

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.

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](#)):

```
{
  "element":{
    "key":"googledrive"
  },
  "providerData":{
    "code": ""
  },
  "configuration":{
    "oauth.callback.url": "",
    "oauth.api.key": "",
    "oauth.api.secret": "",
    "document.root.folder.name": "",
    "event.notification.enabled": true,
    "event.vendor.type": "polling",
    "event.notification.callback.url": "http://mycoolapp.com",
    "event.poller.refresh_interval": ""
  },
  "tags":[
    ""
  ],
  "name":""
}
```

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

```
POST /instances
```

Note: Make sure that you include the User and Organization keys in the header. For more information, see [Authorization Headers, Organization Secret, and User Secret](#).

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/instances \
-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": "xxxxxxxxxxxxxxxxxxxxxxxx",
  "oauth.api.secret": "xxxxxxxxxxxxxxxxxxxxxxxx",
  "document.root.folder.name": "My Drive",
  "event.notification.enabled": true,
  "event.vendor.type": "polling",
  "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 <code>name</code> | The name for the connector instance created during authentication. | Body |
| <code>oauth.callback.url</code> | The Callback URL that was registered when creating credentials in your Google Drive project. This is the | |

| Parameter | Description | Data Type |
|--|---|-----------|
| <code>oauth.api.key</code> | 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 |
| <code>oauth.api.secret</code> | 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 |
| Document Root Folder <code>document.root.folder.name</code> | The directory on Google Drive that contains the documents that you want to connect. | string |
| Events Enabled <code>event.notification.enabled</code> | <i>Optional.</i> Identifies that events are enabled for the connector instance. Default: <code>false</code> . | boolean |
| Event Type <code>event.vendor.type</code> | <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 <code>event.notification.callback.url</code> | The URL where you want SAP Cloud Platform Open Connectors to send the events. | string |
| Event poller refresh interval (mins) <code>event.poller.refresh_interval</code> | A number in minutes to identify how often the poller should check for changes. | number |
| Callback Notification Signature Key <code>event.notification.signature.key</code> | <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 |