Google Drive Events

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SAP Cloud Platform Open Connectors supports events via polling or webhooks depending on the API provider. For more information about our Events framework, see Events Overview.

Supported Events and Resources

SAP Cloud Platform Open Connectors supports polling events for Google Drive. After receiving an event, SAP Cloud Platform Open Connectors standardizes the payload and sends an event to the configured callback URL of your authenticated connector instance.

You can set up polling for the events resource. You can also copy the events configuration to poll other resources. See Configure Polling Through API for more information.

1 Note: Unless configured for a specific time zone, polling occurs in UTC.

Configure Polling Through the UI

To configure polling through the UI, follow the same steps to authenticate a connector instance, and then turn on events. Select the resources to poll, and then click **Create Instance**. For more information, see Authenticate an Connector Instance with Events (UI) or the connector-specific authentication topic.

Configure Polling Through API

Use the /instances endpoint to authenticate with Google Drive and create a connector instance with polling enabled.

() Note: The endpoint returns a connector instance token and id upon successful completion. Retain the token and id for all subsequent requests involving this connector instance.

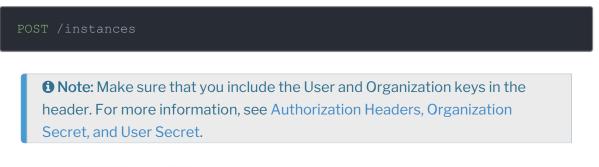
To authenticate a connector instance with polling:

1. Get an authorization grant code by completing the steps in Getting a redirect URL and Authenticating users and receiving the authorization grant code.

2. Construct a JSON body as shown below (see Parameters):



3. Call the following, including the JSON body you constructed in the previous step:



4. Locate the token and id in the response and save them for all future requests using the connector instance.

Example cURL with Polling

```
curl -X POST \
https://api.openconnectors.us2.ext.hana.ondemand.com/elements/api-v2/instan
ces \
-H 'authorization: User , Organization ' \
-H 'content-type: application/json' \
-d '{
    "element": {
        "key": "googledrive"
    },
    "providerData":{
        "code": ""
    },
    "configuration": {
        "oauth.callback.url": "http://mycoolapp.com",
        "oauth.api.key": "xxxxxxxxxxxxxx,
        "oauth.api.secret": "xxxxxxxxxxxxxxx,
        "document.root.folder.name": "My Drive",
        "event.notification.enabled": true,
        "event.notification.callback.url": "https://api.openconnectors.us2.ext.
hana.ondemand.com/elements/api-v2/events/googledrive/",
        "event.poller.refresh_interval": "15"
    },
    "tags": [
        "Docs"
    ],
        "name": "API Instance with Polling"
}/
```

Parameters

API parameters not shown in SAP Cloud Platform Open Connectors are in

code formatting .

Parameter	Description	Data Type
'key'	The connector key. googledrive	string
Name	The name for the connector instance created during authentication.	Body
oauth.callback.url	The Callback URL that was registered when creating credentials in your Google Drive project. This is the	

Parameter	Callback URL that you noted at the Description PI Provider Setup section.	Data Type
oauth.api.key	The OAuth Client ID from Google Drive. This is the Client ID that you noted at the end of the API Provider Setup section.	string
oauth.api.secret	The OAuth Client Secret from Google Drive. This is the Client Secret that you noted at the end of the API Provider Setup section.	string
DocumentRootFolder document.root.folder.name	The directory on Google Drive that contains the documents that you want to connect.	string
Events Enabled event.notification.enabled	<i>Optional.</i> Identifies that events are enabled for the connector instance. Default: false.	boolean
Event Type event.vendor.type	<i>Optional.</i> The event type used to monitor events. Polling is the default and only supported event type for Google Drive.	string
Event Notification Callback URL event.notification.callback.url	The URL where you want SAP Cloud Platform Open Connectors to send the events.	string
Event poller refresh interval (mins) event.poller.refresh_interval	A number in minutes to identify how often the poller should check for changes.	number
Callback Notification Signature Key event.notification.signature.key	<i>Optional.</i> A user-defined key for added security to show that events have not been tampered with.	string
tags	<i>Optional.</i> User-defined tags to further identify the instance.	string