterprise	Disabled	<input type="checkbox"/>	<input type="checkbox"/>	
<a href="#">Show Details</a>									