

Securing Enterprise Networks with Cisco Meraki



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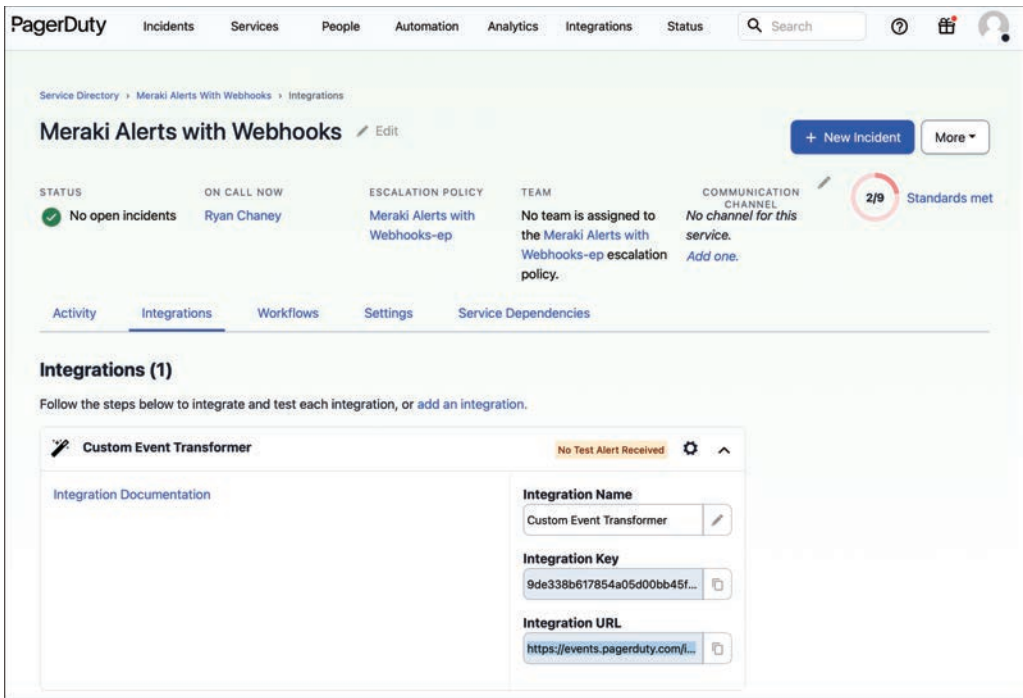


Figure 6-67 The Meraki Alerts with Webhooks Page in the Service Directory

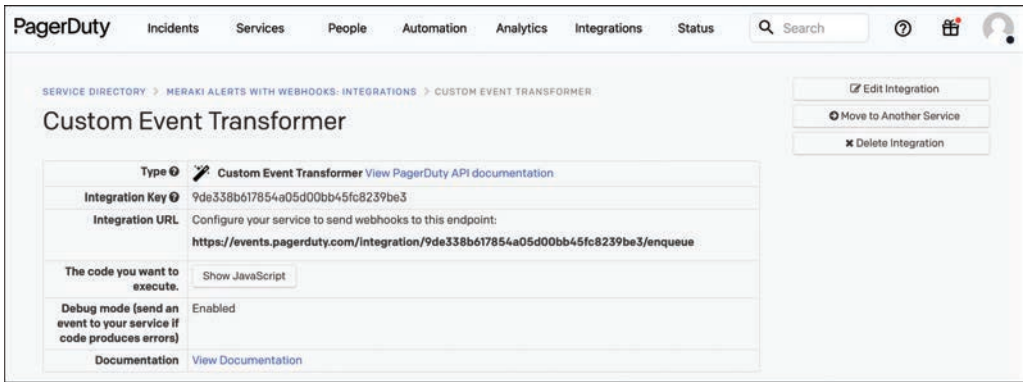


Figure 6-68 Navigating to the Edit Integration Page in PagerDuty

Step 9. Replace the code in the text field under the **Show JavaScript** button with the code starting with **// Consume Meraki Alert via Webhook** (see Figure 6-69) from the following URL: <https://developer.cisco.com/meraki/build/meraki-alerts-with-pagerduty/>. Click **Save Changes**.

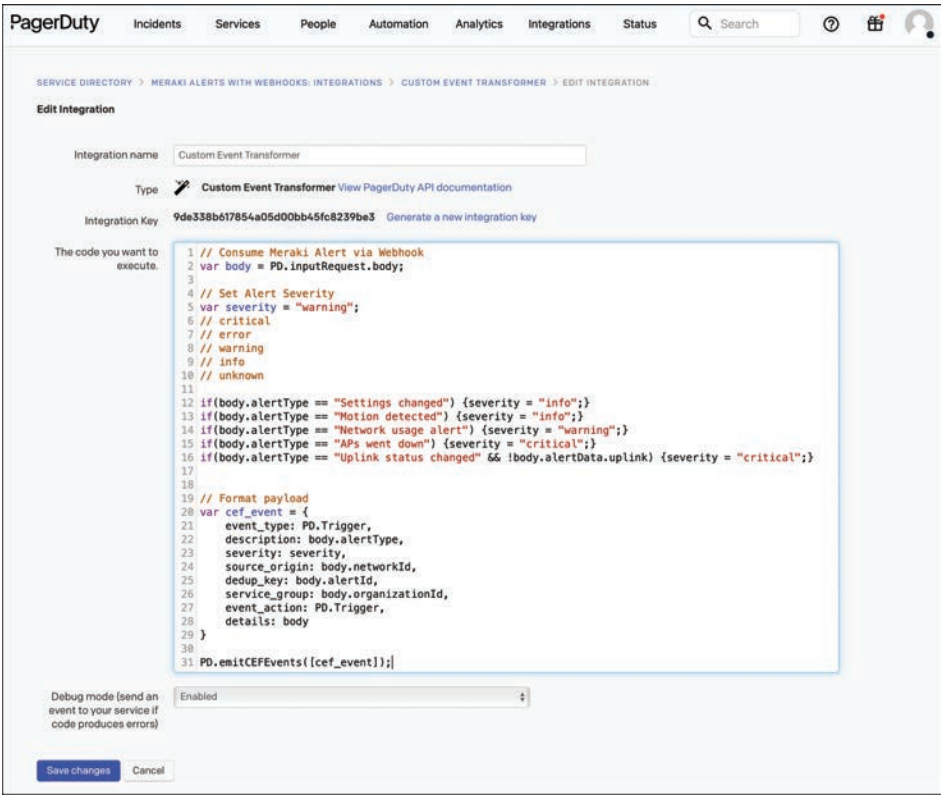


Figure 6-69 Inserting the Required JavaScript into the Edit Integration Page in PagerDuty

Step 10. Click Meraki Alerts with Webhooks: Integrations. If you named the integration something else, click the name you used; it appears after Service Directory, as shown in Figure 6-70.

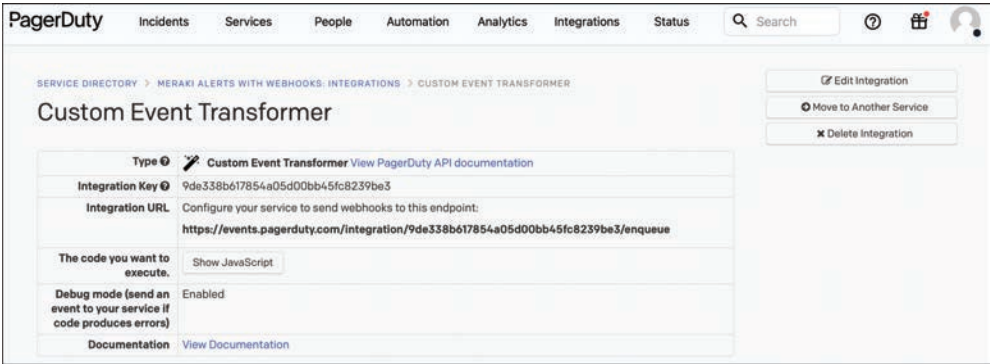


Figure 6-70 The Custom Event Transformer Page for the Meraki Integration in PagerDuty

Step 11. Using the expand icon, expand the **Custom Event Transformer** box under the **Integrations** heading. Doing so reveals the **Integration Name**, **Integration Key**, and **Integration URL**, as shown in Figure 6-71. Keep this browser tab open because you need to copy **Integration Key** and **Integration URL** in a later step.

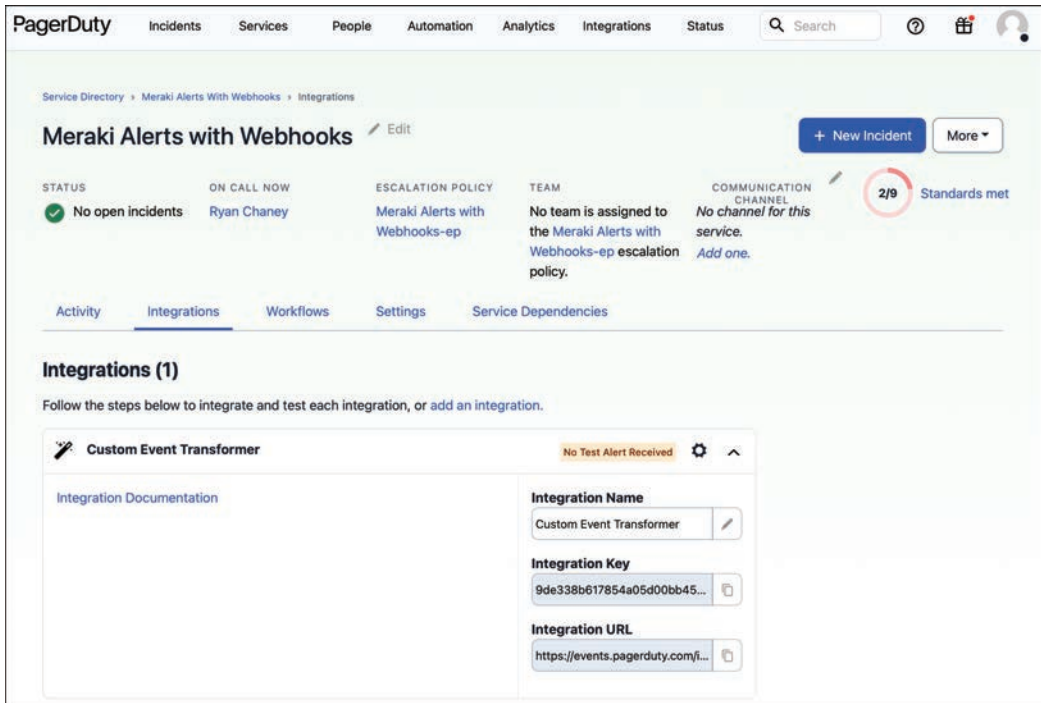


Figure 6-71 The *Integration Key* and *Integration URL* for the Meraki Service in PagerDuty

- Step 12.** It's time to switch gears now and move onto configuring Meraki Dashboard. Open a new tab in your web browser and log in to Meraki Dashboard (<https://dashboard.meraki.com>).
- Step 13.** Navigate to **Organization > API & Webhooks** (under **Configure**), as shown in Figure 6-72.
- Step 14.** Click **Add Webhook Receiver**, as shown in Figure 6-73.
- Step 15.** Click **Add Receiver**, as shown in Figure 6-74.

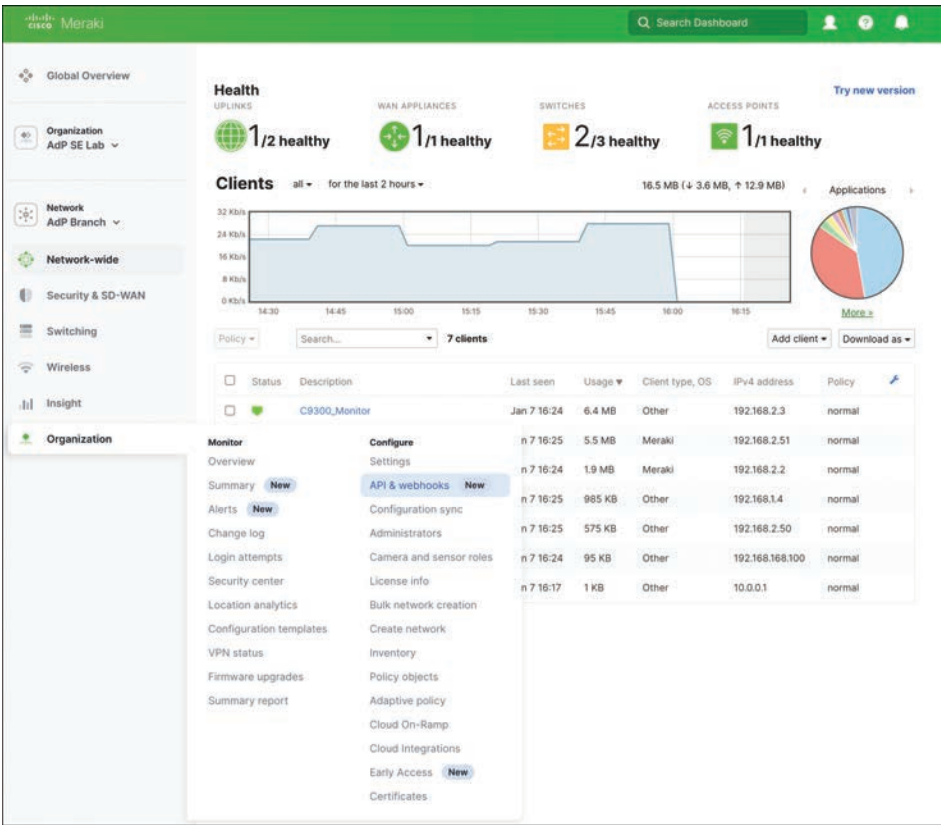


Figure 6-72 Navigating to the API & Webhooks Page in Meraki Dashboard (Webhooks Example)

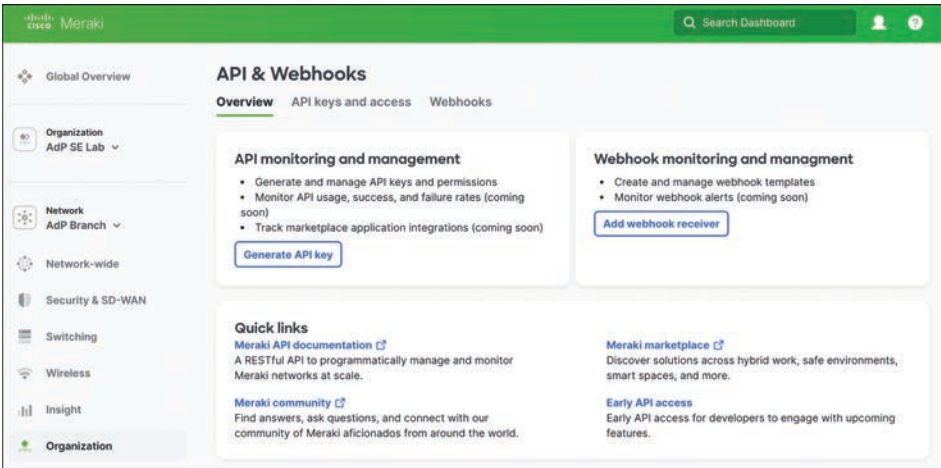


Figure 6-73 Navigating to the Webhook Receiver Page in Meraki Dashboard

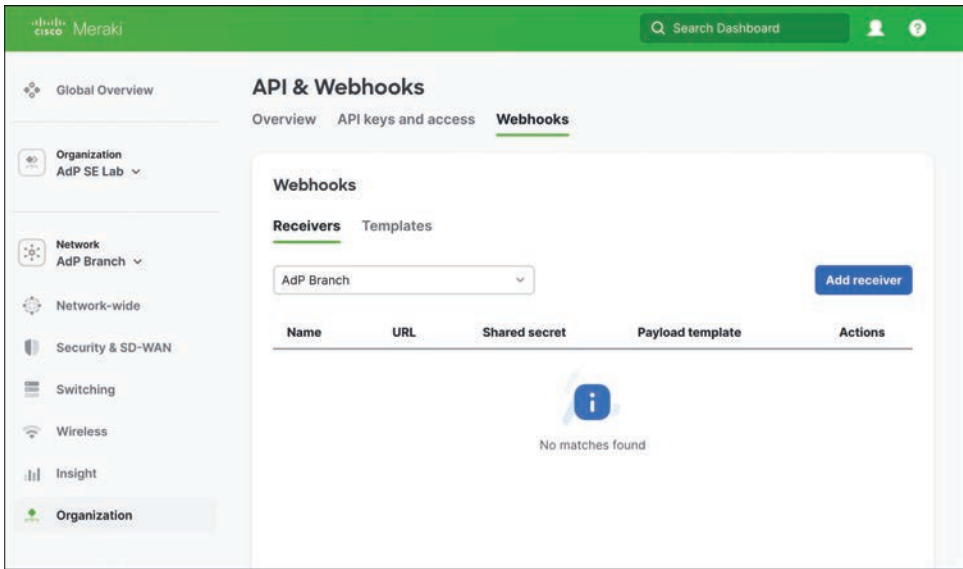


Figure 6-74 Adding a Webhook Receiver in Meraki Dashboard

Step 16. On the screen shown in Figure 6-75, enter the following:

- **Name:** This name describes this webhook receiver. In this case, we've used PagerDuty.
- **URL:** This is the URL where the webhook messages are sent. In PagerDuty, copy the URL from the **Integration URL** field on the **Meraki Alerts with Webhooks Integrations** page from Step 11.
- **Shared Secret:** In PagerDuty, copy the key from the **Integration Key** field on the **Meraki Alerts with Webhooks Integrations** page from Step 11.

Click **Save**.



Figure 6-75 Entering the Configuration Parameters for the PagerDuty Webhook in Meraki Dashboard

Step 17. The final required step is to configure the alerts that will trigger the webhook notification to PagerDuty.

Staying in Dashboard, navigate to **Network-wide > Alerts**. In the future, you will also be able to configure alerts at the organizational level (**Organization > Settings**), but this capability is not available yet. For now, trigger the webhook whenever any alert is triggered. To do this, all you need to do is add the webhook as a default recipient. In the **Default Recipients** field, add **Webhook: [Webhook Name]**—in this case **Webhook: PagerDuty**, as shown in Figure 6-76.

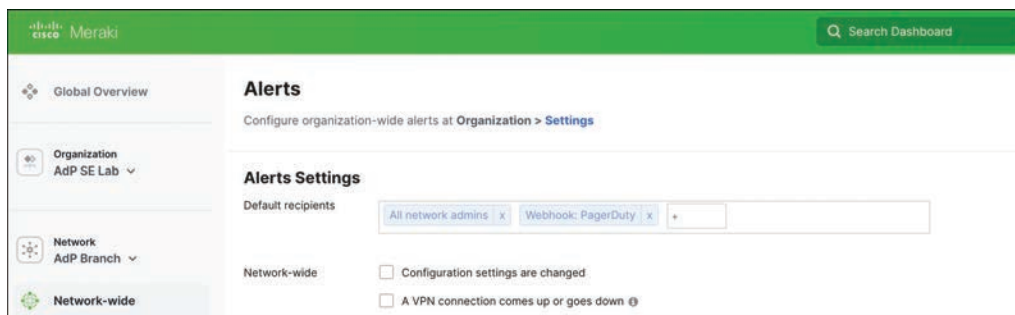


Figure 6-76 Adding a Webhook Receiver as a Default Recipient for Alerts in Meraki Dashboard

At this point, you've completed the configuration of alerting using a webhook in Meraki Dashboard.

To verify this webhook is working, you can either trigger an alert that notifies the default recipients or scroll down to **Webhooks** and click **Send Test Webhook**. You also can send webhook tests by navigating to **Organization > API & Webhooks > Webhooks** and clicking **Send Test** from the **Options** drop-down menu, as shown in Figure 6-77. Sending a test from either location displays a success message if the test is successful.

Note If you have configured your email address and mobile number in PagerDuty, you will receive an automated phone call, an SMS, and an email when the test is successful.

In PagerDuty, on both the **Service Integrations** and **Incidents** pages, you can see the history of the notifications being triggered through the API integration (see Figure 6-78).

Now that you've completed the setup and verification of webhooks in Meraki Dashboard, we hope you are excited about all the potential use cases you can dream up for this modern capability.