Meraki Integration

More complete device profile data can now be exchanged between Cisco Meraki Management Station and Lumeta Enterprise 3.3.4 and beyond.

How It Works

Prerequisites

1. The user generating the Meraki Management Station API access key must have organizational-level read access.

The Process

1. Configure the Meraki integration in Lumeta.

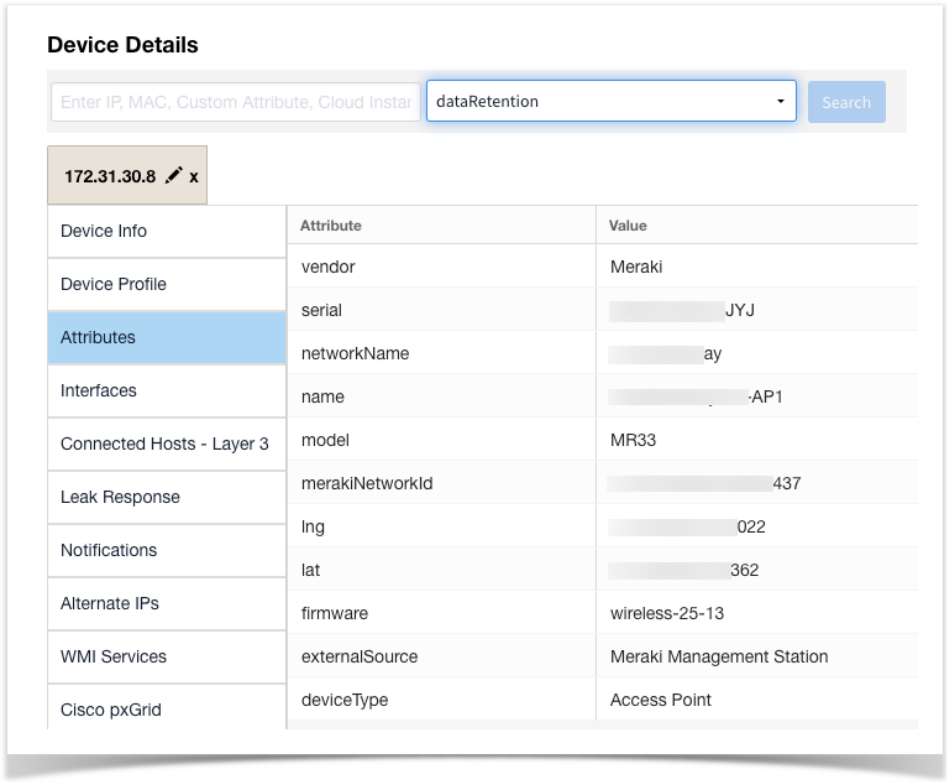
2. The Lumeta system calls the Meraki API and processes its responses.
3. Lumeta synthesizes the responses and then either creates or updates a device on Lumeta.

IF the device . . .	THEN . . .	AND . . .
Does not exist on Lumeta	Lumeta records the response with scan type "external" and adds the device to the Lumeta database.	Adds the attribute "externalSource" with the value "Meraki Management Station" Device becomes a discovery target and follows the same algorithm as though it were any device discovered in Lumeta.
Already exists on Lumeta	Lumeta retains the device. The response entry on Lumeta includes the Lumeta scan type (e.g., Host Discovery) and "external" for the Meraki scan type. Lumeta Device Details shows both Host and External as the discovery scan type.	

The Results

The responses from Meraki are used to enhance the interface information displayed in Lumeta Device Details, including:

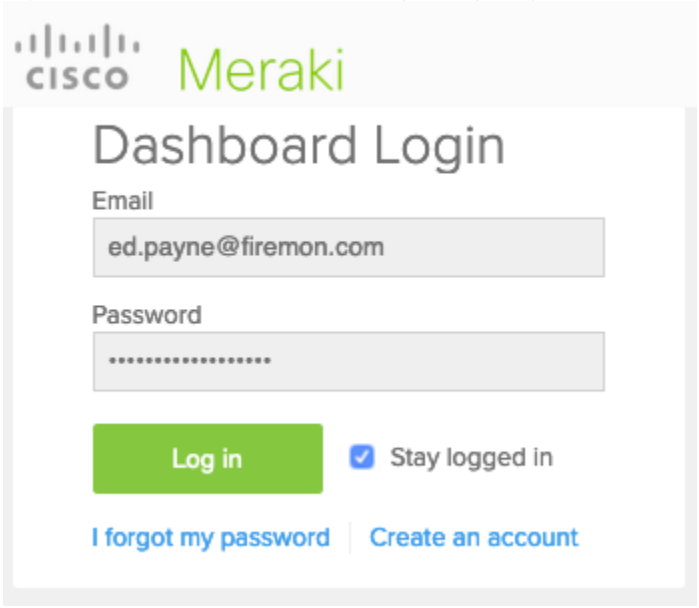
- Network - Including additional L3 switch data
- Devices - Additional information from Meraki has been added re MX* model security appliances
- Interface - Including port information from Meraki
- Meraki source identifier called out in Lumeta Device Details.
- Meraki-inflected device fingerprints, identification, and confidence-rankings.
- Meraki-sourced devices and CIDRs can be added to Lumeta Target List and Lumeta Eligible List.



Configure the Meraki Integration in Lumeta

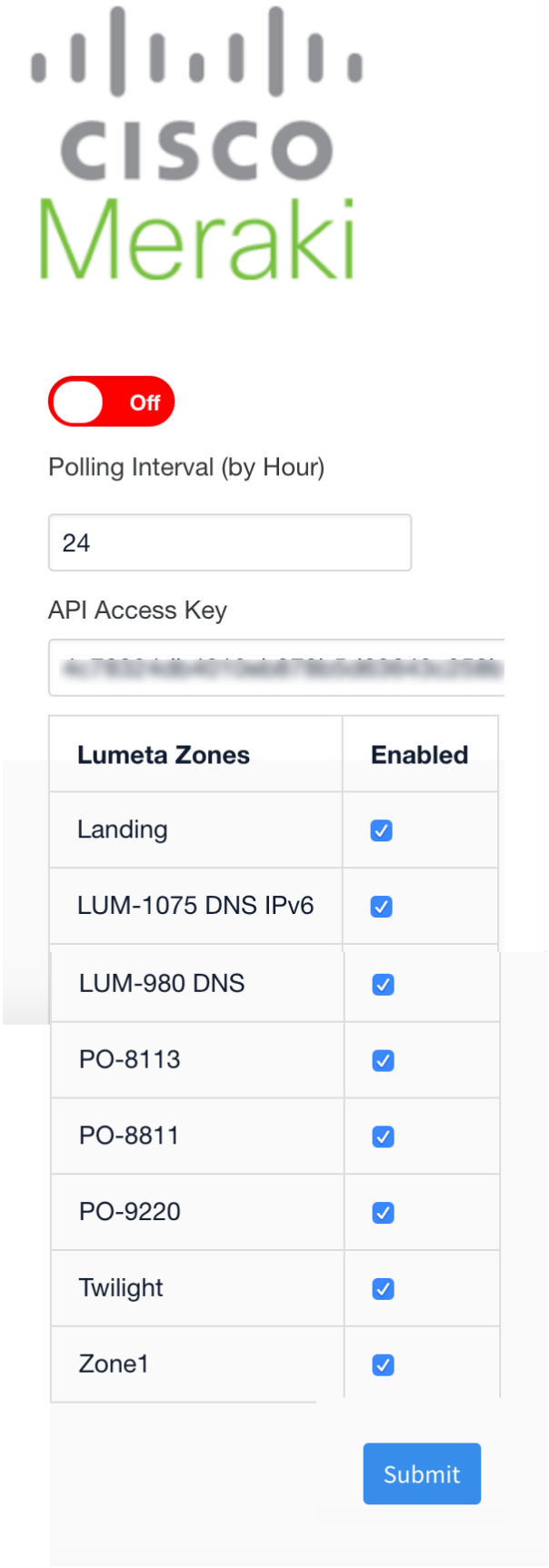
Meraki integration is be configured as follows:

1. Log in to Lumeta as an admin or user with superuser privileges.



2. On the main menu, browse to **Settings** > **Integrations** > **Other Solutions** > **Cisco Meraki.**

3. Complete the configuration form with a polling interval, API access key. Power on the integration only when you are ready to enable the connection.
   The checkboxes enable you to configure the integration to be zone-specific or to select all zones. However, FireMon strongly recommends that you select only one or two zones to avoid forcing the Lumeta system to create or update a found device in multiple zones.



4. Click **Submit** to save the configuration.

Meraki CLI

These commands will enable you to configure the Meraki integration via the Command-Line Interface.

1. system feed list meraki
2. system feed set meraki enabled [true | false] - Enable or Disable the Meraki integration
3. system feed set meraki pollInterval posInt - Set the polling interval
4. system feed set meraki key apiKey - Provide the API key to Meraki API
5. system feed set meraki zone zone [enable | disable] - Enable integration for the indicated zone