



Meraki Introductory Demo

Wireless

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Released: December 17, 2014

Agenda

- Cisco Meraki Quick Start
- Cisco Meraki Dashboard
- Cisco Meraki Mobile App “M”

Cisco Meraki Quick Start

- Meraki appliance installation guide
 - Download links available @ [Meraki Documentation Home](#)
- Wireless LAN Quick Start
 - At the home page of Wireless LAN @ [Meraki Documentation Home](#)
 - A brief overview of the steps required to add an access point to your network
- Always come back to [Meraki Documentation Home](#) for topic search

Cisco Meraki Quick Start (2)

- AP Installation Prerequisite

- Power (via adapter or PoE)
- Wired connection with Internet access

- AP power on and check into M. cloud

- This may take up to an hour, depending on the Internet connection speed
- While upgrading, the AP's power LED will flash orange
- Once the AP has checked into dashboard, the LED will turn green
- *Note: A solid orange light indicates that the device has not checked in with the Meraki cloud yet*

Assigning a routable IP Address to AP

- **DHCP Reservation**

- DHCP server should be configured to assign a static IP address for each MAC address belonging to a Meraki AP

- **Static IP**

- Static IPs are assigned using the local web server on each AP

- **If firewall is in place**

- Outgoing connections on particular ports to particular IP addresses must be allowed for AP to connect with Meraki Cloud Management.
- The most current list of outbound ports and IP addresses can be found at Dashboard -> Help -> Firewall info

Cisco Meraki Dashboard

- If this is your first time, create a new account.
- Find the Dashboard "network" to which you plan to add your APs, or create a new network.
 - NOTE: Separate networks must be created for different Meraki device types (MR, MX, MS, etc).

Add APs to your network – Info required

- Meraki **order number**
 - found on your invoice if you ordered directly from Meraki
- **或者 AP serial number**
 - which looks like Qxxx-xxxx-xxxx and is found on the bottom of each unit
- Enterprise Cloud **license key**
 - received via email from shipping@meraki.com or your authorized Meraki distributor

Add APs to your network

- **Configure -> Add devices**
 - Enter the order number or serial numbers of your access points
- **Monitor -> Access points**
 - Identifies APs on the network and shows their status, activity, and usage
- **You're done!**

Monitor your network

- **Map and floor plans**

- Place APs on map; edit floor plan

- **Access points**

- AP list; drill down details per AP

- **Clients**

- Add client and set policy per MAC address

- **Summary report**

- Top APs, SSIDs, clients, etc.; schedule report emails

Configure individual WLAN (SSID)

- **SSIDs**

- SSIDs enable / disable

- **Access control**

- Client authentication, 802.1X/RADIUS; splash page; NAC, what-if M.cloud unreachable; Client IP assignment; band selection

- **Firewall & traffic shaping**

- L3, L7 firewall rules; per-client, per-SSID bandwidth limits, shape traffic

- **Users management**

 Guest user management

Configure WLAN (2)

- **Splash page customize**
 - Themes custom; splash URL; customize your page (message, logo, language)
- **SSID availability**
 - Visibility; per-AP availability; scheduled availability
- **Network-wide settings**
 - Org. & network admins; guest ambassadors; traffic analysis; CMX Analytics, API, Post URLs; Packet capture; device config; local time zone; Syslog; SNMP

Configure WLAN (3)

- **Group policies**

- Define device type-based group policy: bandwidth, VLAN, Splash, traffic
- Assigned per SSID

- **Radio settings**

- Radio power; per-AP channel planning

- **Add devices**

Organization

- **Location analytics**
 - Proximity; Engagement; Loyalty
- **Configuration templates**
 - Network templates create / copy / delete
- **Change log**
 - Configuration changes logging
- **Security report**
 - Security event reports

Organization (2)

- **Settings**

- Organization security policy; licensing notification; Block Meraki support

- **MDM**

- Apple MDM; Chrome OS device management

- **Administrators**

- Administrator account management

- **Configuration sync**

- Compare your networks, see what settings differ, and maintain consistency when disparity exists

Organization (3)

- **License info**

- License status; license expiration; add license; license history

- **Create network**

- Network types: wireless, security appliance; switches; combined hardware
- Add devices to network

- **Inventory**

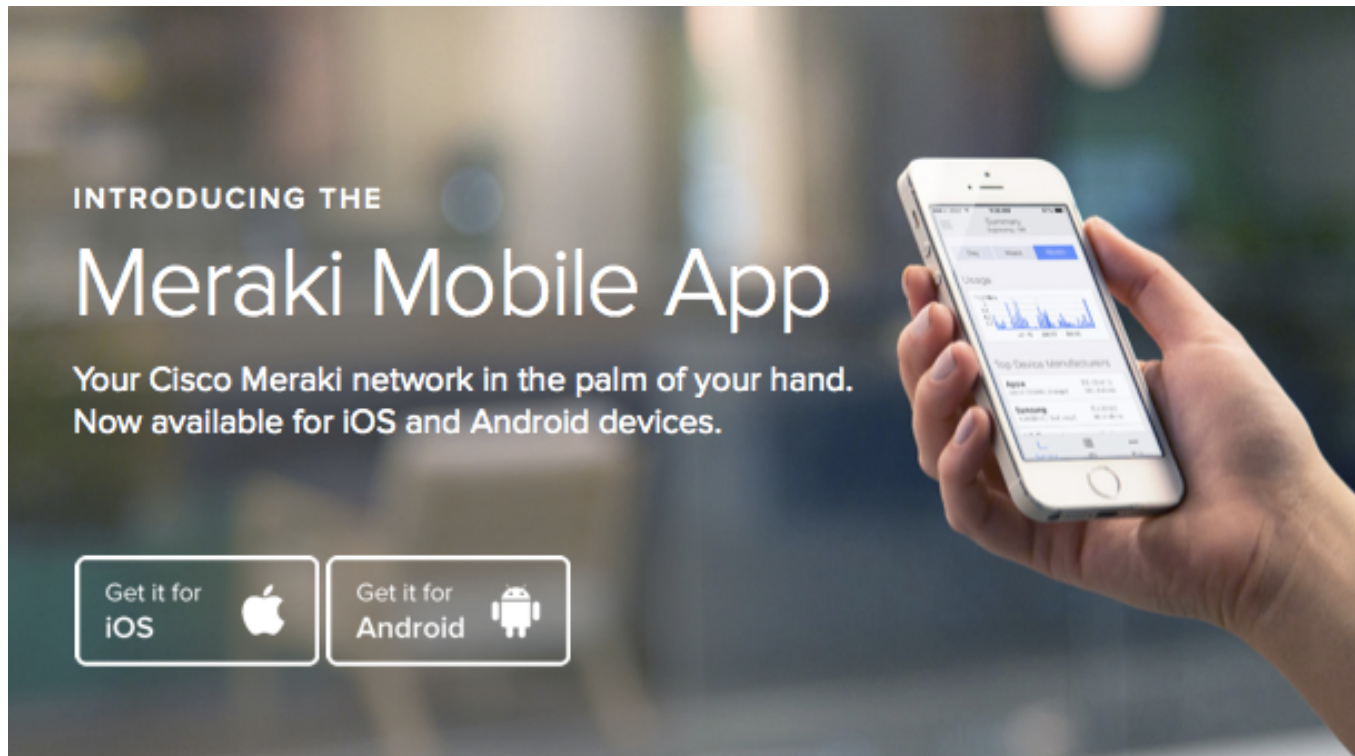
- View used and unused devices in your organization. After selecting devices below, you can add them to a new or existing network.

Meraki Dashboard Help

- **Get help info**
 - Knowledge base (topic search), manuals, support hotlines
- **Cases: trouble tickets**
 - Case create and interaction with support engineer
- **New features**
 - Introduction and how-to
- **Firewall info**

 help guide you in creating firewall rules for the Cisco Meraki cloud.


Cisco Meraki Mobile App – iOS & Android




INTRODUCING THE

Meraki Mobile App

Your Cisco Meraki network in the palm of your hand.
Now available for iOS and Android devices.

Get it for iOS 

Get it for Android 

The image shows a hand holding a white smartphone displaying the Cisco Meraki mobile app interface. The app screen shows a 'Summary' section with a 'Refresh' button, a 'Usage' section with a blue bar chart, and a 'Top Device Manufacturers' section with a table listing 'Apple' and 'Samsung' with their respective usage percentages.



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TOMORROW starts here.