

Act! 365 Authenticate a Connector Instance

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You can authenticate with Act! 365 to create your own instance of the Act! 365 connector through the UI or through APIs. Once authenticated, you can use the connector instance to access the different functionalities offered by the Act! 365 platform.

Authenticate Through the UI

Use the UI to authenticate with Act! 365 and create an connector instance. You will need your **API key** and Developer key that you identified in the [API Provider Setup](#).

If you are configuring events, see [Events](#).

To authenticate an instance, complete the steps described in [Authenticate a Connector Instance \(UI\)](#). in addition to the base authentication parameters, you must also include:

- API Key - Enter the **API key** that you identified in the [API Provider Setup](#)
- Developer Key - Enter the developer key that you identified in the [API Provider Setup](#)

Authenticate Through API

Send a request to our `/instances` endpoint to authenticate an instance. When finished note the **token** and **id**.

To authenticate an instance:

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

```
{
  "element": {
    "key": "actessentials"
  },
  "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
-H 'authorization: User , Organization ' \
-H 'content-type: application/json' \
-d '{
  "element": {
    "key": "actessentials"
  },
  "configuration": {
    "username": "xxxxxxxxxxxxxxxxxxxxxx",
    "password": "xxxxxxxxxxxxxxxxxxxxxx"
  },
  "tags": [
    "Docs"
  ],
  "name": "API Instance"
}'
```

Parameters

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

Parameter	Description	Data Type
<code>key</code>	The connector key. actessentials	string
Name <code>name</code>	The name of the connector instance created during authentication.	string
API Key <code>username</code>	The Act! 365 API key assigned to the user that you record in the API Provider Setup	string
Developer Key <code>password</code>	The Act! 365 developer key assigned to the user that you record in the API Provider Setup	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": "INSTANCE_NAME",
  "createdDate": "2019-12-11T07:30:43Z",
  "token": "ABC/Dxxxxxxxxxx",
  "elementId": 7213,
  "tags": [...],
  "valid": true,
  "disabled": false,
  "maxCacheSize": 0,
  "cacheTimeToLive": 0,
  "configuration": {...},
  "authenticationType": "basic",
  "eventsEnabled": false,
  "cachingEnabled": false,
  "traceLoggingEnabled": false,
  "organizationId": 1190,
  "accountId": xxxxx,
  "externalAuthentication": "none"
```

```
externalAuthentication": "none",
"userId": xxxxxx,
"element": {
  "id": 7213,
  "name": "Act! 365",
  "key": "actessentials",
  "description": "Add an Act! 365 Instance to connect your existing Act!
365 account to the CRM Hub, allowing you to manage contacts and activities
across multiple Elements. You will need your Act! 365 account and Act! 365
API key (available in your Profile > Apps & Integrations section) to add an
instance.",
  "image": "https://pbs.twimg.com/profile_images/497478802432217088/-NAAU
Svt.png",
  "logo": "actessentials",
  "active": true,
  "deleted": false,
  "typeOAuth": false,
  "trialAccount": false,
  "resources": [...],
  "objects": [...],
  "transformationsEnabled": true,
  "bulkDownloadEnabled": true,
  "bulkUploadEnabled": true,
  "cloneable": true,
  "extendable": true,
  "beta": false,
  "authentication": {...},
  "extended": false,
  "useModelsForMetadata": true,
  "hub": "crm",
  "protocolType": "http",
  "parameters": [...],
  "private": false
},
"user": {
  "id": xxxxxx
}
}
```