

Unique Identifier (UID)

Background: It is critical to both Meraki's cloud platform strategy, and for our partners' insights, that we are able to measure customer adoption of our listed Marketplace Apps. To ensure accurate measurement of the health and performance of our ecosystem, **we require all technology partners to provide Meraki with unique identifiers** (user agent strings and FQDNs) for each of the integration methods used, including:

- [Dashboard REST API](#)
- [Captive Portal API](#)
- [Scanning Location API](#)
- [Webhook API](#)
- [MV Sense](#) / [MR MQTT](#) / [MT MQTT](#)

User Agents

[Dashboard REST API](#)

Instruction: When invoking dashboard API, it's best practice to provide a [custom user agent string](#) with each API request. This helps your customers and Meraki admins monitor API interactions with their environments and helps build their trust. In brief, here are some Dos and Don'ts with user agent strings!

Dos

1. Provide the user agent string in the "User-Agent" header of every API request.
2. Follow the prescribed format below, which differs minimally from standard practices.
3. Include only the requested information in your user agent string.
4. Only use slashes ("/") when optionally providing application version information.

Don'ts

1. Provide inconsistent or incorrect user agent strings across your application.
2. Leave out the user agent string from any of your requests.
3. Add unnecessary information or special characters to your user agent string.
4. Mix up slashes (e.g. "/") and backslashes (e.g. "\").

Formatting

Please format your user agent strings accordingly:

```
Python  
ApplicationName VendorName
```

Optional: If you want to include version information, do so as follows:

```
Python  
ApplicationName/1.0 VendorName
```

Note: You do not need to notify the Meraki Marketplace managers if your version number changes.

Important!

Regardless of your branding guidelines, **your application name and vendor name must omit all spaces, hyphens, and special characters.**

The order here is critically important. **Failure to follow this format will cause you to under-represent your application's reach.**

- Do not switch the order of ApplicationName and VendorName.
- Do not nest VendorName or ApplicationName inside arcane strings not relevant to this particular request.

Examples

Example 1

If your vendor name is *LunarBreeze* and your application is named *Quark Monitor*, and your version number is 1.0.2b, your user agent string should be:

```
Python  
QuarkMonitor/1.0.2b LunarBreeze
```

Example 2

If your vendor name is Happy-Rabbit Productions, and your application name is Burrow Finder, then use:

```
Python
```

```
BurrowFinder HappyRabbitProductions
```

Or if you want to use a version number:

```
Python
```

```
BurrowFinder/2.5 HappyRabbitProductions
```

The user agent string should match your software solution and be provided to Meraki as part of app onboarding.

[Additional details on User Agents are available here](#)

Fully Qualified Domain Names

Fully qualified domain names (FQDN) specify the location where captive portal API, scanning API, webhook API, or MQTT requests are sent. The FQDN must be a unique URL. Please **do not submit an IP address** since IP addresses can change overtime.

Example: `https://mycompanydomain.com`

In the event that you use a different FQDN for each customer deployment, we just need some single part of the string to be consistent and unique, preferably at the beginning or the end of the URL

Example: `https://mycompanydomain.com/{unique customer information}`

Examples for Each API

[Captive Portal API](#)

Provide Meraki with all fully-qualified domain names (FQDNs) used to configure and set customer splash URLs:

Custom splash URL

Or provide a URL where users will be redirected:

[What is this?](#)

Example submissions: mysplashdomain.com, https://meraki.io/customersplash

Scanning Location API

Provide Meraki with all fully-qualified domain names (FQDNs) used to configure and set customer scanning (location) API receiver URLs:

Post URLs ⓘ

Status ⓘ	Post URL	Secret	API Version	Radio Type
<input checked="" type="radio"/>	<input type="text" value="https://customerscanningreceiver.com/"/>	<input type="text" value="....."/> Show secret	V2 ⌵	WiFi ⌵

[Add a Post URL](#)

Example submissions: *myreceiver.com, https://customerscanningreceiver.com/

Webhook API

Provide Meraki with all fully-qualified domain names (FQDNs) used to configure and set customer webhook API receiver URLs:

Webhooks ⓘ

HTTP servers

Name	URL	Shared secret	Webhook tests
<input type="text" value="Customer receiver"/>	<input type="text" value="https://mywebhookrece"/>	<input type="text" value="....."/> show	<input type="text" value="Send test webhook"/> <input type="button" value="✕"/>

Example submissions: *mywebhookreceiver.com, https://mywebhookreceiver.com

MV Sense / MR MQTT / MT MQTT

Provide Meraki with all fully-qualified domain names (FQDNs) used to configure and set customer MQTT broker(s):

Edit MQTT Broker

Broker Name:

Host:

Port:

Security:

 None TLS

Example submissions: mymqttbroker.com, mymqttbroker.net