Configurazione dell'installazione guidata nel punto di accesso WAP131

Obiettivo

L'Installazione guidata è una funzionalità incorporata utilizzata per semplificare la configurazione iniziale del dispositivo WAP. L'Installazione guidata consente di configurare facilmente le impostazioni di base. Il processo dettagliato dell'Installazione guidata consente di configurare tutte le impostazioni di base necessarie per eseguire il dispositivo WAP.

In questo articolo viene illustrato come configurare il dispositivo WAP131 con l'Installazione guidata.

Dispositivi interessati

·WAP131

Versione del software

•1.0.3.4

Installazione guidata

Passaggio 1. Accedere all'Utilità Configurazione punto di accesso e scegliere **Esegui installazione guidata** nel pannello di navigazione. Viene visualizzata la finestra *Configurazione guidata Access Point*:

Access Point Set	tup	Wizard
Welcome	-	Welcome
Configuration		Thank you for choosing Cisco Wireless Access Point. This setup wizard will help you install your Access Point.
IP Address		To setup this access point manually you can cancel this wizard at any time (Not recommended).
Time Settings		
Device Password	=	al tal ta
Radio 1 (2.4 GHz)	_	
Network Name		
Wireless Security		Note: This Setup Wizard provides simplified options to help you quickly get your access point up
VLAN ID		and running. If there is any option or capability that you do not see while running the setup wizard, click the learning link provided on many of the setup wizard pages. To set further options as you
Radio 2 (5 GHz)		require or as seen in the learning link, cancel the setup wizard and go to the web-based configuration utility.
Network Name		
Wireless Security		
	Ŧ	Click Next to continue
		Back Next Cancel

Nota: Se è la prima volta che si accede a WAP, l'Installazione guidata si aprirà automaticamente.

Configurazione

Passaggio 1. Fare clic su **Avanti** per continuare. Viene visualizzata la sezione *Configurazione periferica* - Indirizzo *IP*.

ccess Point Setup	Wizard
Welcome ^	Configure Device - IP Address Select either Dynamic or Static IP address for your device.
IP Address Time Settings	 Dynamic IP Address (DHCP) (Recommended) Static IP Address
Device Password	Static IP Address: 192 168 1 245
≅ Radio 1 (2.4 GHz)	Subnet Mask: 255 255 0 Default Gateway: 192 168 1 1
Network Name	DNS:
Wireless Security	Secondary DNS (optional):
VLAN ID	
Radio 2 (5 GHz)	<u>Learn more about the different connection types</u>
Network Name	
Wireless Security	
Ŧ	Click Next to continue
	Back Next Cancel

Passaggio 2. Fare clic sul pulsante di opzione corrispondente al metodo che si desidera utilizzare per determinare l'indirizzo IP del WAP.

Welcome	-	Configure Device - IP A	ddre	SS			
Configuration		Select either Dynamic or Static	IP addr	ess for yo	our device	<u>.</u>	
IP Address		Dynamic IP Address (DHCF	P) (Rec	ommend	ed)		
Time Settings		Static IP Address					
Device Password		Static IP Address:	192	. 168	. 1	. 245	
Radio 1 (2.4 GHz)	Ξ	Subnet Mask:	255	. 255	. 255	. 0	
Nietowski Nierow		Default Gateway:	192	. 168	. 1	. 1	
Network Name		DNS:	1	. 1	. 1	. 1	
Wireless Security		Secondary DNS (optional):].		
VLAN ID							
Radio 2 (5 GHz)		Learn more about the difference	nt conn	ection typ	es		
Network Name							
Wireless Security							
	~	Click Next to continue					

Le opzioni disponibili sono definite come segue:

·Indirizzo IP dinamico (DHCP) (consigliato) - Consente al server DHCP di assegnare all'utente un indirizzo IP dinamico per il WAP. Andare al passaggio 7.

·Indirizzo IP statico: consente di creare un indirizzo IP fisso (statico) per il WAP. Un indirizzo IP statico non cambia.

Passaggio 3. Se nel passaggio precedente è stato selezionato **Indirizzo IP statico**, immettere l'indirizzo IP del WAP nel campo *Indirizzo IP statico*. Questo indirizzo IP è univoco per il WAP e non deve essere utilizzato da un altro punto di accesso nella rete.

Welcome	Configure Device - IF	Address								
Configuration	Select either Dynamic or Sta	elect either Dynamic or Static IP address for your device.								
IP Address Time Settings	Dynamic IP Address (DH Static IP Address	ICP) (Recommende	ed)							
Device Password	Static IP Address:	192 . 168	. 1	. 245						
Radio 1 (2.4 GHz)	E Subnet Mask:	255 . 255	. 255	. 0						
Network Name	DNS:	192 . 100	. <u> </u>	. 1						
Wireless Security	Secondary DNS (optiona	al):].							
VLAN ID										
Radio 2 (5 GHz)	Use an about the difference	erent connection typ	<u>es</u>							
Network Name										
Wireless Security										
	Click Next to continue									
				Back	Next	Cancel				

Passaggio 4. Immettere la subnet mask dell'indirizzo IP nel campo Subnet mask.

Access Point Set	up Wizard
Welcome Configuration	Configure Device - IP Address Select either Dynamic or Static IP address for your device.
IP Address	 Dynamic IP Address (DHCP) (Recommended) Static IP Address
Device Password	Static IP Address: 192 . 168 . 1 . 245
Radio 1 (2.4 GHz)	E Subnet Mask: 255 . 255 . 255 . 0
Network Name	Default Gateway: 192 . 168 . 1 . 1 DNS: 1 . 1 . 1 . 1
Wireless Security	Secondary DNS (optional):
VLAN ID	
Radio 2 (5 GHz)	Use The American Structure Connection types
Network Name	
Wireless Security	
	Back Next Cancel

Passaggio 5. Immettere l'indirizzo IP del gateway predefinito per il WAP nel campo *Gateway predefinito*. Il gateway predefinito è in genere l'indirizzo IP privato assegnato al router.

Access Point Se	ccess Point Setup Wizard							
Welcome Configuration	Configure Device - IP Address Select either Dynamic or Static IP address for your device.							
IP Address Time Settings	 Dynamic IP Address (DHCP) (Recommended) Static IP Address 							
Device Password	Static IP Address: 192 . 168 . 1 . 245							
Radio 1 (2.4 GHz)	[≡] Subnet Mask: 255 . 255 . 255 . 0							
Network Name	Default Gateway: 192 168 1 1 DNS: 1 1 1 1 1							
Wireless Security	Secondary DNS (optional):							
VLAN ID								
Radio 2 (5 GHz)	<u>QLearn more about the different connection types</u>							
Network Name								
Wireless Security								
	Click Next to continue							
	Back Next Cancel							

Passaggio 6. (Facoltativo) Se si desidera accedere a pagine Web esterne alla rete, immettere l'indirizzo IP del DNS (Domain Name System) primario nel campo *DNS*. L'indirizzo IP del server DNS deve essere fornito dal provider di servizi Internet (ISP).

Welcome	*	Configure Device - IP A	ddre	SS						
Configuration		Select either Dynamic or Static	IP addr	ess	for yo	ur dev	ice.			
IP Address Time Settings		 Dynamic IP Address (DHCF Static IP Address 	P) (Rec	omr	nende	ed)				
Device Password		Static IP Address:	192].[168	. 1		245		
Radio 1 (2.4 GHz)	I	Subnet Mask:	255].[255	. 25	5	. 0		
Network Name		Default Gateway:	192		168	. 1		. 1		
Wireless Security		Secondary DNS (optional):].[].[
VLAN ID		•								
Radio 2 (5 GHz)		Learn more about the difference	nt conn	ectio	on typ	es				
Network Name										
Wireless Security	-									
		Click Next to continue								

Passaggio 7. (Facoltativo) Nel campo *DNS secondario*, immettere l'indirizzo IP del DNS secondario.

ccess Point Se	tup	Wizard						
Welcome Configuration	•	Configure Device - IP A Select either Dynamic or Static	ddre IP addr	SS ress for yo	our device	è.		
IP Address Time Settings		 Dynamic IP Address (DHCF Static IP Address 	^{>}) (Rec	ommende	ed)			
Device Password		Static IP Address:	192	. 168	. 1	. 245		
Radio 1 (2.4 GHz)	H	Subnet Mask:	255	. 255	. 255	. 0		
Network Name		DNS:	1	. 1	. <u> </u>	. 1		
Wireless Security		Secondary DNS (optional):	2	. 2	. 2	. 2		
VLAN ID								
Radio 2 (5 GHz)		Learn more about the difference	nt conn	ection typ	es			
Network Name								
Wireless Security								
	*	Click Next to continue						
						Back	Vext	Cancel

Passaggio 8. Fare clic su Avanti.

ccess Point Set	up	Wizard							
Welcome Configuration	•	Configure Device - IP A Select either Dynamic or Static	ddre:	SS ess for yo	our	device	э.		
IP Address Time Settings	1	 Dynamic IP Address (DHCF Static IP Address 	P) (Reco	ommende	ed))			
Device Password		Static IP Address:	192	. 168].	1].	. 245	
Radio 1 (2.4 GHz)	III	Subnet Mask: Default Gateway:	255 192	. 255].	255 1].	. 0	
Network Name		DNS:	1	. 1	1.	1	٦.	. 1	
Wireless Security		Secondary DNS (optional):	2	. 2	.	2		. 2	
VLAN ID									
Radio 2 (5 GHz)		Learn more about the difference	nt conne	ection typ	es				
Network Name									
Wireless Security									
	~	Click Next to continue							
							E	Back Next Cano	el

Viene visualizzata la finestra Configure Device - Set System Date and Time.

Access Point Set	up	Wizard		
Welcome		Configure Dev	ice - Set System Date A	And Time
Configuration		Enter the time zone,	date and time.	
✓ IP Address		Time Zone:	USA (Pacific)	•
Time Settings				
Device Password	=	Set System Time:	Network Time Protocol (N Manually	TP)
Radio 1 (2.4 GHz)				
Network Name		NTP Server 1:	0.ciscosb.pool.ntp.org	
		NTP Server 2:	1.ciscosb.pool.ntp.org	
Wireless Security		NTP Server 3:	2.ciscosb.pool.ntp.org	
VLAN ID		NTP Server 4:	3.ciscosb.pool.ntp.org	
Radio 2 (5 GHz)		Learn more abou	t time settings	
Network Name				
Wireless Security				
	*	Click Next to co	ontinue	
				Back Next Cancel

Passaggio 9. Scegliere il proprio fuso orario dall'elenco a discesa Fuso orario.

Access Point Set	p Wiza	ard			
Welcome Configuration	Con Enter	figure Device the time zone, d	ce - Set System Date /	And Time	
Time Settings	Time 2 Set Sy	Zone: /stem Time:	USA (Pacific) Trinidad and Tobago Tunisia Turkey Turkmenistan		▼
Radio 1 (2.4 GHz) Network Name	NTP S	Gerver 1: Gerver 2:	Turks & Caicos Islands Tuvalu Uganda Ukraine Ukraine (Simferopol)		
Wireless Security VLAN ID	NTP S	Server 3: Server 4:	United Kingdom Uruguay US Virgin Islands		
Radio 2 (5 GHz) Network Name	⑦ <u>Lea</u>	arn more about t	USA (Alaska) USA (Aleutian Islands) USA (Arizona) USA (Central) USA (Eastern)		=
Wireless Security	Click	Next to con	USA (Mountain) USA (Pacific)	Back	Next Cancel
				Dack	Cancel

Passaggio 10. Fare clic sul pulsante di opzione corrispondente al metodo che si desidera utilizzare per impostare l'ora del WAP.

Access Point Set	up	Wizard	
Welcome	*	Configure Dev	vice - Set System Date And Time
Configuration		Enter the time zone	e, date and time.
✓ IP Address		Time Zone:	USA (Pacific)
Time Settings			
Device Password	_	Set System Time:	Network Time Protocol (NTP) Manually
Radio 1 (2.4 GHz)	=		- manually
Network Name		NTP Server 1:	0.ciscosb.pool.ntp.org
Wireless Security		NTP Server 2: NTP Server 3:	1.ciscosb.pool.ntp.org
VLAN ID		NTP Server 4:	3.ciscosb.pool.ntp.org
Radio 2 (5 GHz)		Learn more abou	ut time settings
Network Name			
Wireless Security			
	Ŧ	Click Next to co	ontinue
			Back Next Cancel

Le opzioni disponibili sono le seguenti:

·Protocollo NTP (Network Time Protocol) - II WAP riceve l'ora da un server NTP.

•Manualmente: l'ora viene immessa manualmente nel WAP. Se è selezionato **Manualmente**, andare al passo 12.

Passaggio 11. Immettere il nome di dominio del server NTP che fornisce la data e l'ora nel campo *Server NTP* 1. È possibile aggiungere fino a quattro diversi server NTP immettendoli nei rispettivi campi. Quindi, andare al Passaggio 14.

Access Point Set	up	Wizard				
Welcome	*	Configure Dev	ice - Set System Date A	nd Time		
Configuration		Enter the time zone,	date and time.			
✓ IP Address		Time Zone:	USA (Pacific)		•	
Time Settings Device Password		Set System Time:	Network Time Protocol (NT Manually	P)		
Radio 1 (2.4 GHz)	=					
Network Name		NTP Server 1: NTP Server 2:	0.ciscosb.pool.ntp.org 1.ciscosb.pool.ntp.org			
Wireless Security		NTP Server 3:	2.ciscosb.pool.ntp.org			
VLAN ID		NTP Server 4:	3.ciscosb.pool.ntp.org			
Radio 2 (5 GHz)		Learn more abou	t time settings			
Network Name						
Wireless Security						
	Ŧ	Click Next to co	ntinue			
				Back	Next	Cancel

Passaggio 12. Selezionare la data negli elenchi a discesa Data sistema per scegliere

rispettivamente il mese, il giorno e l'anno.

Access Point Setup Wizard			
Welcome Configuration	•	Configure Device - Set System Date And Time Enter the time zone, date and time.	
✓ IP Address		Time Zone: USA (Pacific)	
Time Settings Device Password		Set System Time: O Network Time Protocol (NTP)	
Radio 1 (2.4 GHz)	=		
Network Name		System Date: January V 8 V 2015 V	
Wireless Security			
VLAN ID		<u>PLearn more about time settings</u>	
Radio 2 (5 GHz)			
Network Name			
Wireless Security	-		
	•	Click Next to continue	
		Back Next Cancel	

Passaggio 13. Selezionare l'ora e i minuti rispettivamente dagli elenchi a discesa *Ora di sistema*.

Welcome	•	Configure De	vice - Set System Date And Time
Configuration		Enter the time 200	e, date and time.
IP Address		Time Zone:	USA (Pacific)
Time Settings			
Device Password	=	Set System Time:	Network Time Protocol (NTP) Omega Manually
Radio 1 (2.4 GHz)	_		
Network Name		System Date:	January V 8 V 2015 V
Wireless Security		System Time:	
VLAN ID		Learn more about the second	out time settings
Radio 2 (5 GHz)			
Network Name			
Wireless Security			
	-	Click Next to c	continue

Passaggio 14. Fare clic su **Avanti**. Viene visualizzata la finestra *Configure Device - Set Password*.

Access Point Set	lizard	
Welcome	configure Device	ce - Set Password
Configuration	he administrative par	ssword protects your access point from unauthorized access. For security bange the access point password from its default settings. Please write this
✓ IP Address	assword down for fu	ure reference.
✓ Time Settings	nter a new device pa	issword:
Device Password	ew password needs umbers/symbols by	at least 8 characters composed of lower and upper case letters as well as default.
Radio 1 (2.4 GHz)		
Network Name	ew Password:	
Wireless Security	onfirm Password:	
VLAN ID	assword Strength M	eter: HIII Below Minimum
Radio 2 (5 GHz)	assword Complexity	Enable
Network Name	Learn more about	passwords
Wireless Security		
	lick Next to con	tinue
		Back Next Cancel

Passaggio 15. Immettere una nuova password per l'accesso amministrativo sul server WAP nel campo *Nuova password*. Questa password non viene utilizzata per la connessione alla rete wireless; sarà necessario ottenere accesso amministrativo al WAP stesso.

Access Point Setup Wizard			
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	
IP Address		password down for future reference.	
✓ Time Settings		Enter a new device password:	
Device Password	=	New password needs at least 8 characters composed of lower and upper case letters as well as numbers/symbols by default.	
Radio 1 (2.4 GHz)			
Network Name		New Password:	
Wireless Security		Confirm Password:	
VLAN ID		Password Strength Meter: Weak	
Radio 2 (5 GHz)		Password Complexity: Enable	
Network Name		Learn more about passwords	
Wireless Security	-		
		Back Next Cancel	

Passaggio 16. Confermare la password nel campo *Conferma password* digitando la stessa password.

Access Point Set	up	Wizard
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
✓ IP Address		password down for future reference.
 Time Settings 		Enter a new device password:
Device Password	=	New password needs at least 8 characters composed of lower and upper case letters as well as numbers/symbols by default.
Radio 1 (2.4 GHz)		
Network Name		New Password:
Wireless Security		Confirm Password:
VLAN ID		Password Strength Meter: Weak
Radio 2 (5 GHz)		Password Complexity: Enable
Network Name		Learn more about passwords
Wireless Security		
	Ŧ	Click Next to continue
		Back Next Cancel

Il campo *Misuratore dell'intensità della password* visualizza barre verticali che cambiano quando si immette la password.

Access Point Setup Wizard			
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	
✓ IP Address		password down for future reference.	
✓ Time Settings		Enter a new device password:	
Device Password	=	New password needs at least 8 characters composed of lower and upper case letters as well as numbers/symbols by default.	
Radio 1 (2.4 GHz)			
Network Name		New Password:	
Wireless Security		Confirm Password:	
VLAN ID		Password Strength Meter: Weak	
Radio 2 (5 GHz)		Password Complexity: Enable	
Network Name		Learn more about passwords	
Wireless Security			
	Ŧ	Click Next to continue	
		Back Next Cancel	

I colori del misuratore dell'intensità della password sono definiti come segue:

·Rosso: il requisito minimo di complessità della password non è soddisfatto.

·Arancione: il requisito minimo di complessità della password è soddisfatto, ma la complessità della password è scarsa.

·Verde: il requisito minimo di complessità della password è soddisfatto e la complessità della password è elevata.

Passaggio 17. (Facoltativo) Per abilitare la complessità della password, selezionare la casella di controllo **Abilita** nel campo *Complessità password*. È quindi necessario che la password contenga almeno 8 caratteri e sia composta da lettere minuscole e maiuscole e numeri/simboli. La casella di controllo **Attiva** nel campo *Complessità password* è attivata per impostazione predefinita.

Access Point Setup Wizard			
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	
✓ IP Address		password down for future reference.	
✓ Time Settings		Enter a new device password:	
Device Password	Ξ	New password needs at least 8 characters composed of lower and upper case letters as well as numbers/symbols by default.	
Radio 1 (2.4 GHz)			
Network Name		New Password:	
Wireless Security		Confirm Password:	
VLAN ID		Password Strength Meter: Weak	
Radio 2 (5 GHz)		Password Complexity: 📝 Enable	
Network Name		2 Learn more about passwords	
Wireless Security			
	Ŧ	Click Next to continue	
		Back Next Cancel	

Passaggio 18. Fare clic su Avanti per continuare.

Access Point Setup Wizard			
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		
✓ IP Address	password down for future reference.		
✓ Time Settings	Enter a new device password:		
Device Password	New password needs at least 8 characters composed of lower and upper case letters as well as numbers/symbols by default.		
Radio 1 (2.4 GHz)			
Network Name	New Password:		
Wireless Security	Confirm Password:		
VLAN ID	Password Strength Meter: Weak		
Radio 2 (5 GHz)	Password Complexity: V Enable		
Network Name	Learn more about passwords		
Wireless Security			
	Click Next to continue		
	Back Next Cancel		

Configurazione di Radio 1 (2,4 GHz)

Viene visualizzata la finestra Configura radio 1 - Denominazione rete wireless.

Access Point Set	up	Wizard		
Welcome		Configure Radio 1	- Name Your Wirele	ss Network
Configuration		The name of your wireles devices can find it.	s network, <mark>k</mark> nown as an SS	ID, identifies your network so that wireless
✓ IP Address		Enter a name for your wir	eless network:	
 Time Settings 				
✓ Device Password		Network Name (SSID):	ciscosb	
Radio 1 (2.4 GHz)	II		For example: MyNetwork	
Network Name				
Wireless Security		Learn more about network	<u>work names</u>	
VLAN ID				
Radio 2 (5 GHz)				
Network Name				
Wireless Security				
	Ŧ	Click Next to contin	ue	
				Back Next Cancel

Nota: Il WAP 131 è dotato di due canali radio, 2,4 e 5 GHz. Le impostazioni della rete wireless devono essere configurate singolarmente per ogni canale radio. Il processo di configurazione della rete wireless è lo stesso per ogni canale.

Passaggio 1. Immettere l'SSID (Service Set Identifier) della rete wireless nel campo *Nome rete (SSID)*. SSID è il nome della rete locale (LAN) wireless.

Access Point Setup Wizard			
Welcome	Configure Radio 1 - Name Your Wireless Network		
Configuration	The name of your wireless network, known as an SSID, identifies your network so that wireless devices can find it.		
✓ IP Address	Enter a name for your wireless network:		
✓ Time Settings			
Device Password	Network Name (SSID): ciscosb		
Radio 1 (2.4 GHz)	= For example: MyNetwork		
Network Name			
Wireless Security	<u>Learn more about network names</u>		
VLAN ID			
Radio 2 (5 GHz)			
Network Name			
Wireless Security			
	Click Next to continue		
	Back Next Cancel		

Passaggio 2. Fare clic su **Avanti**. Viene visualizzata la finestra *Configura radio 1 - Proteggi rete wireless*.

Access Point Setup Wizard			
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 this option.	
 Time Settings 		Older wireless devices might not support this option.	
✓ Device Password	=	Better Security (WPA/WPA2 Personal - TKIP/AES) Recommended for older wireless computers and devices that might not support WPA2.	
Radio 1 (2.4 GHz)		No Security (Not recommended)	
Network Name			
Wireless Security		Enter a security key with 8-63 characters.	
VLAN ID		Below Minimum	
Radio 2 (5 GHz)		Show Key as Clear Text	
Network Name		Learn more about your network security options	
Wireless Security			
	Ŧ	Click Next to continue	
		Back Next Cancel	

Passaggio 3. Fare clic sul pulsante di opzione corrispondente alla protezione di rete che si desidera applicare alla rete wireless.

Access Point Setup Wizard				
Welcome Configuration	*	Configure Radio 1 - Secure Your Wireless Network Select your network security strength.		
 IP Address Time Settings Device Password Radio 1 (2.4 GHz) 		 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) 		
Vireless Security VLAN ID Radio 2 (5 GHz) Network Name Wireless Security	-	Enter a security key with 8-63 characters. Enter a security key with 8-63 characters. Below Minimum Show Key as Clear Text Click Next to continue		
		Back Next Cancel		

Le opzioni sono definite come segue:

·Massima sicurezza (WPA2 Personal - AES): fornisce la massima sicurezza ed è consigliata se i dispositivi wireless supportano questa opzione. WPA2 Personal utilizza AES (Advanced Encryption Standard) e PSK (Pre-Shared Key) tra i client e il punto di accesso. Utilizza una nuova chiave di crittografia per ogni sessione, il che rende difficile la compromissione.

·Migliore protezione (WPA Personal - TKIP/AES): fornisce protezione quando sono presenti

dispositivi wireless meno recenti che non supportano WPA2. WPA Personal utilizza AES (Advanced Encryption Standard) e TKIP (Temporal Key Integrity Protocol). Utilizza lo standard Wi-Fi IEEE 802.11i.

•Nessuna protezione (scelta non consigliata): la rete wireless non richiede una password e può essere utilizzata da chiunque. Se questa opzione è selezionata, viene visualizzata una finestra popup in cui viene chiesto se si desidera disattivare la protezione; fare clic su Sì per continuare. Se questa opzione è selezionata, andare al passo 6.

Passaggio 4. Immettere la password per la rete nel campo *Chiave di accesso*. La barra colorata a destra di questo campo indica la complessità della password immessa.

Access Point Set	up Wizard
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 this option
✓ Time Settings	Older wireless devices might not support this option.
Device Password	 Better Security (WPA/WPA2 Personal - TKIP/AES) Recommended for older wireless computers and devices that might not support WPA2
Radio 1 (2.4 GHz)	
 Network Name 	· No Security (Not recommended)
Wireless Security	Enter a security key with 8-63 characters.
VLAN ID	Weak
Radio 2 (5 GHz)	Show Key as Clear Text
Network Name	Learn more about your network security options
Wireless Security	
	Click Next to continue
	Back Next Cancel

Passaggio 5. (Facoltativo) Per visualizzare la password durante la digitazione, selezionare la casella di controllo **Mostra chiave come testo non crittografato**.

Access Point Setup Wizard				
Welcome	Configure Radio 1 - Secure Your Wireless Network			
Configuration	elect your network security strength.			
✓ IP Address	Best Security (WPA2 Personal - AES) Recommended for new wireless computers and devices that support this option.			
 Time Settings 	Older wireless devices might not support this option.			
✓ Device Password	Better Security (WPA/WPA2 Personal - TKIP/AES) Recommended for older wireless computers and devices that might not support \	WPA2.		
Radio 1 (2.4 GHz)	No Security (Not recommended)			
 Network Name 				
Wireless Security	nter a security key with 8-63 characters.			
VLAN ID	estkey123 Weak			
Radio 2 (5 GHz)	Show Key as Clear Text			
Network Name	Learn more about your network security options			
Wireless Security				
	lick Next to continue			
	Back Next	Cancel		

Passaggio 6. Fare clic su **Avanti**. Viene visualizzata la finestra *Configure Radio 1 - Assign The VLAN ID For Your Wireless Network* (Configura radio 1 - Assegna l'ID VLAN per la rete wireless).

Access Point Setup Wizard				
Welcome	Configure Radio 1 - Assign The VLAN ID For Your Wireless Network			
Configuration	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			
✓ IP Address	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			
✓ Time Settings	disable administration from wireless clients.			
Device Password	Enter a VLAN ID for your wireless network:			
Radio 1 (2.4 GHz)	VLAN ID: 1 (Range: 1 - 4094)			
Network Name				
 Wireless Security 	Learn more about vlan ids			
VLAN ID				
Radio 2 (5 GHz)				
Network Name				
Wireless Security				
	Click Next to continue			
	Back Next Cancel			

Passaggio 7. Immettere l'ID VLAN per la rete nel campo *VLAN ID*. Se la VLAN di gestione è la stessa assegnata alla rete wireless, i client wireless della rete possono amministrare il dispositivo. È inoltre possibile utilizzare Access Control Lists (ACL) per disattivare l'amministrazione dai client wireless.

Access Point Setup Wizard				
Welcome	*	Configure Radio 1 - Ass	ign The VLAN	ID For Your Wireless Network
Configuration		By default, the VLAN ID assigned	to the managemen	t interface for your access point is 1, which is
VIP Address		assigned to your wireless network	k, then the wireless	clients associated with this specific wireless
 Time Settings 		disable administration from wirele	ess clients.	
✓ Device Password	_	Enter a VLAN ID for your wireless	network:	
Radio 1 (2.4 GHz)	=	VLANID: 1		(Range: 1 - 4094)
🗸 Network Name				(runger r roor)
 Wireless Security 		Learn more about vlan ids		
VLAN ID				
Radio 2 (5 GHz)				
Network Name				
Wireless Security				
	*	Click Next to continue		
				Back Next Cancel

Passaggio 8. Fare clic su **Avanti**. Viene visualizzata la finestra *Configure Radio 2 - Name Your Wireless Network* (Configura radio 2 - Assegna un nome alla rete wireless).

Access Point Setup Wizard						
✓ Time Settings	*	Configure Radio 2	- Name Your Wireles	ss Network		
✓ Device Password		The name of your wireless devices can find it.	s network, known as an SSI	D, identifies you	r network so that	wireless
Radio 1 (2.4 GHz)		Enter a name for your wire	eless network:			
 Network Name 						
✓ Wireless Security		Network Name (SSID):	ciscosb]		
VLAN ID			For example: MyNetwork			
Radio 2 (5 GHz)						
Network Name	Ξ	Learn more about network	lork names			
Wireless Security						
VLAN ID						
Summary						
Finish						
	Ŧ	Click Next to continu	ue			
				Back	Next	Cancel

Nota: Il processo di configurazione delle impostazioni di rete wireless per Radio 2 è identico a quello utilizzato per impostare Radio 1.

Passaggio 9. Immettere l'SSID (Service Set Identifier) della rete wireless nel campo *Nome rete (SSID)*. SSID è il nome della rete locale (LAN) wireless.

Access Point Set	up Wizard
✓ Time Settings	Configure Radio 2 - Name Your Wireless Network
Device Password	The name of your wireless network, known as an SSID, identifies your network so that wireless devices can find it.
Radio 1 (2.4 GHz)	Enter a name for your wireless network:
 Network Name 	
✓ Wireless Security	Network Name (SSID): ciscosb
VLAN ID	For example: MyNetwork
Radio 2 (5 GHz)	
Network Name	E Learn more about network names
Wireless Security	
VLAN ID	
Summary	
Finish	
	Click Next to continue
	Back Next Cancel

Passaggio 10. Fare clic su Avanti.

Access Point Setup Wizard				
✓ Time Settings	*	Configure Radio 2	- Name Your Wirele	ss Network
Device Password		The name of your wireles devices can find it.	s network, known as an SS	ID, identifies your network so that wireless
Radio 1 (2.4 GHz)		Enter a name for your wir	eless network:	
 Network Name 				
✓ Wireless Security		Network Name (SSID):	ciscosb	
VLAN ID			For example: MyNetwork	
Radio 2 (5 GHz)				
Network Name	Ш	Learn more about network	vork names	
Wireless Security				
VLAN ID				
Summary				
Finish				
	Ŧ	Click Next to contin	ue	
				Back Next Cancel

Configurazione Di Radio 2 - (5 Ghz)

Viene visualizzata la finestra Configura radio 2 - Proteggi la rete wireless.

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

Passaggio 1. Fare clic sul pulsante di opzione corrispondente alla protezione di rete che si desidera applicare alla rete wireless.

Access Point Setup Wizard				
✓ Time Settings	*	Configure Radio 2 - Secure Your Wireless Network		
Device Password		Select your network security strength.		
Radio 1 (2.4 GHz)		Best Security (WPA2 Personal - AES) Recommended for new wireless computers and devices that support this option.		
 Network Name 		Older wireless devices might not support this option.		
✓ Wireless Security		Better Security (WPA/WPA2 Personal - TKIP/AES) Recommended for older wireless computers and devices that might not support WPA2.		
VLAN ID		No Security (Not recommended)		
Radio 2 (5 GHz)				
Network Name	Ξ	Enter a security key with 8-63 characters.		
Wireless Security		Below Minimum		
VLAN ID		Show Key as Clear Text		
Summary		Learn more about your network security options		
Finish				
	*	Click Next to continue		
		Back Next Cancel		

Le opzioni sono definite come segue:

·Massima sicurezza (WPA2 Personal - AES): fornisce la massima sicurezza ed è consigliata se i dispositivi wireless supportano questa opzione. WPA2 Personal utilizza AES (Advanced Encryption Standard) e PSK (Pre-Shared Key) tra i client e il punto di accesso. Utilizza una nuova chiave di crittografia per ogni sessione, il che rende difficile la compromissione.

·Migliore protezione (WPA Personal - TKIP/AES): fornisce protezione quando sono presenti

dispositivi wireless meno recenti che non supportano WPA2. WPA Personal utilizza AES (Advanced Encryption Standard) e TKIP (Temporal Key Integrity Protocol). Utilizza lo standard Wi-Fi IEEE 802.11i.

•Nessuna protezione (scelta non consigliata): la rete wireless non richiede una password e può essere utilizzata da chiunque. Se questa opzione è selezionata, viene visualizzata una finestra popup in cui viene chiesto se si desidera disattivare la protezione; fare clic su **Sì** per continuare. Se questa opzione è selezionata, andare al passo 4.

Passaggio 2. Immettere la password per la rete nel campo *Chiave di accesso*. La barra colorata a destra di questo campo indica la complessità della password immessa.

Access Point Set	up	Wizard
✓ Time Settings	*	Configure Radio 2 - Secure Your Wireless Network
Device Password		Select your network security strength.
Radio 1 (2.4 GHz)		Best Security (WPA2 Personal - AES) Recommended for new wireless computers and devices that support this option.
 Network Name 		Older wireless devices might not support this option.
✓ Wireless Security		Better Security (WPA/WPA2 Personal - TKIP/AES) Recommended for older wireless computers and devices that might not support WPA2.
VLAN ID		No Security (Not recommended)
Radio 2 (5 GHz)		
✓ Network Name	Ш	Enter a security key with 8-63 characters.
Wireless Security		••••••••••
VLAN ID		Show Key as Clear Text
Summary		Learn more about your network security options
Finish		
	Ŧ	Click Next to continue
		Back Next Cancel

Passaggio 3. (Facoltativo) Per visualizzare la password durante la digitazione, selezionare la casella di controllo **Mostra chiave come** testo **non crittografato**.

Access Point Set	up	Wizard
✓ Time Settings	*	Configure Radio 2 - Secure Your Wireless Network
Device Password		Select your network security strength.
Radio 1 (2.4 GHz)		Best Security (WPA2 Personal - AES) Recommended for new wireless computers and devices that support this option.
 Network Name 		Older wireless devices might not support this option.
✓ Wireless Security		Better Security (WPA/WPA2 Personal - TKIP/AES) Recommended for older wireless computers and devices that might not support WPA2.
VLAN ID		No Security (Not recommended)
Radio 2 (5 GHz)		
Network Name	Ξ	Enter a security key with 8-63 characters.
Wireless Security		TestKey123 Weak
VLAN ID		Show Key as Clear Text
Summary		Learn more about your network security options
Finish		
	Ŧ	Click Next to continue
		Back Next Cancel

Passaggio 4. Fare clic su **Avanti**. Viene visualizzata la finestra *Configure Radio 2 - Assign The VLAN ID For Your Wireless Network* (Configura radio 2 - Assegna l'ID VLAN per la rete wireless).

Access Point Setup Wizard						
✓ Time Settings	*	Configure Radio 2 - Ass	ign The VLAN	D For Your	Wireless Ne	twork
Device Password		By default, the VLAN ID assigned also the default untagged VLAN IC	to the management). If the managemen	interface for you t VLAN ID is the	r access point is same as the VLA	1, which is
Radio 1 (2.4 GHz)		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.				
Network Name						
 Wireless Security 		Enter a VLAN ID for your wireless	network:			
VLAN ID		VLAN ID: 1		(Range: 1 - 409	4)	
Radio 2 (5 GHz)						
 Network Name 	Ш	Cearn more about vlan ids				
 Wireless Security 						
VLAN ID						
Summary						
Finish	Ţ					
		Click Next to continue				
				Back	Next	Cancel

Passaggio 5. Immettere l'ID VLAN per la rete nel campo VLAN ID.

Access Point Setup Wizard					
✓ Time Settings	*	Configure Rad	lio 2 - Assign	The VLAN	ID For Your Wireless Network
Device Password		By default, the VLAN also the default unta	I ID assigned to the orged VLAN ID. If th	e management e managemer	t interface for your access point is 1, which is nt VLAN ID is the same as the VLAN ID
Radio 1 (2.4 GHz)		assigned to your wir network can adminis	eless network, the ster this device. If r	n the wireless eeded, an acc	clients associated with this specific wireless cess control list (ACL) can be created to
Network Name		disable administration	on from wireless cl	ents.	
 Wireless Security 		Enter a VLAN ID for	your wireless netw	ork:	
VLAN ID		VLAN ID:	1		(Range: 1 - 4094)
Radio 2 (5 GHz)					
 Network Name 	Ξ	Learn more abou	<u>t vlan ids</u>		
✓ Wireless Security					
VLAN ID					
Summary					
Finish					
	Ŧ	Click Next to co	ntinue		
					Back Next Cancel

Passaggio 6. Fare clic su **Avanti**. Viene visualizzata la finestra *Summary - Confirm Your Settings*.

Access Point Setup Wizard						
✓ Time Settings	*	Summary - Confirm	Your Settings			
✓ Device Password		Please review the following settings and ensure the data is correct. Radio 1 (2 4 GHz)				
Radio 1 (2.4 GHz)		Network Name (SSID)):ciscosb			
✓ Network Name		Network Security Type:	WPA/WPA2 Personal - TKIP/AES			
✓ Wireless Security		Security Key:	******			
VLAN ID		VLAN ID: Radio 2 (5 GHz)	1			
Radio 2 (5 GHz)		Network Name (SSID)):ciscosb			
✓ Network Name	Ξ	Network Security Type:	WPA/WPA2 Personal - TKIP/AES			
Wireless Security		Security Key:	TestKey123			
VLAN ID		VLAN ID:	1			
Summary Finish		Note: Radio1 and Radio2 wi	II be enabled after clicking Submit.			
Click Submit to enable settings on your Cisco Wireless Access Point						
			Back	Submit Cancel		

Passaggio 7. Verificare le impostazioni visualizzate e accertarsi che le informazioni siano corrette. Per modificare un'impostazione, fare clic sul pulsante **Indietro** fino a raggiungere la finestra desiderata.

Access Point Setup Wizard							
✓ Time Settings	*	Summary - Confirm	Your Settings				
✓ Device Password		Please review the following settings and ensure the data is correct. Radio 1 (2.4 GHz)					
Radio 1 (2.4 GHz)		Network Name (SSI	D):ciscosb				
✓ Network Name		Network Security Type:	WPA/WPA2 Personal - TKIP/AES				
✓ Wireless Security		Security Key:	******				
✓ VLAN ID		VLAN ID: Radio 2 (5 GHz)	1				
Radio 2 (5 GHz)		Network Name (SSI	D):ciscosb				
✓ Network Name	Ξ	Network Security Type:	WPA/WPA2 Personal - TKIP/AES				
 Wireless Security 		Security Key:	TestKey123				
VLAN ID		VLAN ID:	1				
Summary Finish		Note: Radio1 and Radio2 w	vill be enabled after clicking Submit.				
	~	Click Submit to enab	ole settings on your Cisco Wirele	ss Access Point			
			Back	Submit Cancel			

Passaggio 8. (Facoltativo) Se si desidera uscire dall'Installazione guidata e annullare tutte le modifiche apportate, fare clic su **Annulla**.

Access Point Setup Wizard						
✓ Time Settings	*	Summary - Confirm	Your Settings			
 Device Password 		Please review the following Radio 1 (2.4 GHz)	Please review the following settings and ensure the data is correct. Radio 1 (2 4 GHz)			
Radio 1 (2.4 GHz)		Network Name (SSI	D):ciscosb			
✓ Network Name		Network Security Type:	WPA/WPA2 Personal - TKIP/AES			
Wireless Security		Security Key:	******			
VLAN ID		VLAN ID: Radio 2 (5 GHz)	1			
Radio 2 (5 GHz)		Network Name (SSI	D):ciscosb			
✓ Network Name	Η	Network Security Type:	WPA/WPA2 Personal - TKIP/AES			
Wireless Security		Security Key:	TestKey123			
VLAN ID		VLAN ID:	1			
Summary Finish		Note: Radio1 and Radio2 w	vill be enabled after clicking Submit.			
Click Submit to enable settings on your Cisco Wireless Access Point						
			Back	Submit Cancel		

Riepilogo

Passaggio 1. Fare clic su **Submit** (Invia) per abilitare le impostazioni in WAP. Durante l'applicazione delle impostazioni verrà visualizzata una barra di caricamento.



Passaggio 2. Una volta applicate le impostazioni, viene visualizzata la finestra *Device Setup Complete* (Configurazione dispositivo completata), che indica che WAP 131 è ora configurato. Per aggiungere altri computer alla rete wireless, assicurarsi di registrare le Chiavi di protezione mostrate qui, in quanto saranno necessarie per la connessione. Fare clic su **Fine** per uscire dall'Installazione guidata.

Access Point Set	tup	Wizard					
✓ Time Settings	*	Device Setup Comp	lete				
Device Password		Congratulations, your ac	cess point has been set up successfully.	We strongly recommend that			
Radio 1 (2.4 GHz)		you save these settings by writing them down or by copying and pasting them into a text document. You will need these settings later when you add other wireless computers or devices to your					
Network Name		network.					
✓ Wireless Security		Radio 1 (2.4 GHz)					
VLAN ID		Network Name (SSID):	ciscosb				
Radio 2 (5 GHz)		Network Security Type:	WPA/WPA2 Personal - TKIP/AES	(B(C			
Network Name	Ξ	Security Key:	TestKey123				
Miralaaa Caauritu		Radio 2 (5 GHz)					
Vireless Security		Network Name (SSID):	ciscosb				
VLAN ID		Network Security Type:	WPA/WPA2 Personal - TKIP/AES				
Summary		Security Key:	Testkey123				
Finish							
	Ŧ	Click Finish to close t	his wizard.				
			Back	Finish Cancel			