How to complete connectivity setup guide





We will explain

How to set the key hardware

(Vodafone router + Meraki MX68CW device)

Getting started with Dashboard

(quick tour of menus)

- How to view basic Wi-Fi analytics
- How to connect a device to the Meraki Wi-Fi and how it appears on the dashboard
- How to connect a device to the Meraki LAN and how it appears on the dashboard

Your **Complete Connectivity** package will include the following:

- Vodafone Router
- CISCO Meraki MX68CW device, with a Vodafone SIM card already inserted
- A power lead for the Meraki MX68CW
- Any additional add-on devices you may have ordered:
 - CISCO Meraki indoor Access Point MR36
 - CISCO Meraki outdoor Access Point MR76
 - CISCO Meraki indoor camera MV12
 - CISCO Meraki outdoor camera MV72



HOW TO COMPLETE CONNECTIVITY SETUP GUIDE

HOW TO SET THE KEY SET THE KEY HARDWARE (Vodafone router + Meraki MX68CW device)





Step 1 To start the setup, open the Vodafone router box.

It will contain:



Step 2 Unbox the **router** and position it near a power socket and your phone socket.

Ensure there is enough room to connect the **Meraki MX68CW**.



If possible, avoid placing them next to other electronic devices, metal objects (e.g. racking) or large obstacles. These will interfere with your Wi-Fi signal.

Step 3 There are several types of **phone socket** you may find at your business.

If your phone socket has a single port, you will need a **microfilter**.



Step 3 (cont)



If your phone socket has two ports, you don't need a microfilter - just plug the internet cable into the smaller port, and the other end into the router's red port.

NTERNET

Step 3 (cont)



POWER

Now plug the **power cable** into the back of the router and connect to a nearby plug.

Switch on the router by pressing the **on/off button on the back**.

Step 3 (cont)



The First time you do this, your router will set itself up. Leave it connected and uninterrupted for up to an hour.

Once you have an internet connection, you will see a stable white light above 'Internet' towards the bottom of your router.

HOW TO COMPLETE CONNECTIVITY SETUP GUIDE



Inside the **CISCO Meraki MX68CW** box you will find:



- The Meraki MX68CW device (a silver box with two blackantennae)
- A power adapter
- An Ethernet cable
- Screws and raw plugs for wall mounting
- A setup manual and SIM card tray opening pin



You will also receive a separate **power lead** (not in the CISCO Meraki MX68CW box but included in the Complete Connectivity package, in a small canvas bag). **This needs to be plugged into the adapter.**



Position your device as **close to a window** as possible.

This is to ensure you get the best possible signal for the Mobile backup.

As previously mentioned, avoid placing it in an enclosed environment (e.g. inside a cupboard or locker) or right next to other electronic devices, metal objects (such as racking) or large obstacles, so as to avoid Wi-Fi interference.



Connect your Meraki device to a **power source**

Using the AC adaptor and power cable provided.





Using the Ethernet cable provided, connect the **first WAN port** on the device, labelled **'Internet 1'**, to the Vodafone router's **'LAN-1' port**.



If you purchased additional devices with your Complete Connectivity package, such as cameras (Meraki MV) or wireless access points (Meraki MR), you will need to connect a suitable Ethernet cable from each of these to one of the MX68CW ports numbered from 3 to 10.

After connecting all your Meraki devices, **check their LED lights** to ensure they are properly connected:

Your Meraki MX device(s) should **display a solid white LED when it is connected to the internet** and working properly. A solid purple LED means you are connected via the Vodafone Mobile Backup and you need to get your broadband connectivity checked. If the light is cycling through different colours, it is still downloading updates and you need to wait for it to finish.





Your access points and camera device(s) should display a solid green or blue LED when connected.

INITIAL SETUP (account and demo of the dashboard)

Confirm your login email address

By now, you should have received an email from **CISCO Meraki-No Reply**, informing you that you have been granted administrator privileges to a network in the organisation "**your organisation name**". It will also confirm your login email address and provide a link to select your password. **Click on this link**.



Choose password

1

2

Now click on the **"Choose your password here"** link in your email.

You will then have to **enter your selected password and confirm it.**



Connectivity portal

3

After creating your password, you will be redirected to the Vodafone Complete Connectivity portal, found at http://dashboard.meraki.com Use your email address and newly selected password to log in.

disco Meraki	Have to account? Log in
Weicome! Choose your password. Password Confirm password Your use of this account is usigned to the Casco Mereki Buppler	ertar End User Loense Agneement. Terms Privacy © 2021 Claco or Johns, Inc.

Secured and protected

4

To ensure your network is secured and protected, **we have** activated 2 Factor authentication on your authentication by default. This means for someone to successfully login they will need their username & password details as well as a code that will be received on your phone each time you login.



SMS Authentication

5

Upon your first login, you'll be asked to **setup SMS authentication**.

6 Type in your phone number, press send code. You'll receive an SMS from Meraki with a Code, type this code in the Code text box and press verify.

6 vodafone	Q Search Dashboard	¶3 Announcements ▼ () Help ▼
	Your password was successfully set.	
	Your organization requires you to use SMS authentication. You must set it up before continuing.	
	Set up SMS Authentication	
	Card years admenication heps protect your account by requiring more using tools a password to glon, When you gin in with SMS administrations, you'll wenty your identity using both a password and a code that you receive on your phone.	
	This feature is currently only available in the United States and the United Kingdom.	
	If you are in a different country/region, SMS authentication is still a beta feature, and we cannot guarantee its reliability. etch	
	Please feel free to test your phone number below, SMS authentication has been known to work in the following additional countries: Canada, Mexico, France, Scole	
	If you are unable or do not want to receive SMS messages, <u>to can set up</u> offline access with the following mobile devices: <u>Android, iPhone</u> , or Blacktherry.	4:40
	Set up your prione Enter the phone number you would like to use and then follow the steps to verify it. Omit leading zeros from U.K. area codes (e.g., +442079304832).	MERAKI>
	Phone number ex: (415) 555-1234	Text Message Today 2:21 pm
	Test your phone	778824 is your Cisco Meraki
	phone. 1. Send code	verification code.
	2. Code: Verify	
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	-	Text Message

Backup



You'll be asked if you want to **setup an additional number optionally as a backup** in case the primary phone is not available with you.

vodafone vodafone vodafone	Dashboard sword was successfully set.	You can skip if you don't have a	
Your org	anization requires you to use SMS authentication. You must set it up t	backup priorie by pressing Next.	
Set up S Using SMS password tr identity usin	MS Authentication authentication helps protect your account by requiring more than just) login. When you sign in with SMS authentication, you'll verify your to that a password and a code that you receive on your phone.		-
This featu Kingdom	ure is currently only available in the United States and the United		
If you are feature, a Please fe been kno Erono	In a different country/region, SMS authentication is still a beta and we cannot guarantee its reliability. BTA effect to tast your phone number below, SMS authentication has who to work in the following additional countries: Canada, Mexico, towing balan and incrementing additional countries.		
rtance, s If you are offline ac BlackBer	yam, naw, and bernany. a unable or do not want to receive SMS messages, you can set up cess with the following mobile devices: <u>Android, IPhone</u> , or TV.		
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© 2021 Cisc Privacy - Te	co Systems, Inc. ima	Last login: <u>1 minute acc</u> from soor convert IP address Commit sension standed last that a minute acc Data for this organization is hosted in <u>Europa</u>	Make a wish

SMS authentication

8 Press on **Turn on SMS authentication** to complete this process. A window will prompt to re-enter your password.

Q Search Dashboard		¶S Announcements ▼ @) Help *
Your password was successfully set.			
Your organization requires you to use SMS authentication. You must set it up before continuing.			
Set up SMS authentication helps protect your account by requiring more than just a suscent to login. When you sign in with MS suthentication, you'll welfy your suberthy wind both an assaved and all a code that you receive on your phone to any subert and all code that you receive on your phone. Mine are an adfinent country/inging, SMS authentication is still a beta fusture, and we cannot guarantee to reliability. Etc. Massa feel free to test your phone number below. SMS authentication has been and General you phone number below. SMS authentication has been account your phone number below. SMS authentication has been account your and for dony and you and countries. Canada, Mexico, and General you and General you and been account you and been account you and been account you and be not you the for for dony additional countries. Canada, Mexico, and General you and General you are subtowed by the for dony additional countries. Canada, Mexico, and SMS authentication has been account you and been account you and been account you and been account you additional countries. Canada, Mexico, and SMS authentication has been account you additional you additin you additin you additional you additional you additional you ad			
When you turn on SMS authentication, you will be signed out of Dashboard everywhere you are logged in. e Back Turn on SMS authentication			
© 2021 Cisco Systems, Inc. Privacy - Torms	Last logit <u>Limited ago</u> from your current Pladdress Current essens statem teles <u>Estina a minute ago</u> Data for this organization is hosted in <u>Europe</u>		

Completed

9 Now you have successfully completed the user creation process. Every time you **login to your Meraki Dashboard** you will need both your account **password and an SMS code** which will be received on your phone to use for login.

🌔 vodafone	Q. Search Dashboard		📢 Announcements 👻	⑦ Help ★ ★
	Sat up SMS Authontication			
	xample ng SMS authentication helps protect your account by requiring mo	vre than just a		
	password to login. When you sign in with SMS authentication, you'll w identity using both a password and a code that you receive on your p	rerify your hone.		
	This feature is currently only available in the United States and the Kingdom.	United		
	If you are in a different country/region, SMS authentication is still a feature, and we cannot guarantee its reliability. BETA	beta		
	Please feel free to test your phone number below. SMS authentica been known to work in the following additional countries: Canada, France, Spain, Italy, and Germany.	tion has Mexico,		
	If you are unable or do not want to receive SMS messages, you offline access with the following mobile devices: <u>Android, iPhor</u> <u>BlackBerry</u> .	e Verify password	×.	
	Confirm SMS authentication settings	To perform this action, please re-enter your password.		
	Confirm your information and click "Save changes":			
	Primary phone number +447584481026 Backup phone number none	L forgot my password Cancel	Verify	
	« Back Save changes Cancel			
	© 2021 Cisco Systems, Inc.	Last login: <u>2 minutes ago</u> from your curren	nt IP address	Make a wish
	Privacy - Terms	Current session started: <u>2 minutes</u> Data for this organization is hosted in	iago Europe	
		6		

! If you can't **log in** or **forgot password**:

- Go to https://dashboard.meraki.com/ and click on **"I forgot my password"**
 - That should take you to a new page, where you need to input your admin email address and press submit.
- 3 You will now be sent by email instructions from email Cisco Meraki – No Reply with subject "Cisco Meraki Password Reset".
- **4 Follow the instructions** in the email to reset your password, then login again to https://dashboard. meraki.com/with your admin email and new password



2

GETTING STARTED WITH DASHBOARD Quick tour of menus

Log-in to the Vodafone Dashboard



Connect with live clients with LAN or Wi-Fi

Under the Status column, connected devices (a.k.a. "clients") are highlighted green while non-connected clients are shown as grey. You can also identify which devices are connected through a wired LAN connection...



Display and filter client and network activity



How to configure static IPs



(6)

How to connect a device to the **Meraki Wi-Fi**

How to connect a device to the Meraki Wi-Fi - and how it appears on the dashboard. Your Complete Connectivity Wi-Fi network comes created by default.

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	🜔 vodafone	Q Search Dashboard			📢 Announcements 👻
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		WPA key	rMkvz3nEYsfrGeBC Hide Key		
	Security & SD-WAN	WPA encryption mode	WPA2 only		
	Organization	Visibility	Advertise this SSID publicly 🗸		
		SSID 2			
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		Name	Guest-MX		
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				a SD-WAN HOIT the tert hand	
				menu and choose Wireless	
				settings from the menu	
-					

Secure and personalise your **network name** (SSID) and **password**





dashboard.meraki.com

How to Add/ Change SSID

