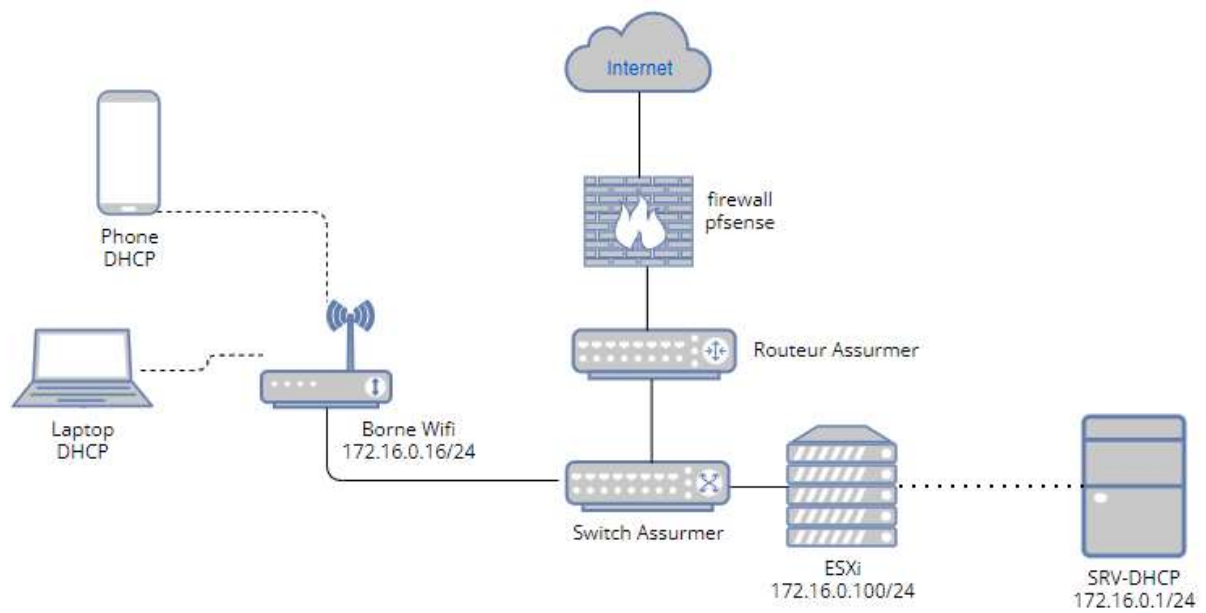




III/Procédure d'installation et de configuration des cellules wifi

Topologie





Configuration de la borne

Premièrement, il faut se rendre sur la borne sur l'IP "192.168.1.245", les logins sont Username:"cisco" Password:"cisco".



On arrive sur le setup.





On configure la borne selon notre réseau.

Access Point Setup Wizard

Welcome
Configuration
IP Address
Single Point Setup
Time Settings
Device Password
Radio 1 (5 GHz)
Network Name
Wireless Security

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 . 16
Subnet Mask: 255 . 255 . 255 . 0
Default Gateway: 172 . 16 . 0 . 253
DNS: 172 . 16 . 0 . 1
Secondary DNS (optional):

On met le Time Zone en France.

Access Point Setup Wizard

Welcome
Configuration
✓ IP Address
✓ Single Point Setup
Time Settings
Device Password
Radio 1 (5 GHz)
Network Name

Configure Device - Set System Date And Time
Enter the time zone, date and time.
Time Zone: France
(Gets The First Country Name from the Time Zone You Belong)
Set System Time: ☒ Network Time Protocol (NTP)
☐ Manually
NTP Server: 0.cisco.pool.ntp.org

On change le mot de passe par défaut.

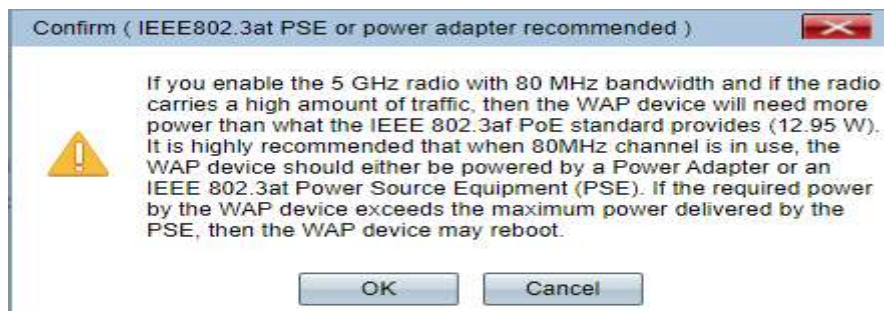
Access Point Setup Wizard

Welcome
Configuration
✓ IP Address
✓ Single Point Setup
✓ Time Settings
Device Password
Radio 1 (5 GHz)
Network Name
Wireless Security
VLAN ID

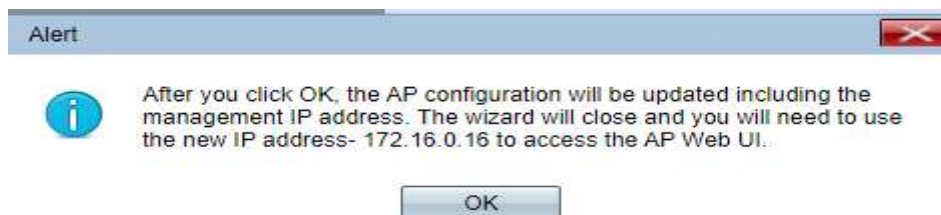
Configure Device - Set Password
The administrative password protects your access point from unauthorized access. For security reasons, you should change the access point password from its default settings. Please write this password down for future reference.
Enter a new device password:
New password 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: Weak
Password Complexity: ☐ Enable



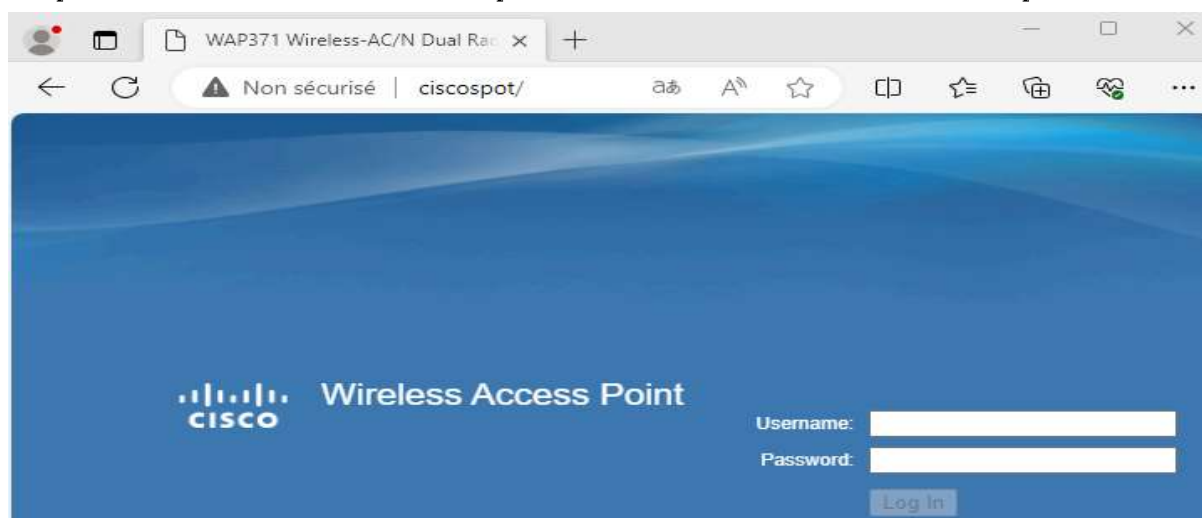
On confirme l'activation des antennes.



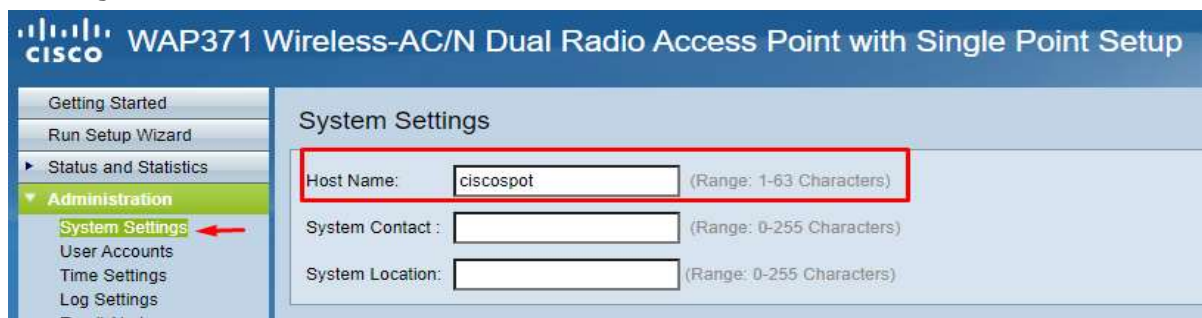
Une fois la configuration terminée, nous avons une alerte pour nous prévenir du changement de l'ip pour accéder à l'interface.



J'ai personnellement fait un DNS pour accéder au WEB UI via "ciscopspot"



Sur l'interface nous allons changer le hostname via Administration > System Settings.





Dans Administration > HTTP/HTTPS Service, nous allons désactiver le http et rediriger sur le https.

HTTP/HTTPS Service

Global Settings

Maximum Sessions: (Range: 1-10, Default: 5)

Session Timeout: Minute (Range: 1-60, Default: 10)

HTTP Service

HTTP Server: ☐ Enable

HTTP Port: (Range: 1025-65535, Default: 80)

Redirect HTTP to HTTPS: ☒

HTTPS Service

HTTPS Server: ☒ Enable

HTTPS Port: (Range: 1025-65535, Default: 443)



Configuration des cellules wifi

De base dans le setup de la borne deux SSID sont créé un 2,4GHz et un 5Ghz. Dans Wireless > Networks, Je les modifie avec le VLAN 80(vlan wifi), le ssid name , la version WPA2-AES avec un mot de passe fort(minimum 16 caractères)

Getting Started
Run Setup Wizard
Status and Statistics
Administration
LAN
Wireless
Radio
Rogue AP Detection
Networks
Wireless Multicast Forwarding
Scheduler
Scheduler Association
Bandwidth Utilization
MAC Filtering
WDS Bridge
WorkGroup Bridge
QoS
System Security
Client QoS
SNMP
Single Point Setup

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
1	☒	80	Wifi Assumer 5GHz	☒	WPA Personal	Disabled	☐	☐

[Hide Details](#)

WPA Versions: ☐ WPA-TKIP ☒ WPA2-AES

Key: (Range: 8-63 Characters)

☐ Show Key as Clear Text

Key Strength Meter: Strong

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

MFP: ☐ Not Required ☒ Capable ☐ Required

[Add](#) [Edit](#) [Delete](#)

Getting Started
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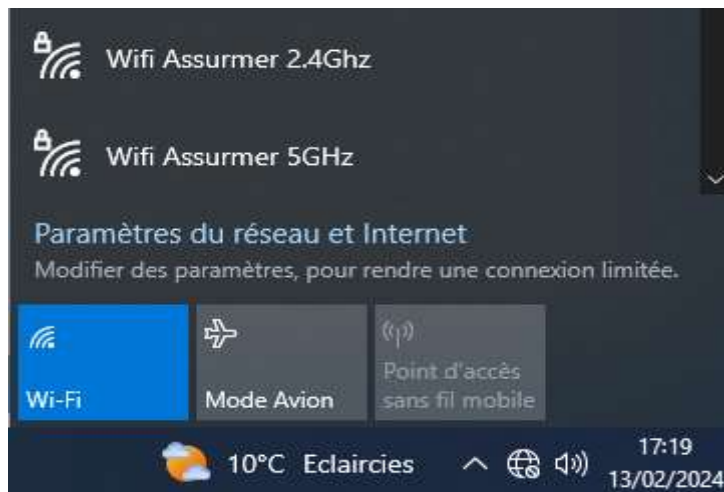
MFP: ☐ Not Required ☒ Capable ☐ Required

[Add](#) [Edit](#) [Delete](#)

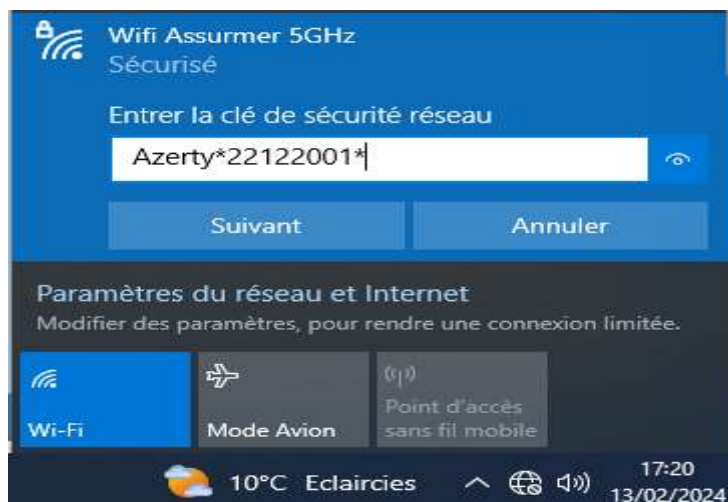


Test de connexion

On retrouve bien les deux SSID



Je test le 5GHz.



On récupère bien une config en DHCP.

