

# Insightly Authenticate a Connector Instance

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

## Authenticate Through the UI

Use the UI to authenticate with Insightly and create a connector instance as described in [Authenticate a Connector Instance \(UI\)](#). In addition to the base authentication parameters, you will need the credentials that you identified in [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 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 help you authenticate using our APIs, try the Run in Postman button below. After you import the collection, take a look at the docs.

 Run in Postman

To authenticate a connector instance:

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

```
{
  "element": {
    "key": "insightly"
  },
  "configuration": {
    "username": "",
    "password": ""
  },
  "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": "insightly"
    },
    "configuration": {
      "username": "xxxxxxxxxxxxxxxxxxxx",
      "password": "xxxxxxxxxxxxxxxxxxxx"
    },
    "tags": [
      "Docs"
    ],
    "name": "API 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.<br>insightly   | string    |
| Name<br><code>name</code>         | The name of the connector instance created during authentication.                             | string    |
| Username<br><code>username</code> | The Insightly User Name or Email Address that you noted in <a href="#">API Provider Setup</a> | string    |
| Password<br><code>password</code> | The Insightly API key that you noted in <a href="#">API Provider Setup</a>                    | 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": "2018-04-04T20:44:36Z",
  "token": "ABC/Dxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx=",
  "element": {
    "id": 5993,
    "name": "Insightly",
    "key": "insightly",
    "description": "Add an Insightly instance to connect your existing Insightly account to the CRM hub, allowing you to manage contacts, accounts, leads, activities and users across multiple Connectors. You will need your Insightly account information to add an instance.",
    "image": "elements/provider_insightly.png",
    "active": true,
    "deleted": false,
    "typeOauth": false,
    "trialAccount": false,
    "resources": [ ],
    "transformationsEnabled": true,
    "bulkDownloadEnabled": true,
    "bulkUploadEnabled": true,
    "cloneable": true,
    "extendable": true,
    "beta": false,
    "authentication": {
      "type": "basic"
    },
    "extended": false,
    "hub": "crm",
    "protocolType": "http",
    "parameters": [ ]
  },
  "elementId": 5993,
  "tags": [
    "Docs"
  ],
  "provisionInteractions": [ ],
  "valid": true,
  "disabled": false,
  "maxCacheSize": 0,
  "cacheTimeToLive": 0,
  "configuration": { },
  "eventsEnabled": false,
  "traceLoggingEnabled": false
}
```

```
    "loggingEnabled": false,  
    "cachingEnabled": false,  
    "externalAuthentication": "none",  
    "user": {  
      "id": 123456,  
      "emailAddress": "claude.elements@cloud-elements.com",  
      "firstName": "Claude",  
      "lastName": "Elements"  
    }  
  }  
}
```

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