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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:

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 email: [tac@cisco.com](mailto:tac@cisco.com)
- For phone support: 1-800-553-2447 (U.S.)
- For Secure Cloud Analytics Free Trial customers, open a case by email: [swatchc-support@cisco.com](mailto:swatchc-support@cisco.com)
## Change History

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