CISCO SYSTEMS - CX CENTERS ENTERPRISE NETWORKING



Technote of the day (TOTD) -- How to setup & test Event Subscriptions for Email & REST endpoints?

Prepared for: Cisco DNA Customer, Solutions Support

Prepared by: Tomas de Leon, Technical Leader

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HOW TO SETUP & TEST EVENT SUBSCRIPTIONS FOR EMAIL & REST ENDPOINTS?

Feature: Events and Subscriptions

Objective

The objective of this document is to provide users an example of configuring Event Notification Subscriptions for Email & Rest API destinations. This is only one example of the possible configuration scenarios.

Goals

Provide a working example of configuring and testing Event Notifications and Subscriptions using Email & Rest API destinations.

Depending on your deployment and configuration choices, your configuration setup may be different. Also, remember that in my example, I am using a Public site for my test destinations. So use caution and please refer to your Data Protection Policies before testing to public sites.

The following technote is written against the Cisco DNA Center version 2.1.1.0 Limited Release. The following technote is written to help answer the question in regards to configuring & testing the Cisco DNA Center Event Notification Feature.

Reference Information:

- Cisco DNA Center version 2.1.1.0
- Webhook.site (REST API Webhook Test Site) https://webhook.site/

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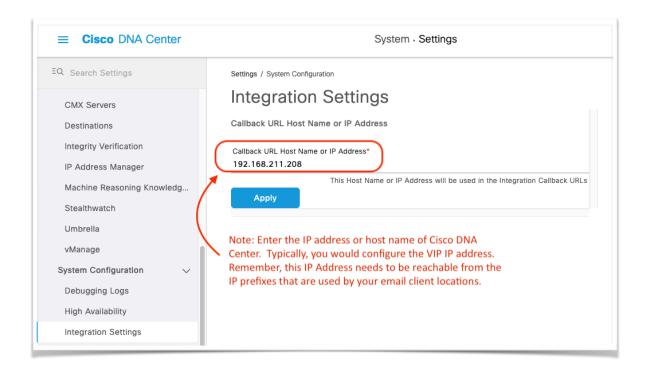
WORK WITH EVENTS

You can subscribe to specific events that may occur in your network. After your subscription, if the event does occur you will receive a notification by email, webhook (REST API), or SNMP trap. You subscribe to an event by using the Events window in the Cisco DNA Center platform GUI. For this technote, I will only be giving and example of email & webhook (REST API). The SNMP trap method is self explanatory.

Note: Email notifications are near real-time and are neither batched nor scheduled, they use predefined email templates that cannot be customized by the user. Additionally, the underlying priority of the event does not affect when the notification is sent out. For example, an event with a severity of 1 is not sent out sooner than an event with a severity of 3. To prevent multiple issues being triggered, there is also a supported suppression time interval. If the same issue (event) occurs within the suppression time interval, a second notification will not be sent. If the same issue occurs outside of the suppression time interval, then another notification is sent. The issue suppression time interval is also predefined and cannot be configured by the user.

Before you begin...

Important: For the emails to have the correct Cisco DNA Center hyper-link, enter the IP address or host name of the Cisco DNA Center in the Integrations Settings window. To enter this information using the GUI, click the Menu\Navigation Icon > System > Settings > System Configuration > Integration Settings.



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Note: Enter the IP address or host name of the Cisco DNA Center. Typically, you would configure the VIP IP address. Remember, this IP Address needs to be reachable from the IP prefixes that are used by your email client locations.

CONFIGURE AN EMAIL DESTINATION

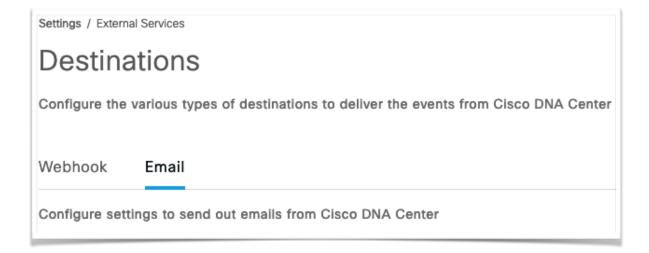
Cisco DNA Center supports email notification for both events and reports. This Technote will focus on the event notifications feature. With Cisco DNA Center version 2.1.1.0, there is a new Navigation Menu and enhancements to the layout of the System Settings UI pages. In previous Cisco DNA Center releases, there was an "Email Configuration" section. This has changed in version 2.1.1.0. The External Services "Destinations" section is where you configure the various types of destinations to deliver the events from Cisco DNA Center.

Note: Emails are sent out from Cisco DNA Center using the SMTP protocol. Cisco DNA Center only supports clear text SMTP for email event notifications. *If you use an email server that requires SSL/TLS support, you will not be able to receive the email event notifications.*

Perform the following steps to configure an email destination for events or reports using the Cisco DNA Center GUI.

Step 1

In the Cisco DNA Center GUI, click the Menu\Navigation Icon > System > Settings > External Services > Destinations > Email.



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Configure the SMTP Server Configuration fields. Options include the following:

Primary SMTP Server (Required):

Hostname/IP address: (Required)

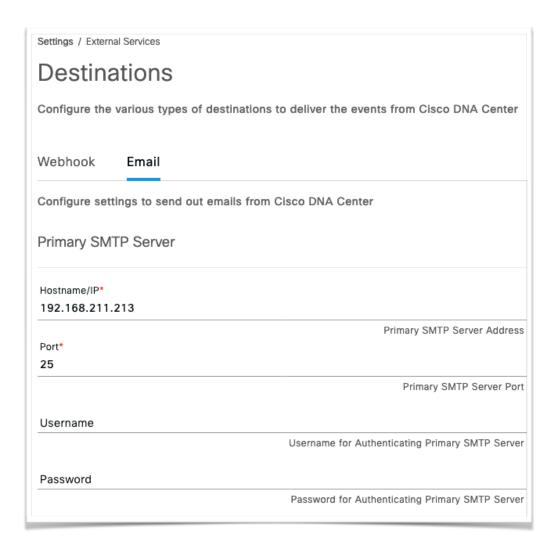
Hostname or IP address of the primary SMTP server.

Port number: (Required) Port number of the server.

Username: Username required to access server.

Password: Password required to access server.

Confirm Password: Reenter password to access server.



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(Optional) Configure the Secondary SMTP Server Configuration fields. Options include the following:

Secondary SMTP Server (optional)

Hostname/IP address: Hostname or IP address of the secondary SMTP server.

Port number: Port number of the server.

Username: Username required to access server.

Password: Password required to access server.

Confirm Password: Reenter password to access server.

Step 4

(Required) Configure the Senders and Receivers test email fields. Options include the following:

Senders and Receivers:

From: (Required) Sender of test email.

To: (Required) Recipient of test email.

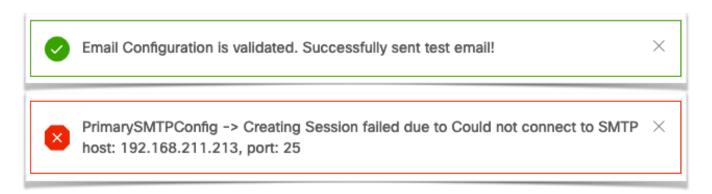
Subject: (Required) Enter text (maximum of 200 characters) for a subject line for the test email.

Sender and Receivers	
From*	
netadmin@dna.local	
	Sender's Email for Test
To*	
callhome-event-notify@dna.local	
	Receiver's Email for Test
Subject*	
Cisco DNA Center - Event Notifier for Test Emails	
	Subject of Email for Test

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Click Test to test the email configuration.

Once the Test button is clicked, a test email is sent using the parameters configured (for both primary and secondary SMTP Server settings with subject line as "Subject of the Email Test" that you configured. A success message ("Email Configuration is validated. Successfully sent test email!") or failure message ("PrimarySMTPConfig -> Creating Session failed due to Could not connect to SMTP host") should appear depending the test email connectivity results.



Step 6

Click Save to save the configuration.

Click Cancel to cancel the configuration.



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CONFIGURE AN WEBHOOK DESTINATION

Cisco DNA Center supports a webhook destination for both events and reports. This Technote will focus on the event notifications feature. With Cisco DNA Center version 2.1.1.0, there is a new Navigation Menu and enhancements to the layout of the System Settings UI pages. In previous Cisco DNA Center releases, there was an "Email Configuration" section. This has changed in version 2.1.1.0. The External Services "Destinations" section is where you configure the various types of destinations to deliver the events from Cisco DNA Center.

Before you begin...

To complete this Webhook Destination configuration procedure, you will need a target destination to send event notifications using the Webhook Rest API. For this technote, I will use an example of a Webhook Destination from the Site:

Webhook.site (REST API Webhook Test Site)

https://webhook.site/

Note: When you access the Webhook site, you will be provided a unique URL and unique email address. The unique URL will be used for your Webhook Destination & REST Endpoint. The unique email address will be used for your Email Endpoint.

For Example:

Your Main Site https://webhook.site/#!/f6dced27-9b2e-4d76-9e40-df21eccae9d2
Your unique URL https://webhook.site/f6dced27-9b2e-4d76-9e40-df21eccae9d2
Your unique email address f6dced27-9b2e-4d76-9e40-df21eccae9d2@email.webhook.site

Webhook.site allows you to easily test, inspect, forward and create Custom Actions for any incoming HTTP request or e-mail. What's a webhook Any request or email sent to these addresses are logged here instantly — you don't even have to refresh!								
Your ur	nique URL							
http	os://webhook	.site/f6dced	127-9b2e-4d	d76-9e40-df2	21eccae9d2	2 🤰 Copy to clipbos	ard C Open in new tab	
Your ur	nique email addr	ess						
f6dc	ed27-9b2e-4	d76-9e40-df2	?1eccae9d2@	email.webh	ook.site	Copy to clipboard	✓ Open in mail client	

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Perform the following steps to configure a webhook destination for events or reports using the Cisco DNA Center GUI.

Step 1

In the Cisco DNA Center GUI, click the Menu\Navigation Icon > System > Settings > External Services > Destinations > Email.

Settings / External Services

Destinations

Configure the various types of destinations to deliver the events from Cisco DNA Center

Webhook Email

Configure the REST Endpoint to receive Audit logs and Events from Cisco DNA Center

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Review the Webhook tab.

Webhook Tab

The following fields are displayed:

Name: Name of the webhook.

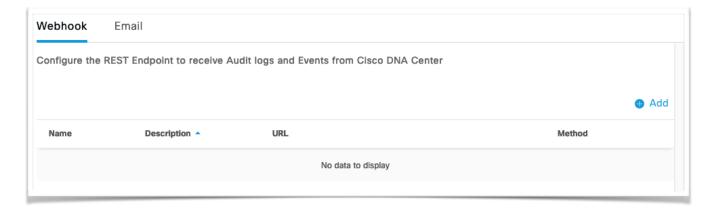
Description: Description (user provided) of the webhook.

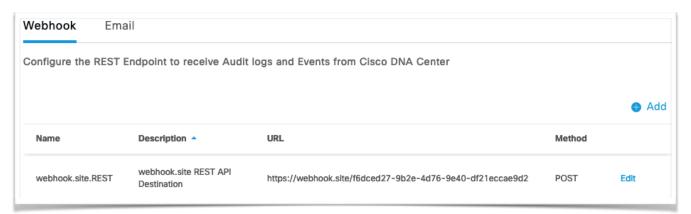
URL: URL of webhook (callback URL).

Method: REST API method of webhook (POST).

Edit: Link that opens field to edit the configured webhook fields. After editing the webhook

configuration, click Update to save your changes.

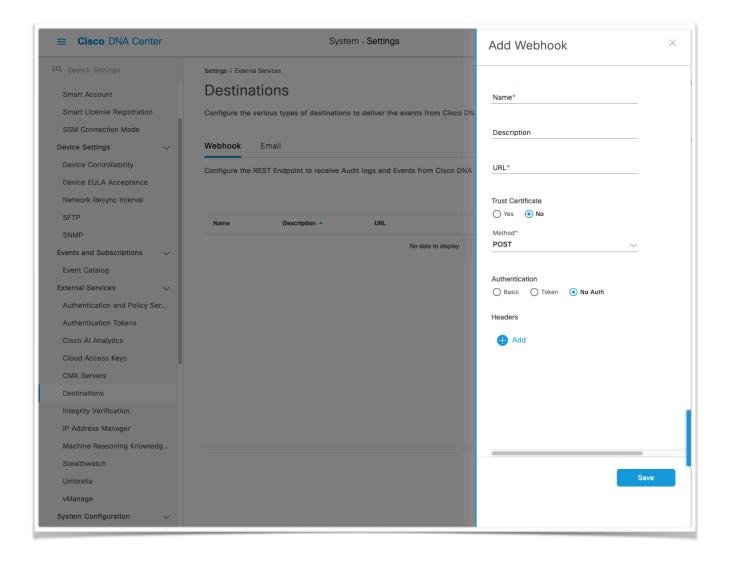




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Click the Add link/icon to configure a webhook.

An Add Webhook slide-in pane opens.



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Enter values in the fields in the Add Webhook slide-in pane to configure the webhook.

Add Webhook

Name: Name of the webhook.

Description: Description (user provided) of the webhook.

URL: URL of webhook (callback URL).

Method: REST API method of webhook (POST).

Step 5

Choose whether a trust certificate is associated with the webhook URL.

Depending upon your webhook configuration, with the Trust Certificate field click Yes or No.

For this Technote use:

Trust Certificate: (NO)

Step 6

Choose the authentication type associated with your webhook URL.

Depending upon your webhook configuration, within the Authentication field click one of the following:

Basic: Authentication where the client sends HTTP requests with the Authorization header that contains the word 'Basic', followed by a space and a base64-encoded string 'username:password'. If you select Basic in the GUI, the Header Key field below enters the value Authorization.

Token: Authentication where users are authenticated using a security token provided by the server. If you select Token, the Header Key field below enters the value X-Auth-Token.

No Authentication: No authentication needed.

For this Technote use:

Authentication: (No Auth)

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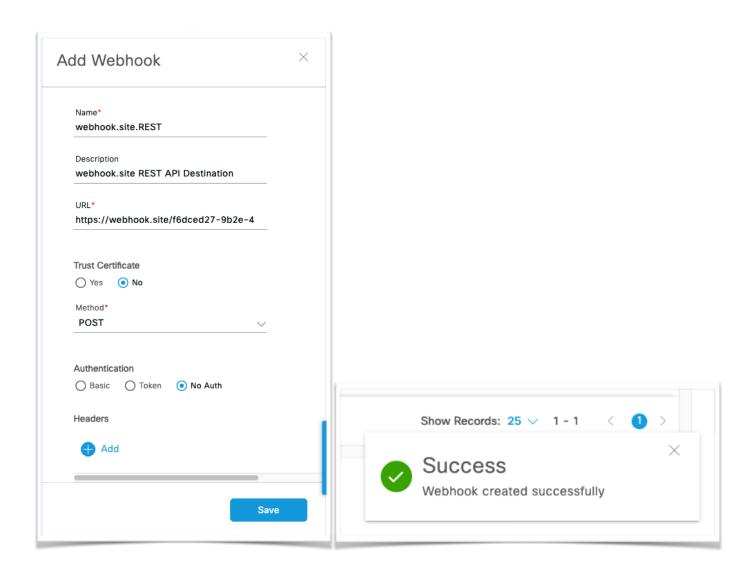
Within the Headers field, enter values for the Header Name and Header Value.

Click Add to add the header name and value.

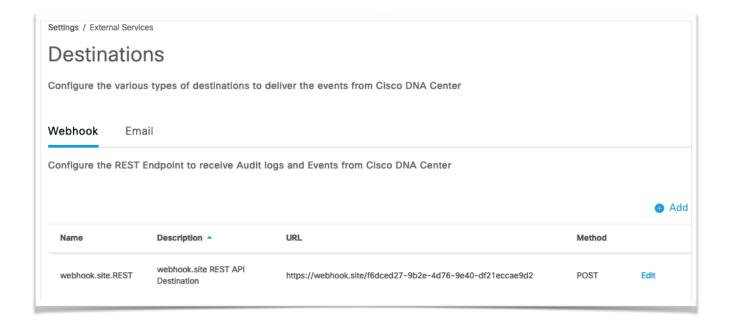
Note: The Headers field may be auto-populated depending upon your Authentication selection above.

Step 8

Click Save to save your webhook destination configuration.



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CONFIGURE EVENTS AND SUBSCRIPTIONS

You can subscribe to specific events that may occur in your network. After your subscription, if the event does occur you will receive a notification by email, webhook (REST API), or SNMP trap. You subscribe to an event by using the Events window in the Cisco DNA Center platform GUI.

NOTE: Email notifications are near real-time and are neither batched nor scheduled, they use predefined email templates that cannot be customized by the user. Additionally, the underlying priority of the event does not affect when the notification is sent out. For example, an event with a severity of 1 is not sent out sooner than an event with a severity of 3. To prevent multiple issues being triggered, there is also a supported suppression time interval. If the same issue (event) occurs within the suppression time interval, a second notification will not be sent. If the same issue occurs outside of the suppression time interval, then another notification is sent. The issue suppression time interval is also predefined and cannot be configured by the user.

This technote will focus on the event notifications feature using Webhooks REST API and Webhooks Email destinations that were configured earlier in this technote. With Cisco DNA Center version 2.1.1.0, there is a new Navigation Menu and enhancements to the layout of the System Settings UI pages.

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For this technote, I will use an example of a Webhook Destination from the Site:

Webhook.site (REST API Webhook Test Site)

https://webhook.site/

Note: When you access the Webhook.site, you will be provided a unique URL and unique email address. The unique URL will be used for your Webhook Destination & REST Endpoint. The unique email address will be used for your Email Endpoint.

For Example:

Your Main Site https://webhook.site/#!/f6dced27-9b2e-4d76-9e40-df21eccae9d2
Your unique URL https://webhook.site/f6dced27-9b2e-4d76-9e40-df21eccae9d2
Your unique email address f6dced27-9b2e-4d76-9e40-df21eccae9d2@email.webhook.site

In this configuration section

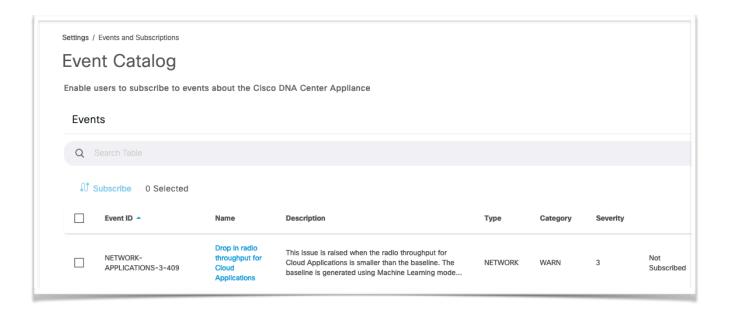
- I am going to give an example of configuring a Subscription for one selected Event.
- I will create Two Subscriptions:
 - Email Subscription
 - Webhook Rest API Subscription

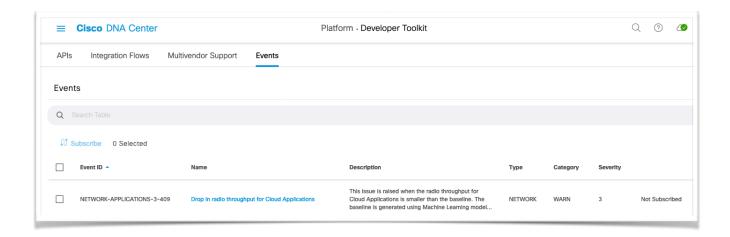
Note: With Cisco DNA Center version 2.1.1.0, there are 77 Events that can be subscribed to. You can Select All Events and Create a Batch Subscription using the same Endpoints. Unfortunately at this time, we can not Select ALL Events and unsubscribe. You would need to delete the Configured Subscriptions one by one.

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In the Cisco DNA Center GUI, you have two options for configuring Event Subscriptions:

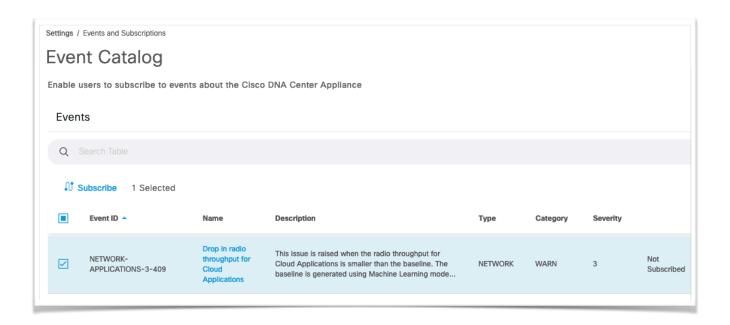
- ✓ Click the Menu\Navigation Icon > System > Settings > Events and Subscriptions > Event Catalog
- ✓ Click the Menu\Navigation Icon > Platform > Developer Toolkit > Events





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- In the Cisco DNA Center GUI (which ever navigation option that you chose), Select the Event ID to configure.
- Click on Subscribe



Step 3

In the Subscribe configuration window, you will need to configure the Subscription Details.

SUBSCRIPTION DETAILS

Name

Subscription Type

Subscription Endpoint

Note: There are specific Parameters that are specified for each Subscription Type. We will configure these for Subscription Types REST & EMAIL.

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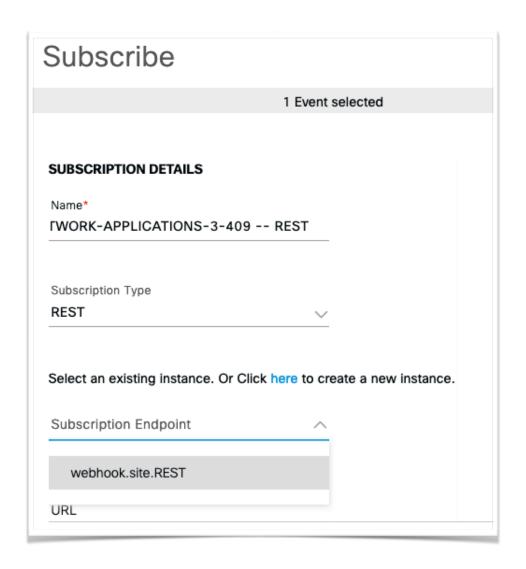
Subscription #1 for EVENT_ID

Name NETWORK-APPLICATIONS-3-409 -- REST

Subscription Type REST

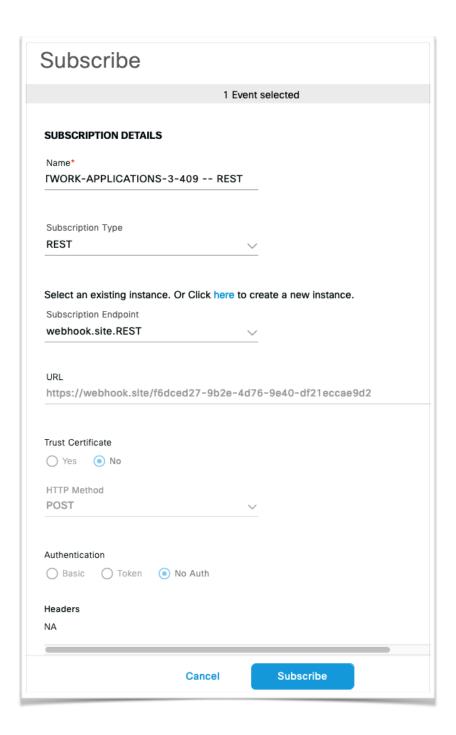
Subscription Endpoint Select an existing instance

webhook.site.REST



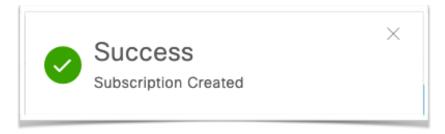
Note: Once you select the webhook.site.REST endpoint, the rest of the fields will autofill.

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Click Subscribe

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NETWORKAPPLICATIONS-3-409
NETWORKAPPLICATIONS-3-409
NETWORKAPPLICATIONS-3-409
NETWORKCloud Applications
Cloud Applications
Applications
This issue is raised when the radio throughput for
Cloud Applications is smaller than the baseline. The NETWORK WARN 3 Subscribed baseline is generated using Machine Learning mode...

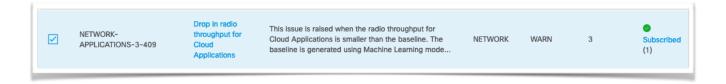
(1)

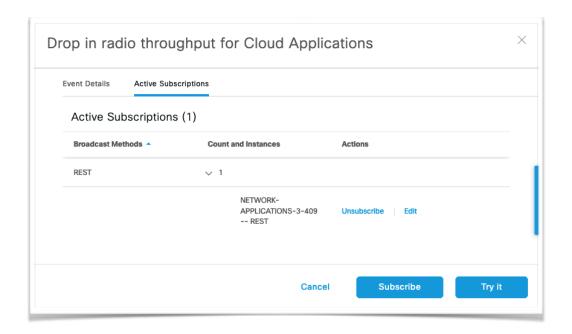
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Once the Subscription has been successfully created, you can test the subscription using the "Try It" option for the current subscriptions

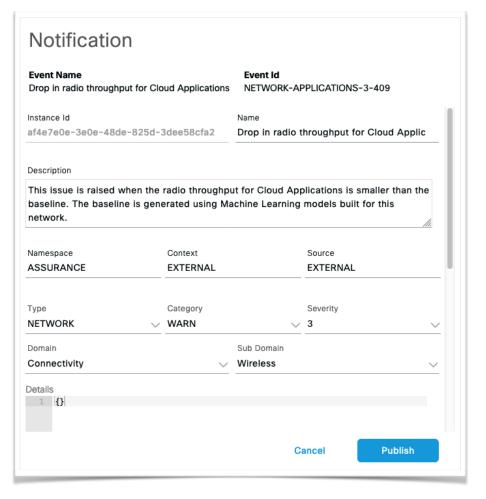
In the Event Catalog window:

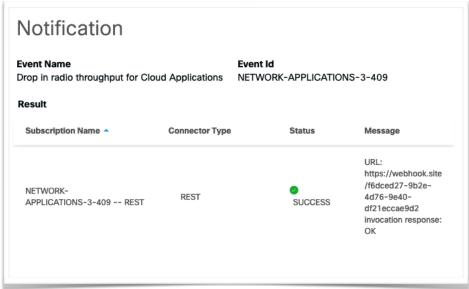
- Select the Event ID that has the subscription that you just added.
- Click Subscribed hyperlink in the last column the for the selected Event ID.
- Select the "Active Subscriptions" Tab and expand the configured Subscriptions to view the configured Broadcast Methods.
- Open another browser to your webhook site ie. https://webhook.site/#!/f6dced27-9b2e-4d76-9e40-df21eccae9d2
- Click "Try It"
- Click "Publish" from the Notification Window
- View the Output on the Notification Window and the webhook site





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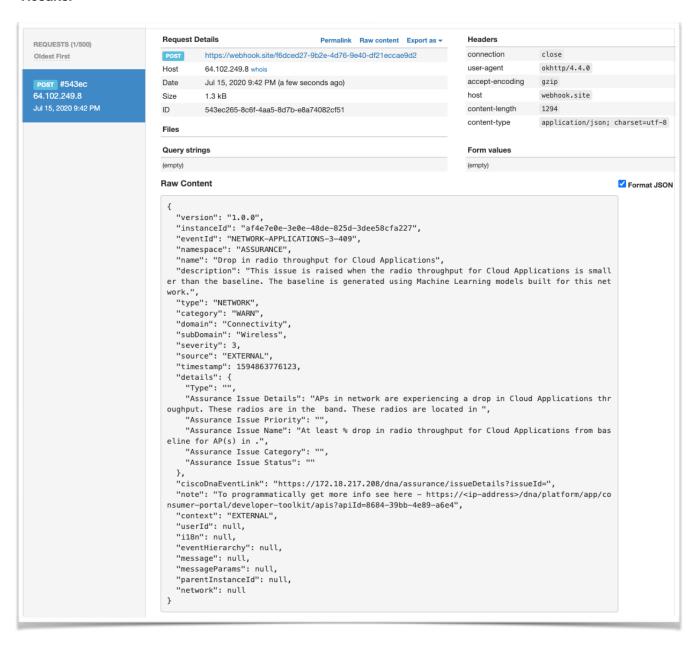




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https://webhook.site/#!/f6dced27-9b2e-4d76-9e40-df21eccae9d2

Results:

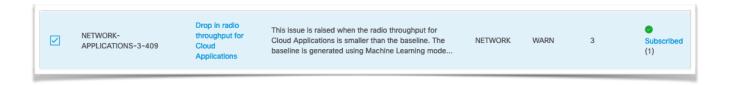


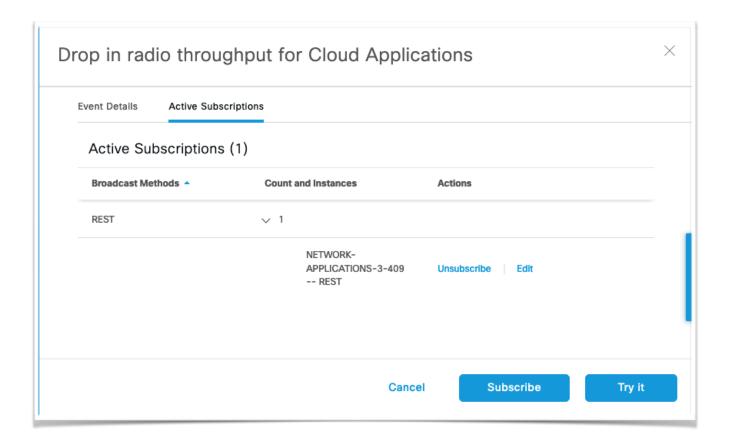
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```
Raw Content
                                                                                                   ~
 {
   "version": "1.0.0",
   "instanceId": "af4e7e0e-3e0e-48de-825d-3dee58cfa227",
   "eventId": "NETWORK-APPLICATIONS-3-409",
   "namespace": "ASSURANCE",
   "name": "Drop in radio throughput for Cloud Applications",
   "description": "This issue is raised when the radio throughput for Cloud Applications is small
 er than the baseline. The baseline is generated using Machine Learning models built for this net
 work.",
   "type": "NETWORK",
   "category": "WARN",
   "domain": "Connectivity",
   "subDomain": "Wireless",
   "severity": 3,
   "source": "EXTERNAL",
   "timestamp": 1594863776123,
   "details": {
     "Type": "",
     "Assurance Issue Details": "APs in network are experiencing a drop in Cloud Applications thr
 oughput. These radios are in the band. These radios are located in ",
     "Assurance Issue Priority": "",
     "Assurance Issue Name": "At least % drop in radio throughput for Cloud Applications from bas
 eline for AP(s) in .",
     "Assurance Issue Category": "",
     "Assurance Issue Status": ""
   "ciscoDnaEventLink": "https://172.18.217.208/dna/assurance/issueDetails?issueId=",
   "note": "To programmatically get more info see here - https://<ip-address>/dna/platform/app/co
 nsumer-portal/developer-toolkit/apis?apiId=8684-39bb-4e89-a6e4",
   "context": "EXTERNAL",
   "userId": null,
   "i18n": null,
   "eventHierarchy": null,
   "message": null,
   "messageParams": null,
   "parentInstanceId": null,
   "network": null
 }
```

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- In the Cisco DNA Center GUI (which ever navigation option that you chose), Select the Event ID already configured.
- Click Subscribed hyperlink in the last column the for the selected Event ID.
- Click on Subscribe





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In the Subscribe configuration window, you will need to configure the Subscription Details.

SUBSCRIPTION DETAILS

Name

Subscription Type

Subscription Endpoint

Note: There are specific Parameters that are specified for each Subscription Type. We will configure these for Subscription Types REST & EMAIL.

Subscription #2 for EVENT_ID

Name NETWORK-APPLICATIONS-3-409 -- EMAIL

Subscription Type EMAIL

Subscription Endpoint Create a new endpoint

Endpoint Name NETWORK-APPLICATIONS-3-409 -- EMAIL

Endpoint Description webhook.site.EMAIL SMTP Configuration Default (no change)

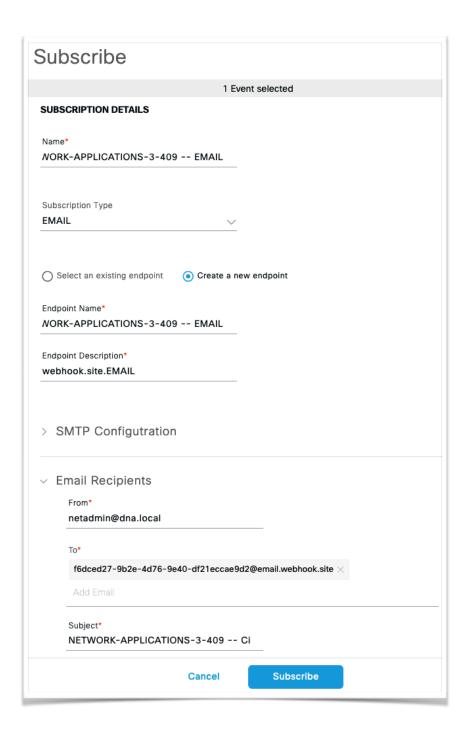
Email Recipients

From netadmin@dna.local

To f6dced27-9b2e-4d76-9e40-df21eccae9d2@email.webhook.site

Subject NETWORK-APPLICATIONS-3-409 -- Cisco DNA Center

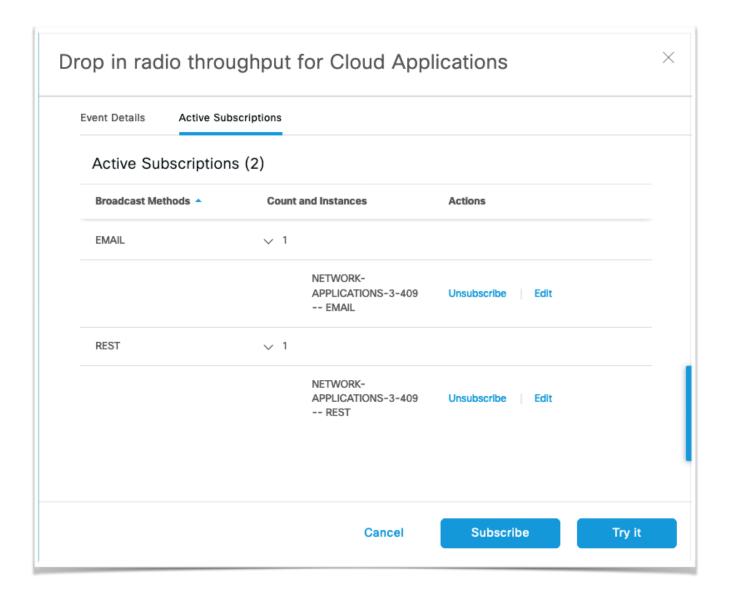
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Click Subscribe

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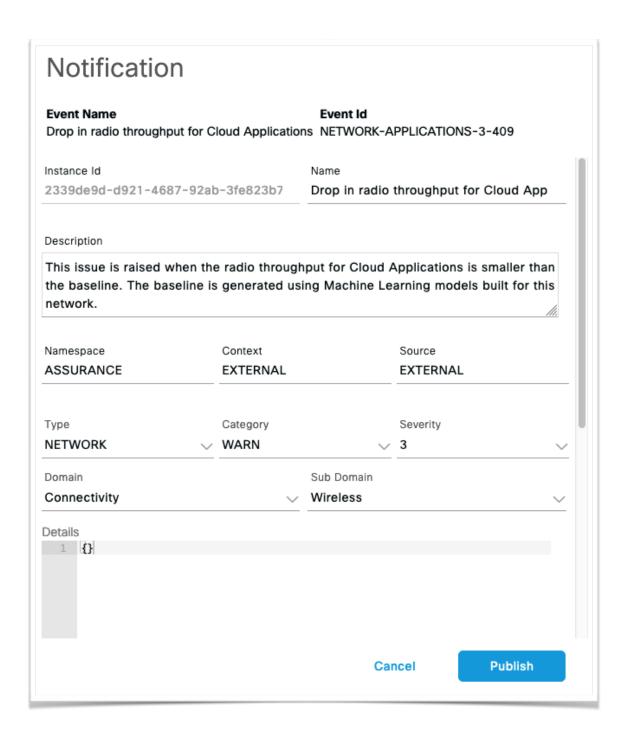
Note: From the Event ID subscription window, you will now see 2 Active Subscriptions: One for REST API and One for EMAIL.



Now, Test your Active Subscriptions Once Again.

- Open another browser to your webhook site
 ie. https://webhook.site/#!/f6dced27-9b2e-4d76-9e40-df21eccae9d2
- Click "Try It"

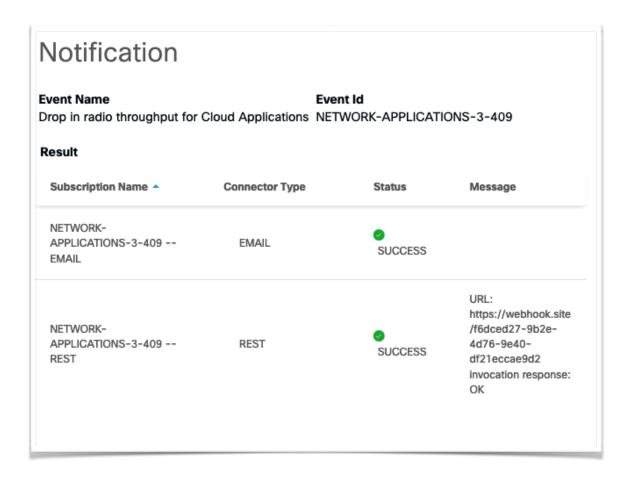
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• Click "Publish" from the Notification Window

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• View the Output on the Notification Window and the webhook site

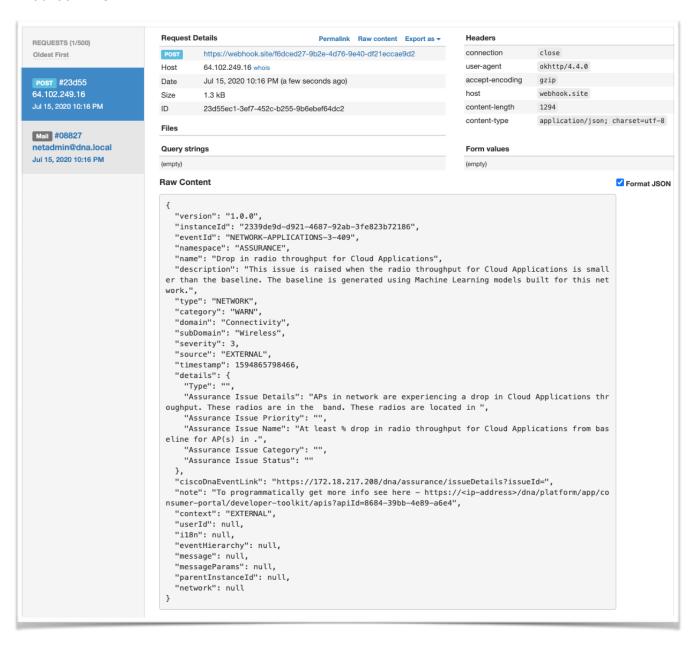


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https://webhook.site/#!/f6dced27-9b2e-4d76-9e40-df21eccae9d2

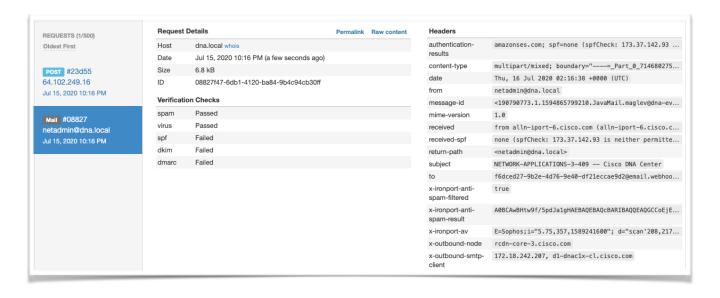
Results:

Webhook REST API



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Webhook EMAIL



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Webhook EMAIL

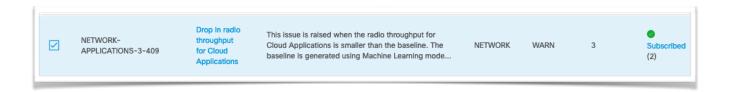
```
Raw Content
  Return-Path: <netadmin@dna.local>
  Received: from alln-iport-6.cisco.com (alln-iport-6.cisco.com [173.37.142.93])
   by inbound-smtp.eu-west-1.amazonaws.com with SMTP id glou8l2bmg2fn885j6hut3n9fqft02l9cdrufm81
   for f6dced27-9b2e-4d76-9e40-df21eccae9d2@email.webhook.site;
   Thu, 16 Jul 2020 02:16:41 +0000 (UTC)
  X-SES-Spam-Verdict: PASS
  X-SES-Virus-Verdict: PASS
  Received-SPF: none (spfCheck: 173.37.142.93 is neither permitted nor denied by domain of dna.local) client-i
  p=173.37.142.93; envelope-from=netadmin@dna.local; helo=alln-iport-6.cisco.com;
  Authentication-Results: amazonses.com;
   spf=none (spfCheck: 173.37.142.93 is neither permitted nor denied by domain of dna.local) client-ip=173.37.
  142.93; envelope-from=netadmin@dna.local; helo=alln-iport-6.cisco.com;
   dmarc=none header.from=dna.local;
  X-SES-RECEIPT: AEFBQUFBQUFBQUFIOGZiOEh0aENPYlVGNGxiSmUwYlc5d0FROWxyZ3RnZTlDaHBBNEh4VkxUcGtpZUc2ZnpzK0lCNXpUR
  E9kcmUwY3hTakJkcFNMS0k1MUkx0Up3bVg5NnFEUGhsMUpmWHkwd2RadW90TTVqakp5aCtNNHllT2lJUktBeDZNNFFPenI2dVQ0NW9rdWR0c
  TNMcVJXM3RWcHVFV\label{thm:continuous} TNMcVJXM3RWcHV\label{thm:continuous} TNMcVJXM3RWcHV\label{thm:continuous} TNMcVJXM3RWcHV\label{thm:continuous} TNMcVJXM3RWcHV\label{thm:continuous} TNMcVJXM3RWcHV\label{thm:continuous} TNMcVJXM3RWcHV\label{thm:continuous} TNMcVJXM3RWcHV\label{thm:continuous} TNMcVJXM3RWcHV\label{thm:conti
  lBMbDZhTDF6SVJjampRWHBFZU5yVnVSSEc1VU5jMzdBWVJ1eWtQaitNSGNRZzIxUWcybFZoQ3dyM3pVUjZvcUxBSGo3K0FCcW4vMkNyb1E9P
  X-SES-DKIM-SIGNATURE: a=rsa-sha256; q=dns/txt; b=nExX4uzmgkvblxS0ls0CDY1X5qevx4/e6HlfY3qh0c1yUSgqkNQqpBv1V1d
  8f6ylkvWREB3jhgGFPGxCR9lwWuroR8gYPj0q8YZqjAV4s361mvf1Ss08z+CcjDtlqwvN/p7WYVrzILxBnIghcd39fZ63RjYfXzZZLvHj00r
  0Fdw=; c=relaxed/simple; s=shh3fegwg5fppqsuzphvschd53n6ihuv; d=amazonses.com; t=1594865802; v=1; bh=6weUbzA3
  xYjcHh4fftaFp5X6qvv+gbw5n1kh4eeINhk=; h=From:To:Cc:Bcc:Subject:Date:Message-ID:MIME-Version:Content-Type:X-S
  X-IronPort-Anti-Spam-Filtered: true
  X-IronPort-Anti-Spam-Result: =?us-ascii?q?A0BCAwBHtw9f/5pdJa1gHAEBAQEBAQc?=
   =?us-ascii?q?BARIBAQQEAQGCCoEjEUcvLENUATIshDOJAZwBhi6BaQsBAQEOIwwEAQGETCC?=
   =?us-ascii?q?BawIkOBMCAwEBCwEBBQEBAQIBBgRthWeGGSkCJUoFAQYNAjM0KASCOkyCAXY?=
   =?us-ascii?q?FD6lDgStfU4Q0LAGEQEuBIwaB0IVyQoN3gkcaggCBRAGFdgQXgQcKARIBIhU?=
   =?us-ascii?q?PDhUCA4JJgmAEgUGKOYMmihuBI4IWmDuLOosUhhUCEIJmiTuTB4VFllaQS4Q?=
   =?us-ascii?q?ygWojZ3CCXoFMTxcCDY4lgR4BB40aQQMyNQIGCAEBAwmNcA8Xgh4BAQ?=
  X-IronPort-AV: E=Sophos; i="5.75,357,1589241600";
      d="scan'208,217";a="544050241"
  Received: from rcdn-core-3.cisco.com ([173.37.93.154])
     by alln-iport-6.cisco.com with ESMTP/TLS/DHE-RSA-SEED-SHA; 16 Jul 2020 02:16:39 +0000
  Received: from dna-event-runtime-6b7d84df76-zxbpv (d1-dnac1x-cl.cisco.com [172.18.242.207])
               by rcdn-core-3.cisco.com (8.15.2/8.15.2) with ESMTP id 06G2GdBx029294
              for <f6dced27-9b2e-4d76-9e40-df21eccae9d2@email.webhook.site>; Thu, 16 Jul 2020 02:16:39 GMT
  Date: Thu, 16 Jul 2020 02:16:38 +0000 (UTC)
  From: netadmin@dna.local
  To: f6dced27-9b2e-4d76-9e40-df21eccae9d2@email.webhook.site
  Message-ID: <190790773.1.1594865799210.JavaMail.maglev@dna-event-runtime-6b7d84df76-zxbpv>
  Subject: NETWORK-APPLICATIONS-3-409 -- Cisco DNA Center
  MIME-Version: 1.0
  Content-Type: multipart/mixed;
              boundary="---=_Part_0_714680275.1594865799009"
  X-Outbound-SMTP-Client: 172.18.242.207, d1-dnac1x-cl.cisco.com
  X-Outbound-Node: rcdn-core-3.cisco.com
          -=_Part_0_714680275.1594865799009
  Content-Type: text/html;charset=utf-8
  Content-Transfer-Encoding: quoted-printable
```

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Webhook EMAIL

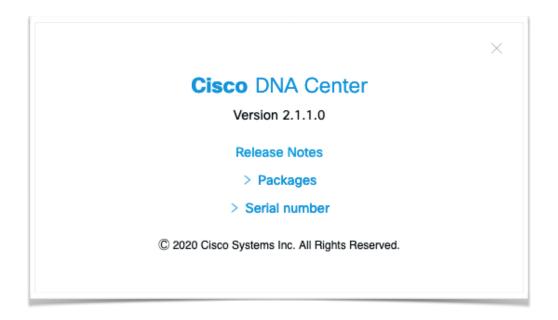
```
boundary="---=_Part_0_714680275.1594865799009"
X-Outbound-SMTP-Client: 172.18.242.207, d1-dnac1x-cl.cisco.com
X-Outbound-Node: rcdn-core-3.cisco.com
    -=_Part_0_714680275.1594865799009
Content-Type: text/html:charset=utf-8
Content-Transfer-Encoding: quoted-printable
<style> @media screen { @font-face { font-family: 'CiscoSans'; font-style: =
normal: font-weight: 400: src: local('CiscoSans Regular'). local('CiscoSans=
-Regular'), url(https://www.static-cisco.com/c/dam/assets/fonts/cisco-sans/=
CiscoSansTTRegular.woff) format('woff'); } body{ font-family: 'CiscoSans'=
} .header{ font-size: 14px; margin-bottom: 10px; } h1.logo{ color: #049fd9=
; background-color: #f2fbfd; font-size: 25px; padding: 5px 5px; } </style> =
<div class=3D'header'> <h1 class=3D'logo'><b>Cisco</b> <span style=3D'font-=</pre>
weight: 300'>DNA Center</span></h1> <br/> <div class=3D'recipientName'>Cisc=
o DNA Center Consumer,</div> <br/> <div>You're receiving this message, base=
d on the email notification preference(s) set by Cisco DNA Center Administr=
ator. Here are the details about the event notification.</div> </div> <styl=
e> table{ width: 100%; font-size: 14px; border-collapse: collapse; } td { b=
order: 1px solid #ddd; padding: 5px; width: 50%; margin: 0px; } th { border=
: 1px solid #ddd; padding: 5px; width: 50%; margin: 0px; } tr:nth-child(eve=
n) { background-color: #fbfbfb; } tr:nth-child(odd) { background-color: whi=
te; } </style>   Event =
ID NETWORK-APPLICATIONS-3-409 
> Event Timestamp <td style=
=3D'width: 70%;'>1594865798466  <td style=3D'width: 30%;font=
-weight:600'>Event Name Drop in radio throug=
hput for Cloud Applications  <td style=3D'width: 30%;font-we=
ight:600'>Event Type NETWORK 
Cisco DNA Center Event Context li=
nk<br/><sup>**</sup>This link is active only in the context of Cisco DNA Ce=
nter. You must have necessary permissions to login <td style=3D'width:=
70%;'><a href=3Dhttps://172.18.217.208/dna/assurance/issueDetails?issueId=
=3D>Click here for Details</a>  <td style=3D'width: 30%;font=
-weight:600'>Event Details  <table style=3D'=
width: 100%; font-size: 14px'> TypeAssura=
nce Issue DetailsAPs in network are experiencing a drop in Cloud A=
pplications throughput. These radios are in the band. These radios are loc=
ated in Assurance Issue Priority<t=
h>Assurance Issue NameAt least % drop in radio throughput for Clou=
e CategoryAssurance Issue Status</=
tr>      <br/></div> <style> div.footer{ font-size=
: 14px; margin-top: 20px; } div.footerDetails{ text-align:center; backgroun=
d-color:#e6e6e6; padding:5px; color:#6f6f6f; margin-top: 28px; } div.unsubs=
cribeMessage{ color:#4D73BE; } div.footerLogo{ text-align: center; font-siz=
e: 12px; padding: 5px; } div.logoBottom{ color: #049fd9; margin-top: -3px; =
font-size: 11px; } </style> <div class=3D'footer'> <div>Sincerely, <div> <di=
v>Cisco DNA Center</div> <div class=3D'footerDetails'> <div class=3D'unsubs=
cribeMessage'> To Unsubscribe to this notification, please contact your Cis=
co DNA Center Administrator </div> <div>THIS EMAIL WAS AUTO-GENERATED - DO =
NOT REPLY TO THIS EMAIL</div> </div> <div class=3D'footerLogo'> <div class=
=3D'logoBottom'><span style=3D'color: black'>2020 </span><b>Cisco DNA Cente=
r</b></div> </div>
     =_Part_0_714680275.1594865799009--
```

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You have now completed adding Subscriptions for an Event ID using Webhook REST API and Webhook EMAIL endpoints.

You can now replicate this Events and Subscriptions Task for the other listed Event IDs on the Cisco DNA Center.



The End...

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