

Jira On Prem Authenticate a Connector Instance

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You can authenticate with Jira to create your own instance of the Jira On Prem 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 Jira and create a connector instance as described in [Authenticate a Connector Instance \(UI\)](#). In addition to the base authentication parameters, you will need your Username, Password, and Server URL that you identified in the [API Provider Setup](#).

Authenticate Through API

Authenticating through API is similar to authenticating via the UI. Instead of clicking and typing through a series of buttons, text boxes, and menus, you will instead send a request to our `/instances` endpoint. The end result is the same, though: an authenticated connector instance with a **token** and **id**.

To authenticate a connector instance:

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

```
{
  "element": {
    "key": "jiraonprem"
  },
  "configuration": {
    "username": "",
    "password": "",
    "siteAddress": ""
  },
  "tags": [
    ""
  ],
  "name": ""
}
```

2. 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](#).

3. 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 '{
  "element": {
    "key": "jiraonprem"
  },
  "configuration": {
    "username": "xxxxxxxxxxxxxxxxxxxxxx",
    "password": "xxxxxxxxxxxxxxxxxxxxxx",
    "siteAddress": "https://claudetemp.atlassian.net"
  },
  "tags": [
    "Docs"
  ],
  "name": "API TEST Instance"
}'

```

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
<code>key</code>	The connector key. jiraonprem	string
Name <code>name</code>	The name of the connector instance created during authentication.	string
Username <code>username</code>	The JIRA Username.	string
Password <code>password</code>	The JIRA Password.	string
Server URL <code>siteAddress</code>	The JIRA login URL.	string
tags	<i>Optional.</i> User-defined tags to further identify the instance.	string

Example Response for an Authenticated Connector Instance

In this example, the instance ID is `12345` and the instance token starts with "ABC/D...". The actual values returned to you will be unique: make sure you save them for future requests to this new instance.

```
{
  "id": 12345,
  "name": "API Instance",
  "createdDate": "2017-08-07T18:46:38Z",
  "token": "ABC/Dxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx",
  "element": {
    "id": 123,
    "name": "Jira On Prem",
    "hookName": "JiraOnPrem",
    "key": "jiraonprem",
    "description": "Add a JIRA On Prem Instance to connect your existing Jira account to the Helpdesk Hub, allowing you to manage your incidents, priorities, statuses, users, etc. across multiple Help Desk connectors. You will need your account information to add an instance.",
    "image": "elements/provider_jira.png",
    "active": true,
    "deleted": false,
    "typeOauth": false,
    "trialAccount": false,
    "configDescription": "If you do not have a Jira.com account, you can create one at Jira On Prem Signup",
    "signupURL": "https://claudetemp.atlassian.net",
    "defaultTransformations": [ ],
    "transformationsEnabled": true,
    "bulkDownloadEnabled": true,
    "bulkUploadEnabled": true,
    "cloneable": false,
    "extendable": true,
    "beta": false,
    "authentication": {
      "type": "basic"
    },
    "extended": false,
    "hub": "helpdesk",
    "protocolType": "rest",
    "parameters": [ ],
    "private": false
  },
  "elementId": 123,
  "tags": [
    "Docs"
  ],
}
```

```
"provisionInteractions": [ ],
"valid": true,
"disabled": false,
"maxCacheSize": 0,
"cacheTimeToLive": 0,
"configuration": { },
"eventsEnabled": false,
"traceLoggingEnabled": false,
"cachingEnabled": false,
"externalAuthentication": "none",
"user": {
  "id": 12345
}
}
```
