Procédure d'installation de la borne Wifi cisco et configuration SSID

Configuration de l'adresse IP

Welcome	Configure Device - IP A	ddress						
Configuration	Select either Dynamic or Static	IP addres	ss for your de	evice.				
IP Address	Oynamic IP Address (DHCP)) (Recon	nmended)					
Single Point Setup	Static IP Address							
Time Settings	Static IP Address:	172	. 16	. 0	. 10			
Time octaings	Subnet Mask:	255	. 255	. 255	. 0			
Device Password	Default Gateway:	172	. 16	. 0	. 25	4		
Radio 1 (5 GHz)	DNS:	172	. 16	. 0	. 1			
Network Name	Secondary DNS (optional):	8	. 8	. 8	. 8			
Wireless Security							_/	
VLAN ID	Learn more about the difference	nt connec	ction types					
Radio 2 (2.4 GHz)								
Network Name							/	
-	Click Next to continue							

Mise en place de l'adresse « 172.16.0.10 » comme adresse principale de la borne wifi, « 172.16.0.254 » comme adresse de la passerelle, « 172.16.0.1 » comme adresse DNS puis appuyez sur « Next »

Mise en place d'un mot de passe robuste

Welcome	Configure Device - Set Password				
Configuration	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.				
V IP Address	Enter a new device paceword:				
✓ Single Point Setup	New password needs at least 8 characters composed of lower and upper case letters as well a				
✓ Time Settings	numbers/symbols by default. New password should not match with current password				
Device Password					
Radio 1 (5 GHz)	New Password:				
Network Name	Confirm Password:				
Wireless Security	Password Strength Meter:				
VLAN ID	Password Complexity: Z Enable				
Radio 2 (2.4 GHz)	Learn more about passwords				
Network Name	L				
	Click Next to continue				

Mot de passe robuste ?

Un mot de passe robuste est un mot de passe difficile à deviner ou à casser, même à l'aide d'attaques automatisées. Il doit être suffisamment long (au moins 12 à 16 caractères) et inclure une combinaison de majuscules, de minuscules, de chiffres et de caractères spéciaux.

Mise en place du mot de passe robuste de votre choix qui permettra de se connecter au la borne wifi puis appuyez sur « Next »

Création d'une cellule wifi en 5Ghz

Welcome	Configure Radio 1 - Name Your Wireless Network
Configuration	The name of your wireless network, known as an SSID, identifies your network so that wireles devices can find it.
✓ IP Address	Enter a name for your wireless network:
✓ Single Point Setup	
✓ Time Settings	Network Name (SSID): [KAE (5 GHz)] 1 For example: MVNetwork
Device Password	
Radio 1 (5 GHz)	OLearn more about network names
Network Name	
Wireless Security	
VLAN ID	
Radio 2 (2.4 GHz)	
Network Name	
	Click Next to continue

Création d'une cellule wifi en radio 5 GHz qui permettra de diffuser un réseau wifi, ici appeler « KAE (5 GHz) » puis appuyez sur « Next »

Welcome	Configure Radio 1 - Secure Your Wireless Network	
Configuration	Select your network security strength.	
✓ IP Address	 Best Security (WPA2 Personal - AES) Recommended for new wireless computers and devices that support the 	nis option.
✓ Single Point Setup	Older wireless devices might not support this option.	
 Time Settings 	 Better Security (WPA/WPA2 Personal - TKIP/AES) Recommended for older wireless computers and devices that might no 	t support WPA2.
✓ Device Password	O No Security (Not recommended)	
Radio 1 (5 GHz)		
✓ Network Name	Enter a security key with 8-63 characters.	ow Minimum
Wireless Security	Show Key as Clear Text	
VLAN ID	Learn more about your network security options	
Radio 2 (2.4 GHz)		
Network Name	N	
	Click Next to continue	

Mise en place d'un mot de passe robuste nous permettant de nous connecter à notre réseau wifi puis appuyez sur « next »

Welcome	Configure R	adio 1 - Assign The	VLAN ID For Your Wireles	s Network
Configuration IP Address Single Point Setup 	By default, the V is also the defau assigned to your network can adn disable administ	LAN ID assigned to the m It untagged VLAN ID. If th wireless network, then th ninister this device. If neer ration from wireless client	nanagement interface for your acce e management VLAN ID is the san e wireless clients associated with t ded, an access control list (ACL) ca s.	ss point is 1, wh ne as the VLAN his specific wirel an be created to
Time Settings	Enter a VLAN ID	for your wireless network	c	_
Control Deservered	VILAN ID:	80	(Pango: 1, 4004)	
V Device Password	VEAN ID.	00	(Nange, 1 - 4004)	
Radio 1 (5 GHz)	CLearn more a	bout vlan ids		
Vetwork Name				
✓ Wireless Security				
VLAN ID				
Radio 2 (2.4 GHz)				
Network Name				
	Click Next to	continuo		

Attribution du vlan correspondant au réseau wifi, ici le vlan est « 80 » puis appuyez sur « Next ».

Il nous suffit donc de prévoir différents types de réseaux selon le service de l'utilisateur

Ainsi, 7 réseaux serons donc opérationnel tel que :

- Direction
- Compta
- Assurance Pro
- Assurance Particuliers
- Ressource Humaine
- DCC Numérique
- Support Utilisateur

Virt	Virtual Access Points (SSIDs)								
	VAP No.	Enable	VLAN ID	SSID Name					
	0		80	KAE (5 GHz)					
	1		10	KAE-Direction					
	2		20	KAE-Compta					
	3		30	KAE-Assurance-Pro					
	4		40	KAE-Assurance Particuliers					
	5		50	KAE-Ressource Humaine					
	6		60	KAE-D&C numérique					
	7		70	KAE-Support utilisateurs					