

Zuora v2 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 Zuora v2. 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 Zuora, 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

SAP Cloud Platform Open Connectors currently supports events via **polling** or **webhooks** depending on the endpoint.

- **Polling** is a mechanism where SAP Cloud Platform Open Connectors executes the configured query every minutes and captures the changed information.
- **Webhooks** are when the provider lets SAP Cloud Platform Open Connectors know what information has changed. Note that additional endpoint setup may be required prior to creating your connector instance.

Note: SAP Cloud Platform Open Connectors normalizes only the objectId, objectType, and eventType event data. Event data also contains raw data, which the provider returns. The raw data varies based on the endpoint.

If you would like to see more information on our Events framework, please see [Events Overview](#).

Set Up Events for Zuora

The Zuora connector supports webhooks. For Zuora events to work with SAP Cloud Platform Open Connectors, you must configure each connector instance and set up the endpoint.

Set up the SAP Cloud Platform Open Connectors instance

To enable events, add these extra configurations to your instance JSON:

```
"event.notification.enabled": "true",  
"event.notification.callback.url": ""
```

instance JSON with polling events enabled:

```
{  
  "element": {  
    "key": "zuorav2"  
  },  
  "configuration": {  
    "zuorav2.sandbox": false,  
    "username": "zuora_user",  
    "password": "password",  
    "event.notification.enabled": true,  
    "event.notification.callback.url": ""  
  },  
  "tags": [  
    ""  
  ],  
  "name": ""  
}
```

Note: To instantiate a sandbox account, set `zuorav2.sandbox` to false.

Record your Instance ID

To set up the event in Zuora, you need the instance ID associated with your event.

- To find the Instance ID via API, call GET elements/zuorav2/instances:

```
curl -X POST
-H 'Authorization: User , Organization '
-H 'Content-Type: application/json'
'https://api.openconnectors.us2.ext.hana.ondemand.com/elements/api-v2/
elements/zuorav2/instances'
```

- To find the Instance ID in the user interface, go to Connectors > My Instances:

| Name ▼ | Id | Account Name | Owner | Tags | Created Date (UTC) | Token |
|-------------------|--------|---------------------|-------------------|-------------------|-----------------------------|-------|
| My Coolest App | 615136 | Andy Sherwin's C... | andy@cloud-ele... | My Coolest App | Mon Aug 26 2019 11:32:04 pm | ***** |
| My Other Cool App | 613825 | Andy Sherwin's C... | andy@cloud-ele... | My Other Cool App | Fri Aug 23 2019 09:36:31 pm | ***** |
| myCoolApp | 634143 | Andy Sherwin's C... | andy@cloud-ele... | myCoolApp | Mon Oct 07 2019 08:46:33 pm | ***** |
| myCoolFreshboo... | 516273 | Andy Sherwin's C... | andy@cloud-ele... | myCoolFreshboo... | Tue Dec 04 2018 10:46:12 pm | ***** |
| myCoolInstance | 516254 | Andy Sherwin's C... | andy@cloud-ele... | myCoolInstance | Tue Dec 04 2018 09:42:02 pm | ***** |
| myCoolInstance | 535445 | Andy Sherwin's C... | andy@cloud-ele... | myCoolInstance | Tue Mar 05 2019 12:03:35 am | ***** |
| myCoolInstance | 575047 | Andy Sherwin's C... | andy@cloud-ele... | myCoolInstance | Tue May 28 2019 07:18:38 pm | ***** |
| myCoolInstance | 575759 | Andy Sherwin's C... | andy@cloud-ele... | myCoolInstance | Wed May 29 2019 06:15:55 pm | ***** |
| myCoolInstance | 608676 | Andy Sherwin's C... | andy@cloud-ele... | myCoolInstance | Tue Aug 13 2019 01:52:56 am | ***** |
| myCoolInstance | 613815 | Andy Sherwin's C... | andy@cloud-ele... | myCoolInstance | Fri Aug 23 2019 09:17:52 pm | ***** |
| myCoolInstance | 640074 | Andy Sherwin's C... | andy@cloud-ele... | myCoolInstance | Wed Oct 16 2019 04:00:20 pm | ***** |
| myCoolInstance | 819145 | Andy Sherwin's C... | andy@cloud-ele... | myCoolInstance | Thu Jan 02 2020 08:33:57 pm | ***** |
| myCoolInstancev2 | 527259 | Andy Sherwin's C... | andy@cloud-ele... | myCoolInstancev2 | Fri Feb 01 2019 08:16:26 pm | ***** |

Set Up the Endpoint

Zuora refers to webhooks as callout notifications. When setting up events, refer to the Zuora documentation: [Configure Callout Notifications](#).

To set up the Zuora endpoint:

1. Log in to Zuora and navigate to the Billing, Payments, or Finance settings.
2. Click the **Setup Profiles, Notifications, and Email Templates** link.
3. Notifications should appear by default, but if not, click **Notifications** at the top.
4. Locate the callout notifications that you want to use as an event, and then click the **Edit** link associated with it.
5. Select the Active check box to activate the event.
6. In **Base URL**, add the URL to the SAP Cloud Platform Open Connectors events API, and append your Instance ID. For example,
<https://api.openconnectors.us2.ext.hana.ondemand.com/elements/api->

[v2/events/zuorav2/](#)

7. Click **add parameter** to add the following required parameters:
 - Event.Category
 - Event.Date
 8. Click **Save**.
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