

Configure and Verify Alarm Notifications from Catalyst SD-WAN Manager to Webex Application

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Introduction

This document describes how to enable alarm notifications from Cisco SDWAN-Manager to be sent via webhook to Cisco Webex Teams channel.

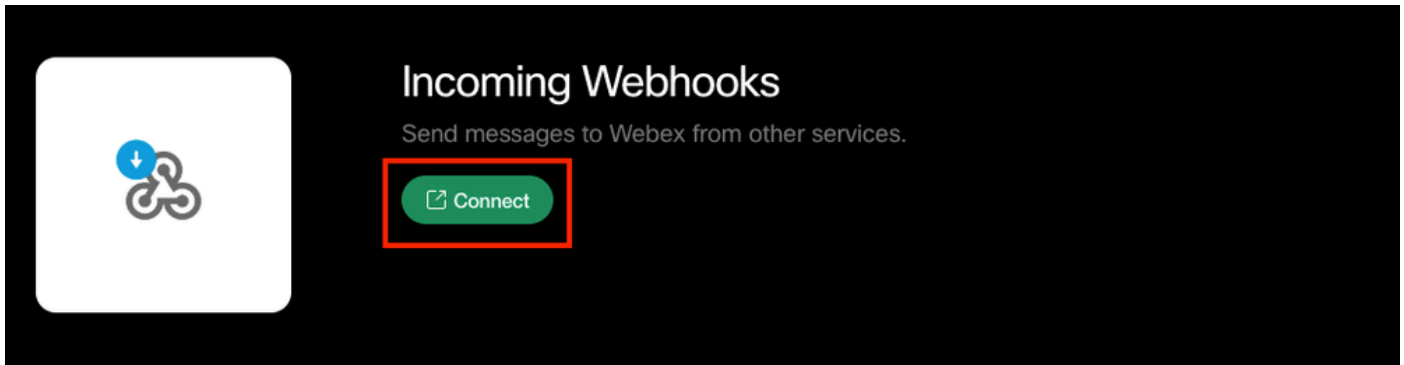
Prerequisites

Requirements

Create webhook URL endpoint

Create the incoming webhook for Cisco Webex from <https://apphub.webex.com> in order to configure Cisco SDWAN-Manager alarm notifications to be sent to Cisco Webex Teams channel.

1: Click on the **Connect**.



Integration by [Cisco Systems](#)

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Incoming webhooks let you post messages in Webex spaces when an event occurs in another service that supports webhooks. Webhook events trigger in near real-time allowing your Webex spaces to stay in sync with events happening outside of Webex.

The incoming webhook URL expects an HTTP request with a JSON payload which includes the message in either a plaintext field or Markdown-formatted field.

```
curl -X POST -H "Content-Type: application/json" \
-d '{"text": "This is a message from a Webex incoming webhook."}' \
"https://webexapis.com/v1/webhooks/incoming/<incoming_webhook_url>"
```

```
curl -X POST -H "Content-Type: application/json" \
-d '{"markdown": "This is a formatted message from a Webex incoming webhook."}' \
"https://webexapis.com/v1/webhooks/incoming/<incoming_webhook_url>".
```

2: Create a Webhook name and a new space (ex: Webhook Notification) in Webex. Then, select the Webhook Notification space from the drop-down menu and click **ADD**.

Webhook name

Notification

Select a space

Webhook Notification

Add

3: **Webhook URL** endpoint is created.

Incoming Webhooks

Notification

Room: Webhook Notification



Webhook URL

https://webexapis.com/v1/webhooks/incoming/Y2lzY:



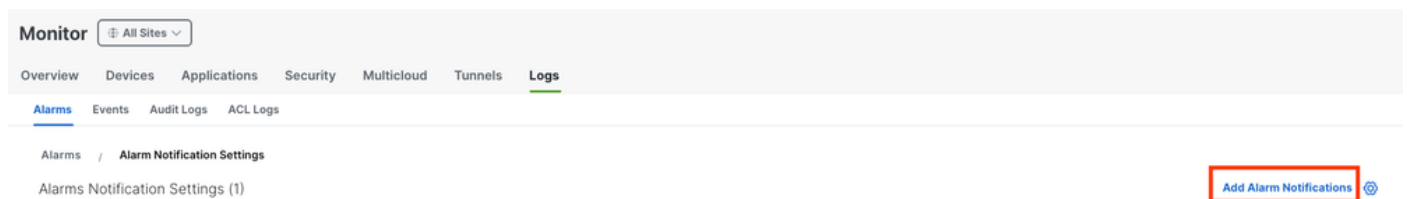
Components Used

This document is based on these software and hardware versions.

- Cisco Catalyst SD-WAN Manager version 20.15.3.1




Configure

1. On the Cisco SD-WAN Manager menu. Navigate to **Monitor > Logs > Alarms > Alarm Notifications > Add Alarm Notifications**.



- **Notification:** Created the name for Notification.
- **Alarm Type:**
 - **Object Type:** Select Devices.
 - **Object List :** select ALL or individual devices.
 - **Severity:** All.
 - **Types:** All or Select which are needed.
- **Delivery Method:**
 - Select WebHook.
- **Choose a Channel for Webhook :**
 - From drop down menu, select **Cisco Webex**.
- **WebHook URL:** Copy URL from **Incoming Webhooks APP**.

Incoming Webhooks

Notification	Room: Webhook Notification	^
 Webhook URL		
<div>https://webexapis.com/v1/webhooks/incoming/Y2lzY:</div> <div></div>		
Notification	Room: Webhook Notification	v
Notification	Room: Webhook Notification	v

- **Webhook Threshold:** 4
- Click **Add Notifications** when you are finished.

Add Alarm Notifications



All fields are required unless otherwise indicated as optional.

Notification Name

Alarm Type

Object Type

Object List

Severity

Types

Delivery Method

☐ Email☒ WebHook

Choose a Channel for Webhook:

WebHook URL

[Hide](#)

WebHook Threshold

[Cancel](#)[Add Notification](#)

Verify

- Verify that the alarm notification is forwarded to the Cisco Webex Teams channel (Channel name: "Webhook Notification").

[New messages](#)

Notification 4:04 PM

Rule Name: security-vedge-serial-file-uploaded**Time:** 22:04:06 Nov 7 2025 (GMT)**Severity:** Critical**Message:** vEdge serial file uploaded**Type:** (Security)security-vedge-serial-file-uploaded**Impacted Sites/Hosts List:** SITE_101019(vmmanage_1)**Rule Name:** security-vedge-serial-file-uploaded**Time:** 22:04:10 Nov 7 2025 (GMT)**Severity:** Critical**Message:** vEdge serial file uploaded**Type:** (Security)security-vedge-serial-file-uploaded**Impacted Sites/Hosts List:** SITE_101011(vsmart-west)**Rule Name:** security-vedge-serial-file-uploaded**Time:** 22:03:58 Nov 7 2025 (GMT)**Severity:** Critical**Message:** vEdge serial file uploaded**Type:** (Security)security-vedge-serial-file-uploaded**Impacted Sites/Hosts List:** SITE_101015(vbond-west)**Rule Name:** security-vedge-serial-file-uploaded**Time:** 22:04:16 Nov 7 2025 (GMT)**Severity:** Critical**Message:** vEdge serial file uploaded**Type:** (Security)security-vedge-serial-file-uploaded**Impacted Sites/Hosts List:** SITE_102015(vbond-east)

Seen by



Troubleshoot

If there is any issue with the webhook integration, check the logs. Log in to the Cisco SDWAN-Manager shell, go to `cd /var/log/nms` directory and check the `vmmanage-server.log` file.

Working Example :

- If you receive a **204** status code, this means webhook was successfully delivered and processed.

```
vmmanage_1# vsh
vmmanage_1::~$ cd /var/log/nms
vmmanage_1:/var/log/nms$ tail -f vmmanage-server.log | grep webhook
[] [vmmanage_1] [NotificationsConsumer] (pool-53-thread-9) || Response status code after sending webhook
[] [vmmanage_1] [NotificationsConsumer] (pool-53-thread-11) || Response status code after sending webhook
[] [vmmanage_1] [NotificationsConsumer] (pool-53-thread-10) || Response status code after sending webhook
[] [vmmanage_1] [NotificationsConsumer] (pool-53-thread-12) || Response status code after sending webhook
```

Not Working Example:

- If you receive a **404** response code, this means the endpoint URL is not correct.

```
vmanage_1:/var/log/nms$ tail -f vmanage-server.log | grep webhook
```

```
[] [vmanage_1] [NotificationsConsumer] (pool-53-thread-13) || Response status code after sending webhook
```

```
[] [vmanage_1] [NotificationsConsumer] (pool-53-thread-14) || Response status code after sending webhook
```

```
[] [vmanage_1] [NotificationsConsumer] (pool-53-thread-15) || Response status code after sending webhook
```

```
[] [vmanage_1] [NotificationsConsumer] (pool-53-thread-1) || Response status code after sending webhook
```

Related Information

[Technical Support & Documentation - Cisco Systems](#)