

Greenhouse 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 webhook events for Greenhouse. 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. For more information about webhooks at Greenhouse including the currently available webhooks, see [their webhooks documentation](#).

Configure Webhooks Through the UI

To configure webhooks through the UI, follow the same steps to authenticate a connector instance, and then turn on events. For more information, see [Authenticate an Connector Instance with Events \(UI\)](#) or the connector-specific authentication topic.

Configure Webhooks Through API

Use the `/instances` endpoint to authenticate with Greenhouse and create a connector instance with webhooks 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 webhooks:

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": "greenhouse"
  },
  "configuration": {
    "api.key": "",
    "event.vendor.type": "webhooks",
    "event.notification.enabled": true,
    "event.notification.callback.url": "",
    "event.notification.signature.key": ""
  },
  "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.
5. Get the Webhook URL needed to configure webhooks at Greenhouse by logging in to SAP Cloud Platform Open Connectors 2.0. Open your new instance and copy the Webhook URL.
6. Set up `[webhooks at the API provider][#webhook-configuration]`.

Example cURL

```

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": "greenhouse"
    },
    "providerData": {
      "code": "xoz8AFqScK2ngM04kSSM"
    },
    "configuration": {
      "api.key": "xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx",
      "event.vendor.type": "webhooks",
      "event.notification.enabled": true,
      "event.notification.callback.url": "https://api.openconnectors.us2.ext.hana.ondemand.com/elements/api-v2/events/greenhouse/",
      "event.notification.signature.key": "8e98fjke8jek",
    },
    "tags": [
      "Docs"
    ],
    "name": "API Instance"
  }'

```

Parameters

API parameters not shown in the SAP Cloud Platform Open Connectors are in `code formatting` .

Parameter	Description	Data Type
<code>key</code>	The connector key. greenhouse	string
API Key <code>api.key</code>	The Greenhouse Harvest API Key that you noted in API Provider Setup .	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 Notification Callback URL	The URL where you want SAP Cloud	

Parameter	Description	Data Type
<code>event.notification.callback.url</code>	Platform Open Connectors to send the Events.	string
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

Webhook Configuration

Use the Webhook URL we generated after you authenticated the connector Instance to set up webhooks at Greenhouse. Before you begin, [review the Greenhouse documentation on webhooks](#).

1. Log in to your account at [Greenhouse](#).
2. Click the Settings icon at the top of the page, or click the **Configure** tab.
3. Open the Dev Center: click **Dev Center** in the list on the left or the link on the Configure page.
4. Click **Web Hooks**, and then click **Web Hooks** on more time. 5. Complete the Create A New Web Hook form, entering the **Webhook URL** from SAP Cloud Platform Open Connectors in the **Endpoint URL** box.

Create A New Web Hook

JSON data containing relevant information will be sent via POST to the entered endpoint URL when the selected event occurs. A Signature header will be included; generated by the secret key and the message payload. Only HTTPS URLs may be entered. See web hook documentation for further information.

Name this web hook

When

Export to

Endpoint URL

Secret key

Error recipient email

[Advanced settings...](#)

Disabled?
 Yes No

5. Click **Create Webhook**.

