

NetSuite RESTlets Authenticate a Connector Instance

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

Authenticate Through the UI

Use the UI to authenticate with NetSuite and create a connector instance as described in [Authenticate a Connector Instance \(UI\)](#). In addition to the base authentication parameters, you will need the deployment ID and script ID. Refer to the table of Parameters below for more information.

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 object](#), 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 API calls to our `/instances` endpoint. The end result is the same, though: an authenticated connector instance with a **token** and **id** for future API calls.

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

To create a connector instance:

1. Construct a JSON body based on the Custom authentication type. See [Parameters](#) for detailed descriptions.

Custom Authentication

```
{
  "element": {
    "key": "netsuiterestlets"
  },
  "configuration": {
    "account-id": "xxxxxxxxxxxxxxxxxxxx",
    "consumer_key": "xxxxxxxxxxxxxxxxxxxxxxxx",
    "consumer_secret": "xxxxxxxxxxxxxxxxxxxx",
    "deploymentId": "xx"
  },
  "scriptId": "xxx",
  "token-id": "xxxxxxxxxxxxxxxxxxxxxxxx",
  "token-secret": "xxxxxxxxxxxxxxxxxxxxxxxx",
  "tags": [
    ""
  ],
  "name": ""
}
```

Call the following, including the JSON body you constructed in the previous step:

Note: Make sure that you include your User and Organization keys in the header. For more information, see [Authorization Headers, Organization Secret, and User Secret](#).

2. 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": "netsuiterestlets"
    },
    "configuration": {
      "account-id": "xxxxxxxx",
      "consumer_key": "consumer_key_1234567",
      "consumer_secret": "secret_1234567",
      "token_id": "token_1234",
      "token_secret": "token_secret_1234",

      "deploymentId": "xxxxxx",

      "scriptId": "xxxxx",
      "event.notification.enabled": false
    },
    "tags": [
      "xxxxxxxx"
    ],
    "name": "NetSuite Instance 1"
  }'
```

Parameters

See [NetSuite RESTlets API Provider Setup](#) for information on how to obtain authentication parameters.

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

Parameter	Description	Data Type
'key'	The connector key. netsuiterestlets	string
Name <code>name</code>	The name for the connector instance created during authentication.	Body
Account ID <code>account-id</code>	the NetSuite account ID	string
Consumer Key <code>consumer_key</code>	For Custom authentication, the consumer key of a token-based NetSuite integration.	string
Consumer Secret <code>consumer_secret</code>	For Custom authentication, the consumer secret of a token-based NetSuite integration.	string
Access Token ID		

<code>token_id</code>	For Custom authentication, the token ID of a token-based NetSuite integration.	string
Parameter	Description	Data
Access Token Secret	For Custom authentication, the token secret of a token-based NetSuite integration.	string
<code>token_secret</code>		
Deployment ID	The deployment ID from the deployed Netsuite record or suitescript.	string
<code>deploymentId</code>		
Script ID	The script ID of the deployed Netsuite record or suitescript.	string
<code>scriptId</code>		

Example Response

In this example, the authenticated connector instance ID is `12345` and token starts with `ABC/D...`. Your values will be different. Make sure that you save the `id` and `token` for future requests.

```
{
  "id": 12345,
  "name": "NetSuite Instance 1",
  "token": "ABC/D/efgHIJK1234lmnopQRS+1tuVWx+yz98765",
  "element": {
    "id": xxx,
    "name": "NetSuite Instance 1",
    "key": "netsuiterestlets",
    "description": "NetSuite Restlets",
    "active": true,
    "deleted": false,
    "typeOauth": true,
    "trialAccount": false,
    "configDescription": "NetSuite Restlets",
    "signupURL": ""
  },
  "provisionInteractions": [],
  "valid": true,
  "eventsEnabled": true,
  "disabled": false,
  "maxCacheSize": 0,
  "cacheTimeToLive": 0,
  "cachingEnabled": false
}
```