

为Webex配置Catalyst Center事件通知

目录

[简介](#)

[先决条件](#)

[要求](#)

[使用的组件](#)

[配置](#)

[Webex Bot创建](#)

[Webex会议室创建](#)

[事件通知创建](#)

[验证](#)

简介

本文档介绍如何配置Cisco Catalyst Center事件通知以将其发送到Webex团队。

先决条件

要求

基本知识：

- Cisco Catalyst Center通知
- Webex Teams

使用的组件

- 思科Catalyst Center 2.3.5.x
- Webex Teams

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您的网络处于活动状态，请确保您了解所有命令的潜在影响。

配置

Webex Bot创建

1. 进入[面向开发人员的Webex](#)页面以创建新的Webex Bot。
2. 使用您的Webex Teams帐户登录。
3. 添加僵尸程序名称、僵尸程序用户名，选择图标，并为App Hub说明字段添加说明。通过点击添加聊天机器人(Add Bot)选项创建聊天机器人。

New Bot

Bot name*

Name of your bot as it will appear in Webex.

Catalyst Center Notification

Bot username*

The username users will use to add your bot to a space. Cannot be changed later.

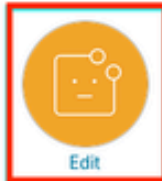
CatalystCenterTest

@webex.bot

🟢 CatalystCenterTest@webex.bot is available

Icon*

Upload your own or select from our defaults. Must be exactly 512x512px in JPEG or PNG format.



App Hub Description*

What does your app do, how does it benefit users, how do users get started? Does your app require a non-Webex account? If your app is not free or has additional features for paid users, please note that and link to pricing information. 1024 character limit.

🔗 ☰ ⌋= 📄

Catalyst Center Bot used for Event Notifications.

Supported markdown

1451 characters remaining

By creating this app, you accept the [Terms of Service](#) and [Privacy Statement](#).

Cancel

Add Bot

4. 复制引导访问令牌和僵尸程序用户名值。

Congratulations! 🎉

Catalyst Center Notification is one step closer to becoming a reality.

Catalyst Center Notification

👉 **Next Step:** Use your Bot Access Token to set up your webhook and finish building your bot.

Bot access token

Non-expiring (good for 100 years) access token for your bot. Save this token to set up your webhook.

MDU3NmZhZTctYTA0YS00NjM2LTljYzQtYWUzMjVIZjU3NDlmMjEzYz.

Copy Token

💡 **Tip:** Save this token!
It won't be shown again (but you can regenerate a new one if needed).

Bot username*

The username users will use to add your bot to a space. Cannot be changed later.

CatalystCenterTest@webex.bot

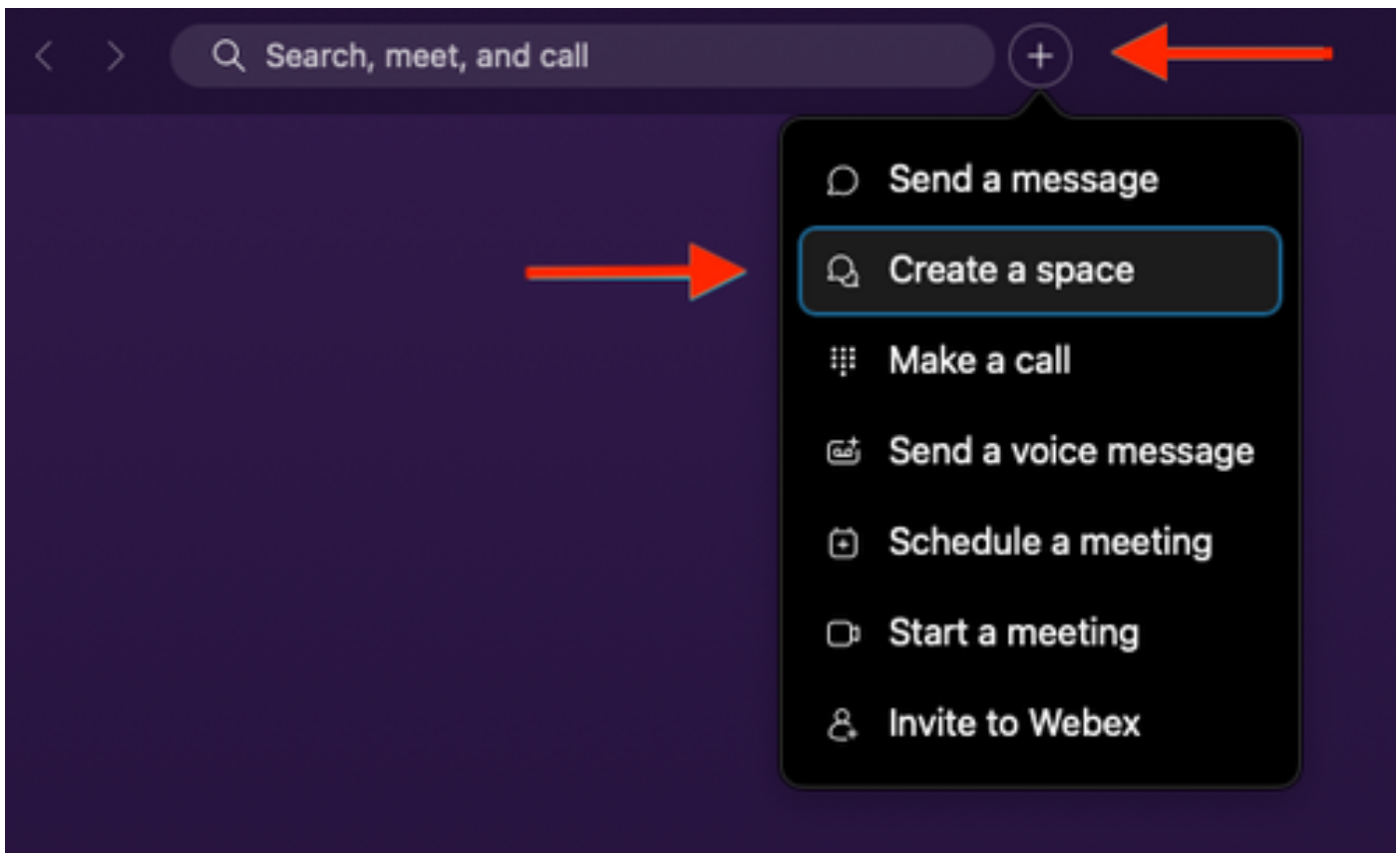
Icon*

Upload your own or select from our defaults. Must be exactly 512x512px in JPEG or PNG format.

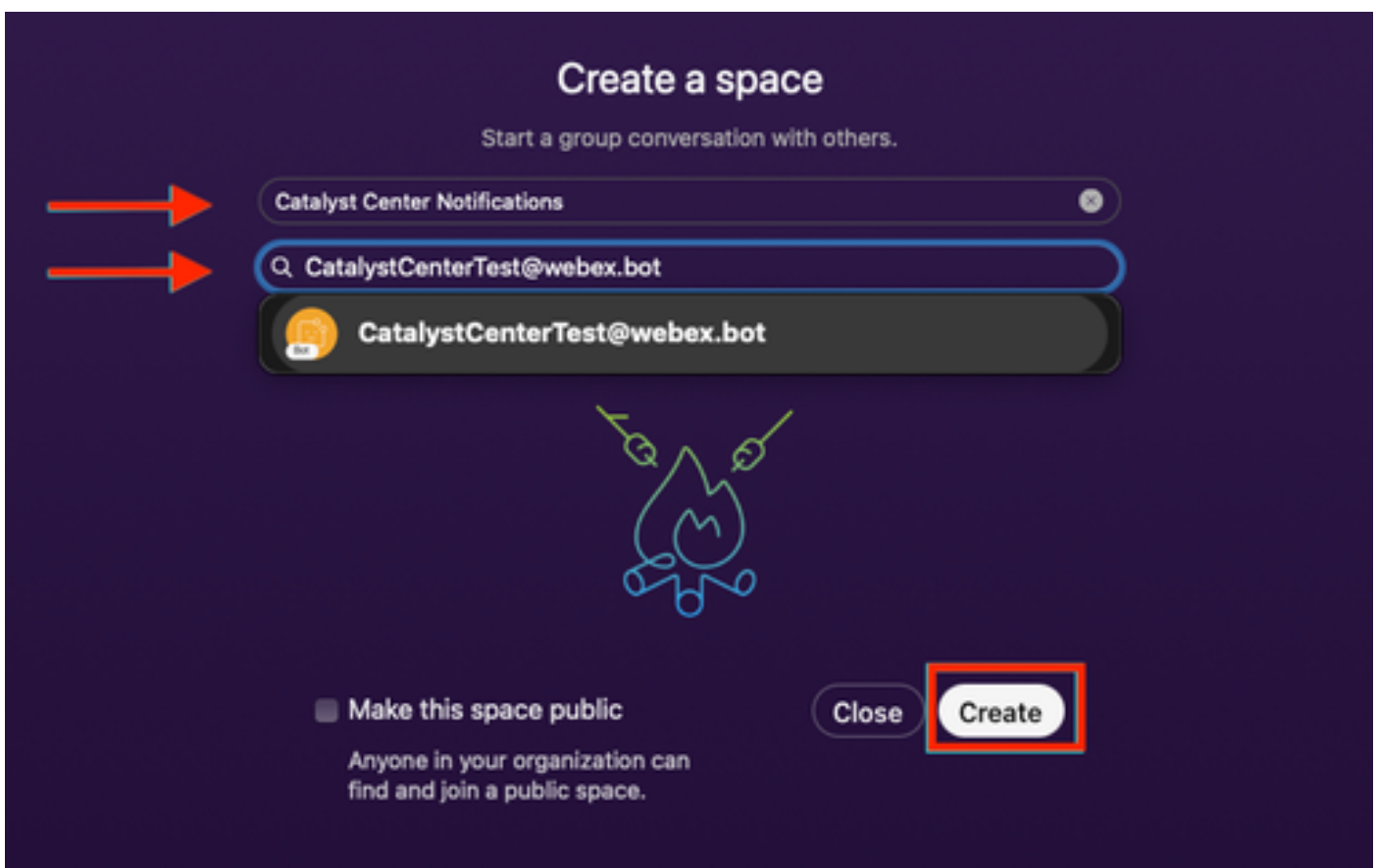


Webex会议室创建

1. 在Webex Teams上，点击“+”按钮，然后点击创建空间选项，继续创建Webex会议室。



2. 为空间添加名称，然后在按名称或邮件添加人员字段中添加聊天机器人用户名。继续创建空间。



3. 为了将Catalyst Center中的Webex Teams空间用于事件通知，必须为创建的空间设置Webex Room ID值。输入下一个[URL](#)以获取请求的值。

4. 单击运行选项以获取所创建Webex空间的详细信息。

The screenshot displays the 'List Rooms' API endpoint documentation on the 'webex for Developers' website. The left sidebar lists various API categories, with 'List Rooms' selected under the 'Rooms' section. The main content area provides details for the 'GET /v1/rooms' endpoint, including a description, known limitations, and query parameters like 'teamId', 'type', 'orgPublicSpaces', 'from', and 'max'. On the right, there is an interactive API client interface with a 'Run' button highlighted by a red rectangle.

webex for Developers Documentation Blog Support Resources

Search

Organizations
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Recording Report
Recordings
Report Templates
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Reports: Detailed Call History
Resource Group Memberships
Resource Groups
Roles
Room Tabs
Rooms

GET List Rooms
POST Create a Room
GET Get Room Details
GET Get Room Meeting Details
PUT Update a Room
DELETE Delete a Room

List Rooms

List rooms to which the authenticated user belongs to. The `title` of the room for 1:1 rooms will be the display name of the other person. Please use the [memberships API](#) to list the people in the space. Long result sets will be split into [pages](#).
Known Limitations: The underlying database does not support natural sorting by `lastactivity` and will only sort on limited set of results, which are pulled from the database in order of `roomId`. For users or bots in more than 3000 spaces this can result in anomalies such as spaces that have had recent activity not being returned in the results when sorting by `lastactivity`.

GET /v1/rooms

Query Parameters

teamId
string
List rooms associated with a team, by ID. Cannot be set in combination with `orgPublicSpaces`.

type
string
List rooms by type. Cannot be set in combination with `orgPublicSpaces`.
Possible values: `direct`, `group`

orgPublicSpaces
boolean
Shows the org's public spaces joined and unjoined. When set the result list is sorted by the `madePublic` timestamp.

from
string
Filters rooms, that were made public after this time. See `madePublic` timestamp

Try it **Example**

GET /v1/rooms(?teamId,type,sortBy,max)

Header

Authorization Use personal access token

Bearer *****

This limited-duration personal access token is hidden for your security.

Query Parameters

teamId e.g. Y2lzY29zcGFyazovL3VzL1JPT00v

type e.g. group

orgPublicSpaces e.g. true

from e.g. 2022-10-10T17:00:00.000Z

to e.g. 2022-10-11T17:00:00.000Z

sortBy e.g. id

max e.g. 100

Run

5. 复制根据收到的响应创建的Webex空间的ID值。

200 / OK

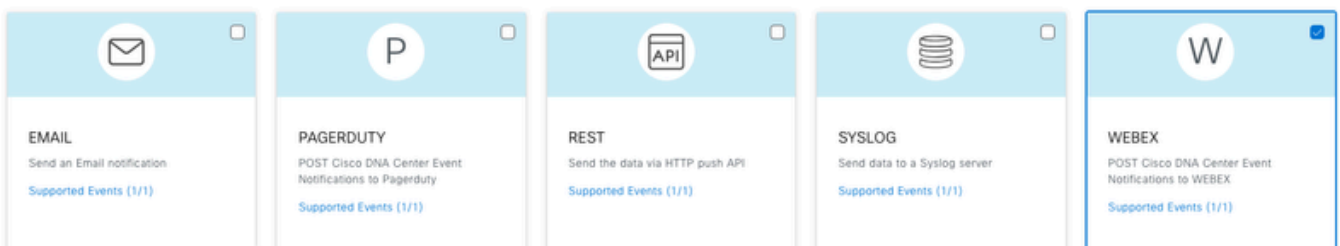
```
{
  "items": [
    {
      "id": "Y21zY29zcGFyazovL3VzL1JPT00vZDNLZWU4NjAt",
      "title": "Catalyst Cente Notifications",
      "type": "group",
      "isLocked": false,
      "lastActivity": "2024-07-16T18:32:59.622Z",
      "creatorId": "Y21zY29zcGFyazovL3VzL1BFT1BMRS82N",
      "created": "2024-07-16T18:32:59.622Z",
      "ownerId": "Y21zY29zcGFyazovL3VzL09SR0FOSVpBVE1",
      "isPublic": false,
      "isReadOnly": false
    },
  ],
}
```

事件通知创建

1. 在Catalyst Center上，导航到平台>开发人员工具包>事件通知>通知，并创建新通知。
2. 对于第1步(选择站点和事件)，选择要订阅新通知的相应站点和事件。
3. 在第2步(选择通道)中，选择WEBEX选项。

Step 2 - Select Channels

Choose the notification channels



4. 在步骤3(WEBEX设置)中，继续创建新实例。
5. 添加实例名称。将Webex空间ID粘贴到Webex会议室ID字段中。将僵尸访问令牌值粘贴到

Webex僵尸访问令牌字段中。

Step 3 - WEBEX Settings

Configure the WEBEX channel settings for this notification

SERVICE CONFIGURATION

Select Existing Instance Create New Instance

Instance Name*
Webex Notification

Webex URL*
https://webexapis.com/v1/messages

Webex Room Id*
Y2IzY29zcGFyazovL3VzL1JPT00vZDNIZWU4NjAtNDNhMS0xMWVmLWJIZjEtNGRiOTU1ZTUzZjE2

Webex Bot Access Token*
MDU3NmZhZTctYTA0YS00NjM2LTlj [HIDE](#)

6. 在步骤4(名称和说明)中，为通知添加名称和说明。

Step 4 - Name and Description

Provide a name and short description for your notification

Name*

Webex Test

Name can have alphanumerics, underscore and hyphen

Description*

Webex Teams Notification test.

Description can have alphanumerics, underscore and hyphen

7. 单击完成完成通知。

Summary

Review your notification and make any changes. If you are satisfied, select "Finish" to complete this workflow

▼ Name and Description [Edit](#)

Name Webex Test
Description Webex Teams Notification test.

▼ Site and Events [Edit](#)

Sites (0)
Events (1) Switch Unreachable

▼ WEBEX Settings [Edit](#)

Webex URL https://webexapis.com/v1/messages
Webex Room Id Y2lzY29zcGFyazovL3VzL1JPT00vZDNIZWU4NjAtNDNhMS0xMWVmLWJlZjEtNGRlOTU1ZTUzZjE2
Webex Bot Access Token

[Back](#)

[Finish](#)

验证

要测试Webex Teams是否正在接收通知，请在Catalyst Center上导航到平台>开发人员工具包>事件通知>事件目录，搜索您在发出通知时订阅的事件，然后在名称上点击该事件。

The screenshot shows the Cisco DNA Center interface. At the top, there is a navigation bar with 'Cisco DNA Center' and 'Platform / Developer Toolkit'. Below this, there are tabs for 'APIs', 'Integration Flows', and 'Event Notifications'. Under 'Event Notifications', there are sub-tabs for 'Notifications' and 'Event Catalog'. The 'Event Catalog' tab is active, and a search bar contains the text 'switch unre'. Below the search bar is a table with the following data:

Event ID	Name	Type	Category	Severity
NETWORK-NON-FABRIC_WIRED-1-200	Switch Unreachable	NETWORK	ALERT	1

继续单击Try-it Now 选项，然后单击Publish选项。

Switch Unreachable



Event Details

Notifications

Try-It Now

GENERAL INFORMATION

Details

```
1 {
2   "Type": "$eventSource$",
3   "Assurance Issue Details": "This network device $nwDeviceName$ i
4   "Assurance Issue Priority": "$priority$",
5   "Device": "$eventUniqueId$",
6   "Assurance Issue Name": "Network Device $managementIpAddr$ Is Un
7   "Assurance Issue Category": "$category$",
8   "Assurance Issue Status": "$status$"
```

Cancel

Publish

等待Catalyst Center发布通知。

Notification



Event Name

Switch Unreachable

Event Id

NETWORK-NON-FABRIC_WIRED-1-200

Result

Notification	Channel	Status	Message
Webex Test	WEBEX	● PUBLISHED	

通知发布在Webex Teams空间组中。

New messages



Catalyst Center Notification 1:20 p.m.

Cisco DNA Center Notification

Source DNA: 192.168.31.11
Center IP:
Severity: 1
Category: ALERT
Timestamp: 2024-07-16 19:20:00
Issue Name: Network Device 172.19.255.2 Is Unreachable From Controller
Issue Description: This network device Border1.Pod2.com is unreachable from controller. The device role is BORDER:DEFAULT:MAP-SERVER
Issue Status: resolved

[Cisco DNA Center Issue Details](#)

关于此翻译

思科采用人工翻译与机器翻译相结合的方式将此文档翻译成不同语言，希望全球的用户都能通过各自的语言得到支持性的内容。

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