

# Orderful Authenticate an Connector Instance

Last Modified on 12/30/2019 9:16 pm EST

You can authenticate with Orderful to create your own instance of the Orderful connector through the UI or through APIs. Once authenticated, you can use the connector instance to access the different functionalities offered by the platform.

## Authenticate Through the UI

Use the UI to authenticate with Orderful and create a connector instance as described in [Authenticate a Connector Instance \(UI\)](#). In addition to the instance name, you will need the Orderful API key as identified in [Orderful API Provider Setup](#).

After successfully authenticating, we give you several options for next steps. [Make requests using the API docs](#) associated with the instance, [map the instance to a common resource](#), or [use it in a formula template](#).

## Authenticate Through API

Authenticating through API is as simple as providing the necessary authentication parameters in the request body in order to [Authenticate the connector instance](#).

## Authenticating the Connector Instance

Use the `/instances` endpoint to authenticate with Orderful and create a connector instance. If you are configuring events, see the [Orderful Events](#) documentation.

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

To create a connector instance:

Construct a JSON body as shown below (see [Parameters](#)):

```
{
  "element": {
    "key": "orderful"
  },
  "configuration": {
    "event.vendor.type": "polling",
    "event.poller.refresh_interval": "15",
    "event.notification.enabled": "false",
    "event.poller.configuration": "{ \"transactions\": { \"url\": \"/hubs/edi/t
ransactions?where=dateFrom=' ${gmtDate:yyyy-MM-dd'T'HH:mm:ss.SSS'Z'} '\", \"id
Field\": \"id\", \"datesConfiguration\": { \"updatedAtField\": \"latestRevisio
nAt\", \"updatedAtDateFormat\": \"yyyy-MM-dd'T'HH:mm:ss.SSS'Z'\", \"updatedAtT
imezone\": \"GMT\", \"createdAtField\": \"createdAt\", \"createdAtFormat\":
\"yyyy-MM-dd'T'HH:mm:ss.SSS'Z'\", \"createdAtTimezone\": \"GMT\" } } }",
    "orderful.api.key": "ODib1Y1Zok6MTrbcuvsEM49iIKkPPhD1qfb7kuJ8"
  },
  "name": ""
}
```

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](#).

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

## 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
' {
  "name": "",
  "configuration": {
    "orderful.api.key": "ODib1Y1Zok6MTrbcuvsEM49iIKkPPhD1qfb7kuJ8"
  }
}'
```

## Parameters

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

`code formatting` .

**Note:** Event related parameters are described in [Events](#).

Parameter	Description	Data Type
Key <code>key</code>	The connector key. orderful	string
Name <code>name</code>	The name for the connector instance created during authentication.	Body
Configured Application Name <code>app.name</code>	The <b>Configured Application Name</b> that you noted in <a href="#">API Provider Setup</a>	string
Host Name/IP <code>host.ip</code>	The <b>Host Name/IP</b> that you noted in <a href="#">API Provider Setup</a> .	string
Filter null values from the response <code>filter.response.nulls</code>	<i>Optional.</i> Determines if null values in the response JSON should be filtered from the response. Yes or <code>true</code> indicates that SAP Cloud Platform Open Connectors will filter null values. Default: <code>true</code> .	boolean
tags	<i>Optional.</i> User-defined tags to further identify the instance.	string

## Example Response

```
{
  "id": 6932,
  "name": "Orderful",
  "key": "orderful",
  "description": "Add an Orderful instance to connect your existing Orderful account to the EDI Hub allowing you to create transactions for trading with Orderful. You will need an Orderful API Key to add an instance",
  "image": "https://images.cloudelements.io/orderful201811131702.png",
  "logo": "orderful",
  "active": true,
  "deleted": false,
  "typeOauth": false,
  "trialAccount": false,
  "configuration": {
    "id": 99550,
    "name": "Orderful API Key",
    "key": "orderful.api.key",
    "description": "API Key provided from Orderful ",
    "resellerConfig": false,
    "companyConfig": false,
    "active": true,
    "internal": false,
    "groupControl": false,
    "displayOrder": 1,
    "type": "TEXTFIELD_64",
    "hideFromConsole": false,
    "required": true
  },...
  "resources": [...],
  "objects": [...],
  "models": [...],
  "transformationsEnabled": true,
  "bulkDownloadEnabled": false,
  "bulkUploadEnabled": false,
  "cloneable": true,
  "extendable": true,
  "beta": false,
  "authentication": ,
  "hooks": [...],
  "extended": false,
  "useModelsForMetadata": true,
  "hub": "edi",
  "protocolType": "http",
  "parameters": [...],
  "private": false
}
```