

Meraki Aislelabs Integration Guide – Cisco Meraki

Meraki Setup

Before you get started, here are the things you need:

1. A Meraki account (if you do not have one, please refer to this guide)
2. Your Meraki API Key
3. Please create support ticket under “Help > Cases” to Meraki to have these features enabled. Once the support ticket is created for Meraki Help Desk, it will take a couple of days for this to be activated.

* **Enable support for Walled garden domains**

* **Enable support for RADIUS accounting**

[My Cases](#) > New Case

Enable Features Options

Select which devices (if any) relate to this case

Please enable the following features on my account:

1. Domain based walled garden support
2. Enable RADIUS accounting

Account: <your account email>

Organization: <your organization>

Network: <your network>

Priority: High ▼

Characters remaining: 3793

Cancel

Submit

2. **Add Aislelabs as a User**

Please add Aislelabs using aislelabs@gmail.com as a user under **Network Wide -> Users -> Add New User**. Make sure Authorized is selected as “Yes” and that the account does not expire.



The screenshot shows a 'Create user' dialog box with the following fields and options:

- Account type:** Guest
- Description:** [Text input field]
- Email (Username):** [Text input field]
- Password:** [Text input field] with a **Generate** button next to it.
- Authorized:** Yes (dropdown menu)
- Expires:** Does not expire, Expires in: [Text input field] days (dropdown menu)

At the bottom right, there are three buttons: **Close**, **Print**, and **Create user** (highlighted in blue).

Begin Setup



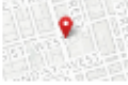
1. Click “New Site” to start setting up.

Your sites

You have 3 sites

[New Site](#) [New Campaign](#)

Search

Location	Name ↕	Status	Action
	My first business Edit Site	Enabled	Users Footfall Analytics Splash Page
	My second business Edit Site	Disabled	Users Footfall Analytics Splash Page
	My third business Edit Site	Enabled	Users Footfall Analytics Splash Page

[Export to CSV](#) 1 10

1. Fill out the fields (name, address, etc.), select Meraki and then input your Key (attainable through guide above) into the corresponding field. Click “Continue” when complete.

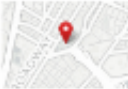
Organization
Select an organization this site will belong to. You can use organizations to group sites.

My Company x ▾

Site Name
Name of the site where it will be setup

My fourth business

Site Address
Address of the site where it will be setup

111 Berkeley St. 

Hardware Type
We support a variety of APs from different hardware provider. Please select the provider from the list above. [Read more](#)

Meraki CLOUDTRAX® aruba ruckus CISCO Other

Select a Meraki key to use below

Input New Key ▾

Help
Enter the API key from your Meraki Dashboard for automated setup.
[Read more](#)

Please input the Meraki API Key below

Key

Continue Save for Manual setup

1. Select your Meraki Organization and Network from their respective drop-down menus. Next, select and name your SSID whatever you would like. Lastly, choose between “Start Now” and “Disabled” for your SSID availability (Start Now broadcasts your AP right away and disable allows you to start at a later time). Click “Configure Now” to complete the set up.

Automated Setup Using Meraki Hardware

Site Name
My fourth company

Select Meraki Organization
Choose from organization configured in your Meraki Dashboard

My Business × ▾

Select Meraki Network

My Business' Location × ▾

Type Meraki
Currently 3 configured SSIDs

Choose SSID

Use My SSID Name × ▾

SSID Name

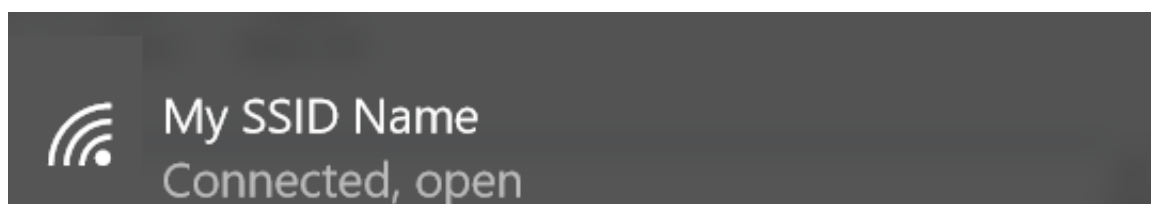
Name it what you want here|

SSID Availability

Start Now Disabled

Configure Now

1. Plug your AP into a wall socket and wait for it to configure. Meraki takes some time to set up and you should be able to view it after configuration. In the event it is not, here are some troubleshooting tips. Once your WiFi is up and running, you can proceed to setting up your splash page here.





Secured



Secured



Secured



Secured



Secured



Secured

Network & Internet settings

Change settings, such as making a connection metered.



Wi-Fi



Airplane mode



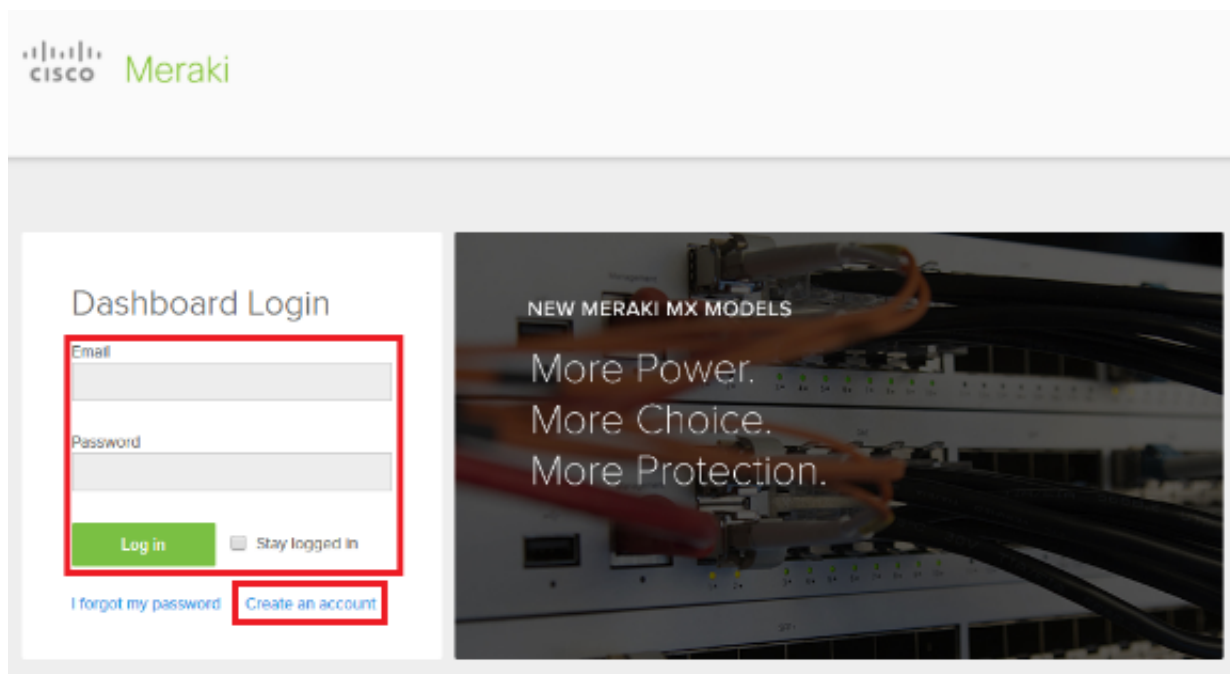
Mobile
hotspot

If the automated setup does not work, please refer to this manual setup guide found here.

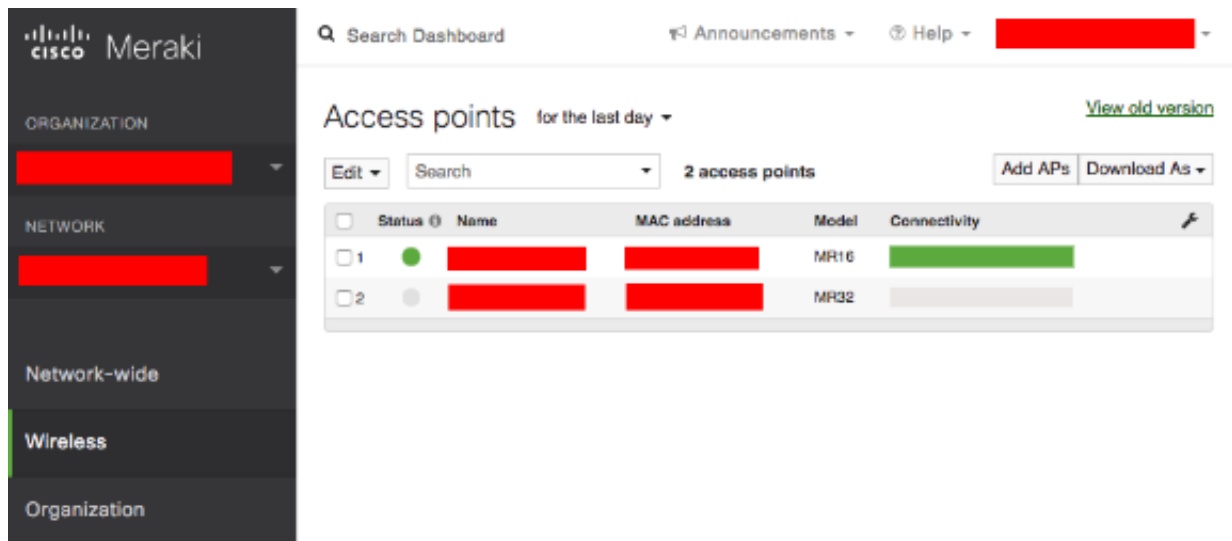
Aislelabs Flow integration with Meraki WiFi

Using Cisco Meraki for Anonymous Wi-Fi Location Analytics

1. Login to the Meraki online dashboard. Navigate to the organization where AP's are to be integrated with Flow. https://account.meraki.com/login/dashboard_login

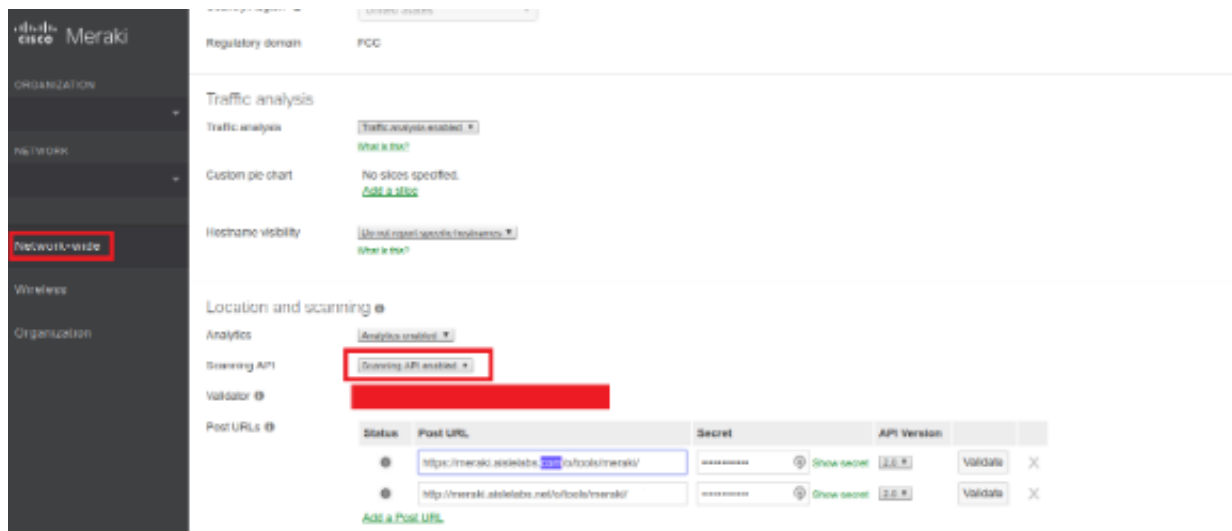


1. Ensure the AP's can be seen on the meraki dashboard. **Green** status implies the Meraki access point is up and running.



Navigate to “Wireless” -> “Access points”

1. Navigate to “Network-wide” -> “Configure” -> “General”, and look under **Scanning API**. Note down the **validator string** and send it to Aislelabs via email.



Aislelabs will provide you with an HTTP endpoint URL and a secret, which can be saved in the *Post URL* entry as per the attached screenshot above. **The URL should be HTTP not HTTPS because HTTPS is not reliable in some cases.**

Floor plans with AP locations and MAC addresses

Aislelabs' cloud-based location engine performs intelligent mobile triangulation based on the received raw data. In order to set the system up, please provide the following:

- Floor plans to scale of your property. Include the dimensions in meters or feet.
- Floor plans marked with individual AP location. Mark each AP with its MAC address.

Firewall and VPN

Since there is no incoming data coming in to your servers or network, often no changes are needed to the firewall or VPN.