

## 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: . . . . .

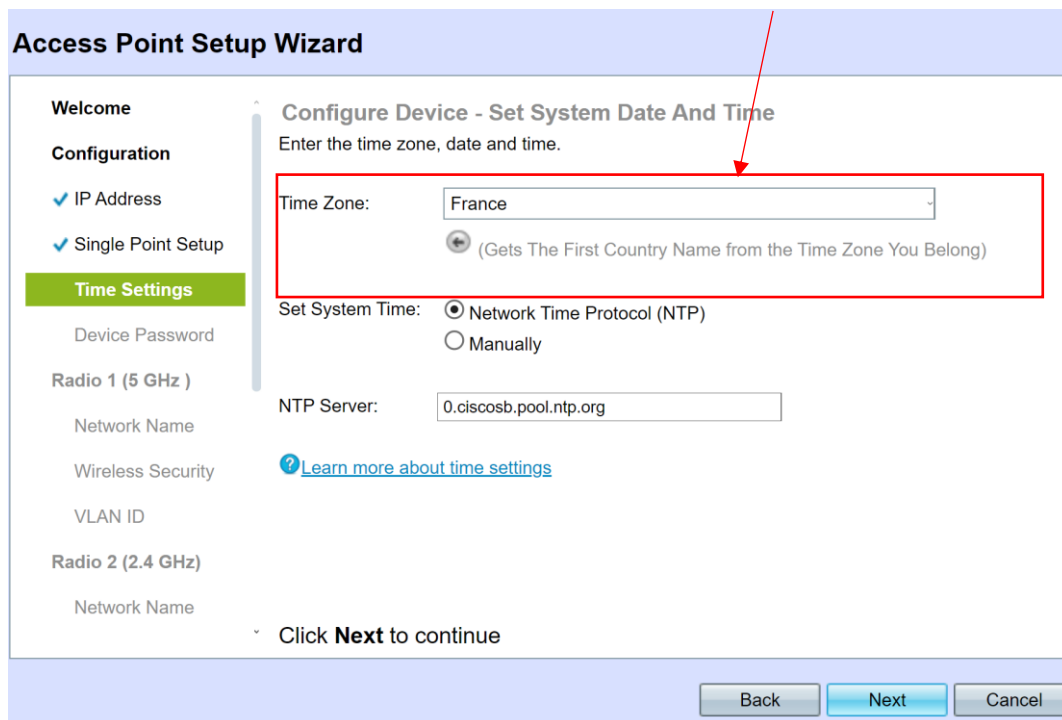
☒ Do not Enable Single Point Setup  
Recommended for single device deployments or for configuring each device individually.

[? 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 'Configure Device - Set System Date And Time' step selected. 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 two radio buttons: 'Network Time Protocol (NTP)' (selected) and 'Manually'. The 'NTP Server' field is set to '0.ciscosb.pool.ntp.org'. A link '? Learn more about time settings' is present. The left sidebar shows 'Time Settings' as the active section. At the bottom, there are 'Back', 'Next', and 'Cancel' buttons.

**Access Point Setup Wizard**

**Welcome**

**Configuration**

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

**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

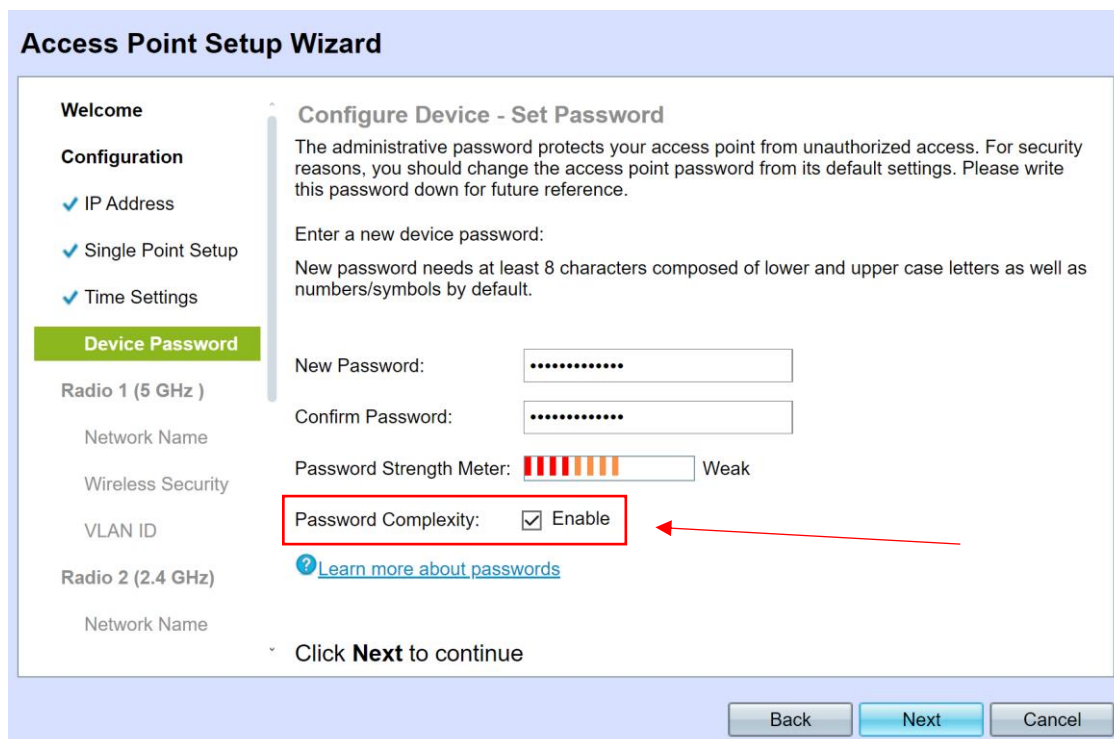
NTP Server:

? [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 'Configure Device - Set Password' step selected. A red box highlights the 'Password Complexity' checkbox, which is checked and labeled 'Enable'. A red arrow points to this checkbox. The 'New Password' and 'Confirm Password' fields are empty. The 'Password Strength Meter' shows a weak password. A link '? Learn more about passwords' is present. The left sidebar shows 'Device Password' as the active section. At the bottom, there are 'Back', 'Next', and 'Cancel' buttons.

**Access Point Setup Wizard**

**Welcome**

**Configuration**

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

**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

Back

Next

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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Next

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**

**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](#)

Click **Next** to continue

Back Next Cancel

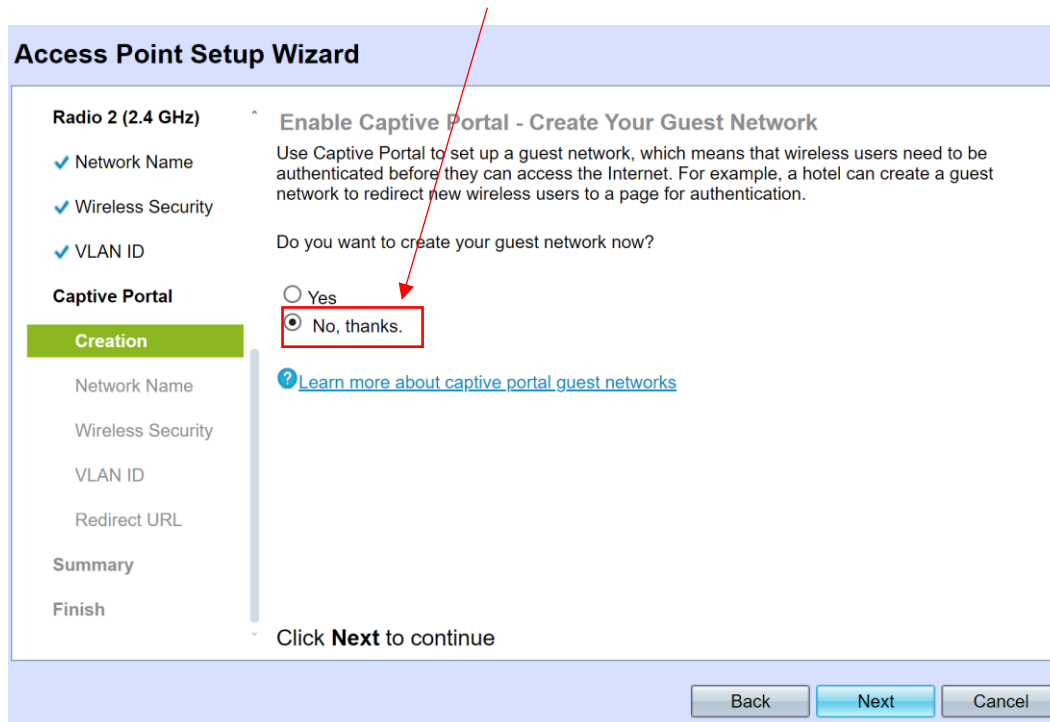
Faire la même manipulation pour le second réseau en 2,4 GHz

## 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, a sidebar lists configuration sections: Radio 2 (2.4 GHz), Network Name, Wireless Security, VLAN ID, Captive Portal (with 'Creation' highlighted), Summary, and Finish. The main content area explains the Captive Portal feature and asks 'Do you want to create your guest network now?'. Two radio buttons are present: 'Yes' and 'No, thanks.'. A red box highlights the 'No, thanks.' option, and a red arrow points to it from the text above. A link for more information is provided. At the bottom, there are 'Back', 'Next', and 'Cancel' buttons.

**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

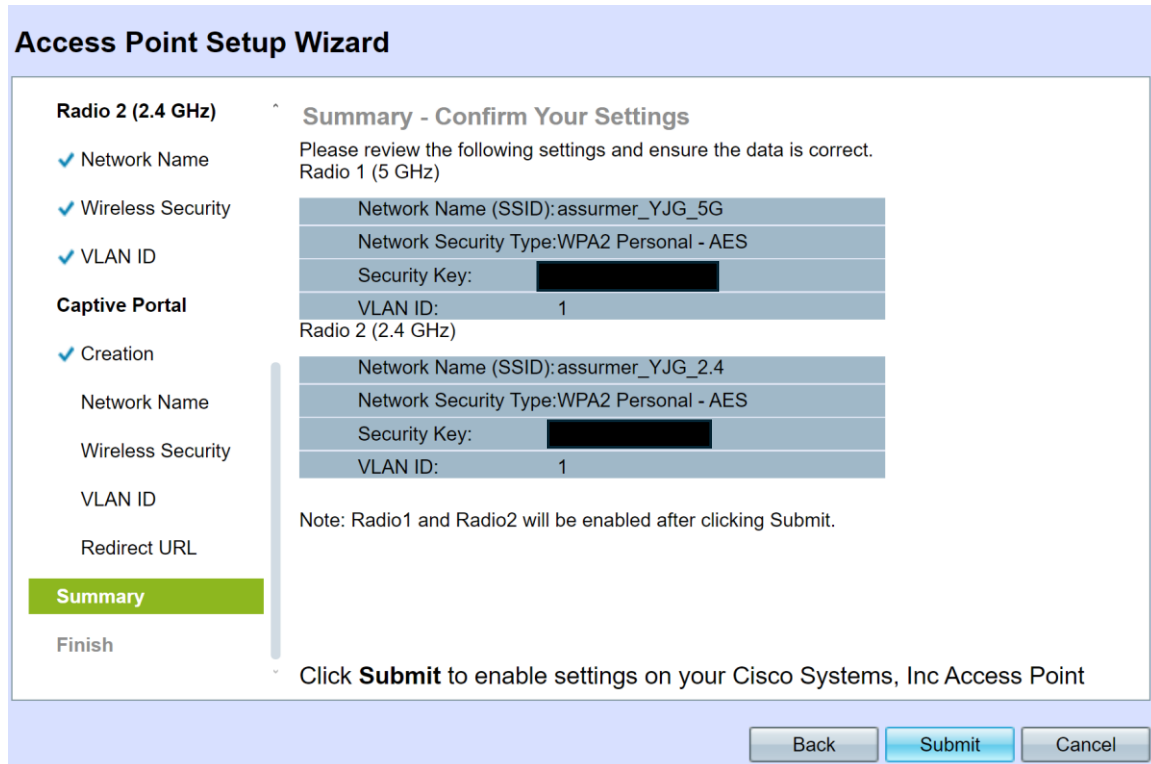
☒ No, thanks.

[? 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.



The screenshot shows the 'Access Point Setup Wizard' at the 'Summary - Confirm Your Settings' step. The sidebar on the left now highlights 'Summary' under the 'Captive Portal' section. The main content area displays a summary of settings for Radio 1 (5 GHz) and Radio 2 (2.4 GHz), including SSID, security type, and security key. A note states that both radios will be enabled after clicking 'Submit'. At the bottom, there are 'Back', 'Submit', and 'Cancel' buttons.

**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

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

The screenshot shows the 'Networks' configuration page. At the top, there's a section for selecting the radio interface (Radio 1 (5 GHz) or Radio 2 (2.4 GHz)). Below that is a table for 'Virtual Access Points (SSIDs)'. The table has columns: VAP No., Enable, VLAN ID, SSID Name, SSID Broadcast, Security, MAC Filter, Channel Isolation, and Band Steer. There are three rows of SSIDs. The first row (VAP No. 0) has SSID Name 'YJG\_admin' and Security 'WPA Enterprise'. The second row (VAP No. 1) has SSID Name 'ciscob' and Security 'WPA Personal'. The third row (VAP No. 2) has SSID Name 'YJG\_utilisateurs' and Security 'WPA Enterprise'. Below the table are buttons for 'Add', 'Edit', and 'Delete'. The 'Edit' button is highlighted with a red box. A red arrow points from the 'Edit' button to the 'WPA Enterprise' security option in the first row. Another red arrow points from the 'WPA Enterprise' option to a 'Show Details' link in the same row. A third red arrow points from the 'Show Details' link to the 'Show Details' link in the third row. A fourth red arrow points from the 'Show Details' link in the third row to the 'Edit' button.

| 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"/> |

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

The screenshot shows the Radius configuration page. At the top, there's a section for WPA Versions (WPA-TKIP, WPA2-AES) and a checkbox for 'Enable pre-authentication'. Below that is a checkbox for 'Use global RADIUS server settings', which is highlighted with a red box. Below this is a section for 'Server IP Address Type' (IPv4 or IPv6). Under 'Server IP Address-1', the IP address '172.16.0.50' is entered and highlighted with a red box. Below this are fields for 'Server IP Address-2', 'Server IP Address-3', and 'Server IP Address-4'. Below these are fields for 'Key-1', 'Key-2', 'Key-3', and 'Key-4'. Below the keys is a checkbox for 'Enable RADIUS Accounting', which is highlighted with a red box. Below this is a dropdown for 'Active Server' set to 'Server IP Address-1'. Below that are fields for 'Broadcast Key Refresh Rate' (86400) and 'Session Key Refresh Rate' (0). Red arrows point from the 'Enable pre-authentication' checkbox to the 'Enable RADIUS Accounting' checkbox, and from the 'Enable RADIUS Accounting' checkbox to the 'Broadcast Key Refresh Rate' field.

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"/> | 0       | <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"/> | 1       | <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"/> | 2       | <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> |