



Cisco Secure Cloud Analytics

Meraki Integration Quick Start Guide



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Cisco Secure Cloud Analytics Integration with Meraki

You can integrate Cisco Secure Cloud Analytics (formerly Stealthwatch Cloud) with the Meraki dashboard REST API to provide supplemental information in the Secure Cloud Analytics web UI about hosts in the monitored network. This includes the ability to resolve hostnames from an entity's IP address and view those hostnames in the Secure Cloud Analytics web UI when viewing an entity's information.



This integration does not provide NetFlow data from your Meraki deployment to Secure Cloud Analytics. To configure your network to pass NetFlow to Secure Cloud Analytics, see the [Initial Deployment Guide](#) for more information on configuring private network monitoring.

To integrate Meraki with Secure Cloud Analytics, take the following steps:

- Create a Meraki organization administrator or network administrator, then create an API key for that account.
- Upload the API key and organization or network name to the Manager to enable the integration.
- Deploy and configure a Cisco Secure Cloud Analytics sensor (formerly Stealthwatch Cloud Sensor) to pass NetFlow to Secure Cloud Analytics.

For more information on Meraki, see <https://meraki.cisco.com/>.

Generating a Meraki Administrator Account API Key

To allow access to the network or organization that Meraki monitors, create a network or organization administrator account with read-only privileges, then generate an API key for that account. Secure Cloud Analytics uses this read-only account to retrieve information for the organization or network.

Generate a Meraki administrator account API key:

Before You Begin

- Log into the Meraki dashboard as an administrator.

Procedure

1. You have the following options:
 - Create an organization administrator with read-only privileges to the organization you want to monitor. See https://documentation.meraki.com/zGeneral_Administration/Managing_Dashboard_Access/Managing_Dashboard_Administrators_and_Permissions#Adding_an_Organization_Admin for more information.
 - Create a network administrator with read-only privileges to the networks you want to monitor. See https://documentation.meraki.com/zGeneral_Administration/Managing_Dashboard_Access/Managing_Dashboard_Administrators_and_Permissions#Adding_a_Network_Admin for more information.
2. Log out of the Meraki dashboard.
3. Log into the Meraki dashboard as the administrator you created.
4. Select **My Profile > Generate API Key** to generate an API key for the account. See https://documentation.meraki.com/zGeneral_Administration/Other_Topics/The_Cisco_Meraki_Dashboard_API for more information.
5. Copy the API key into a text editor.

Uploading the Meraki API Key to the Secure Cloud Analytics Web UI

After you generate the API key for the Meraki administrator account, upload the API key and the organization or network name to the Secure Cloud Analytics web UI to complete the integration.

Upload the Meraki API key to the Secure Cloud Analytics web UI:

Before You Begin

- Log in to your Secure Cloud Analytics web UI as an administrator.

Procedure

1. Select **Settings > Integrations > Meraki**.
2. Click **New Integration**.
3. Paste the **API Key** from the text editor.
4. Enter the **Organization Name** if you want to monitor an organization.
5. Enter the **Network Name** if you want to monitor a network.
6. Click **Create**.

Sensor Deployment

To complete your Meraki integration, deploy a sensor to your network to pass NetFlow to Secure Cloud Analytics. To configure your network to pass NetFlow to Secure Cloud Analytics, see the [Initial Deployment guide](#) for more information on configuring private network monitoring.



Meraki firmware version 14.50 aligns Meraki log export format with NetFlow format. If your Meraki device runs firmware version 14.50 or greater, configure your sensor with a **Probe Type** of `NetFlow v9` and a **Source** of `Standard`. If your Meraki device runs a firmware version older than 14.50, configure your sensor with a **Probe Type** of `NetFlow v9` and a **Source** of `Meraki MX (below ver. 14.50)`.

Meraki Integration Verification

After you configure private network monitoring and upload the Meraki administrator account API key, the Secure Cloud Analytics web UI displays an entity's hostname instead of IP address, if it is available.



Wait up to ten minutes for Secure Cloud Analytics to start displaying entity hostnames. If the system does not display hostnames, contact [Cisco Support](#) for assistance.

Additional Resources

For more information about Secure Cloud Analytics, refer to the following:

- <https://www.cisco.com/c/en/us/products/security/stealthwatch-cloud/index.html> for a general overview
- <https://www.cisco.com/c/en/us/products/security/stealthwatch/stealthwatch-cloud-free-offer.html> to sign up for a 60-day Free Trial
- <https://www.cisco.com/c/en/us/support/security/stealthwatch-cloud/tsd-products-support-series-home.html> for documentation resources
- <https://www.cisco.com/c/en/us/support/security/stealthwatch-cloud/products-installation-guides-list.html> for installation and configuration guides, including the Secure Cloud Analytics Initial Deployment Guide

Contacting Support

If you need technical support, please do one of the following:

- Contact your local Cisco Partner
- Contact Cisco Support
- To open a case by web: <http://www.cisco.com/c/en/us/support/index.html>
- To open a case by email: tac@cisco.com
- For phone support: 1-800-553-2447 (U.S.)
- For worldwide support numbers:
<https://www.cisco.com/c/en/us/support/web/tsd-cisco-worldwide-contacts.html>
- For Secure Cloud Analytics Free Trial customers, open a case by email: swatchc-support@cisco.com

Change History

Revision	Revision Date	Description
1.0	15 January 2019	Initial version.
1.1	11 July 2019	Clarified integration details.
1.2	4 September 2020	Added information about required sensor deployment.
1.3	16 October 2020	Updated based on UI updates.
1.4	22 October 2020	Updates for Meraki firmware update.
2.0	3 November 2021	Updated product branding.
2.1	4 August 2022	Added Contacting Support section.
2.2	17 February 2023	Updated Meraki sensor settings.

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