

# BambooHR Authenticate a Connector Instance

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

## Authenticate Through the UI

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

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

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:

- In **API Key** enter the **API key** that you identified in [API Provider Setup](#).
- In **Company Name** enter the **BambooHR Domain** that you identified in [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": "bamboohr"
  },
  "configuration": {
    "username": "",
    "company.name": ""
  },
  "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": "bamboohr"
  },
  "configuration": {
    "username": "xxxxxxxxxxxxxxxxxxxxxxxx",
    "company.name": "Acme"
  },
  "tags": [
    "Docs"
  ],
  "name": "API Instance"
}'
```



```
"resources":[ ],
"transformationsEnabled":true,
"bulkDownloadEnabled":true,
"bulkUploadEnabled":true,
"cloneable":true,
"extendable":true,
"beta":false,
"authentication":{
  "type":"basic"
},
"extended":false,
"useModelsForMetadata":true,
"hub":"humancapital",
"protocolType":"http",
"parameters":[ ],
"private":false
},
"elementId":6315,
"tags":[
  "Docs"
],
"provisionInteractions":[

],
"valid":true,
"disabled":false,
"maxCacheSize":0,
"cacheTimeToLive":0,
"configuration":{ },
"eventsEnabled":false,
"traceLoggingEnabled":false,
"cachingEnabled":false,
"externalAuthentication":"none",
"user":{
  "id":123456,
  "emailAddress":"xxxxxxx",
  "firstName":"xxxxx",
  "lastName":"xxxxxxx"
}
}
```