NetSuite RESTlets API Provider Setup

Last Modified on 03/01/2021 2:29 pm EST

To set up a new application in NetSuite, you must have administration integration privileges. Contact your system administrator if you do not have those privileges.

Enabling RESTlets

For RESTlets to work on Netsuite, please enable the feature on your account by navigating to:
Setup > **Company** > **Enable Features** > **SuiteCloud** > **Server SuiteScript**.

To authenticate a connector instance with NetSuite, you must know your Account ID,

Get your NetSuite Account ID

To locate your account ID:

1. Via a web browser, log in to your NetSuite production account http://netsuite.com/login
2. In the menu, click **Setup**, **Integration**, then **Webservice Preferences**.
3. Copy the **ACCOUNT ID**.

Custom Authentication

SAP Open Connectors supports NetSuite's token-based authentication with a custom authentication flow. For detailed provider information, see NetSuite's Token Based Authentication documentation.

> **Note:** To use token-based (Custom) authentication, set up a new user linked to a single role. If you use an existing user, they might have multiple roles and the role used by the web service might not match the role selected as the web services role.

In order to authenticate using token-based/custom authentication, you must provide:

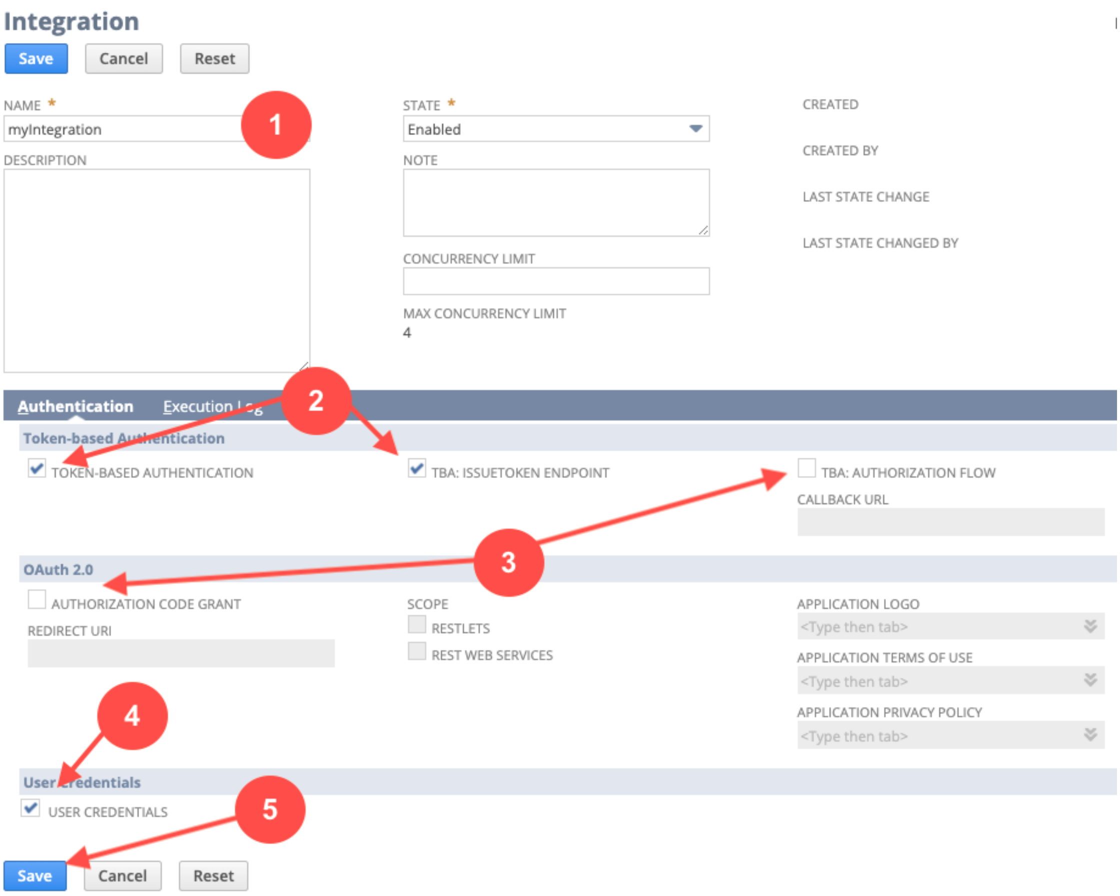
- Consumer key
- Consumer secret
- Access token ID
- Access token secret
- Deployment ID and Script ID

You will also need to enable token-based authorization for your account, create an integration record for your application, create a relevant role, assign the role to a user, and generate your credentials/token.

Follow these steps:

1. Sign in to Netsuite, navigate to **Setup > Company > Enable Features > Suite Cloud > Manage Authentication.** Enable Token-Based Authentication and click **Save**.

2. To create an integration record, navigate to **Setup > Integration > Manage Integrations** and select **New.**
3. On the **Integration** page, do the following:
    1. Provide a name for your integration in the **Name** field
    2. Enable **Token-Based Authentication** and **TBA: Issuetoken Endpoint**
    3. Disable **TBA: Authorization Flow** and **Authorization Code Grant**
    4. Enable **User Credentials**
    5. Click Save



After saving your integration, your consumer key and secret are displayed. Record these values, as this is the only time they will appear, and they cannot be retrieved again.

4. Create a new custom role for the token-based authentication user by navigating to **Setup > Users/Roles > Manage Roles > New**.

5. On the Role page, do the following:

    1. Provide a name for the role in the **Name** field.

    2. In the Setup tab of the Permissions section, add the **User Access Tokens** permission. Also add any additional relevant permissions based on your integration's needs and scope; for detailed information about available permissions, see Netsuite's documentation.

    3. Click **Save**.

6. After successfully creating the role, navigate to **Lists > Employees > Employees.** Either select an existing employee listing, or create a new one.

7. In the **Roles** section of the **Employee** page, assign the role you created above by selecting it from the **Role** menu and clicking **Add.** Click **Save** after assigning the role.

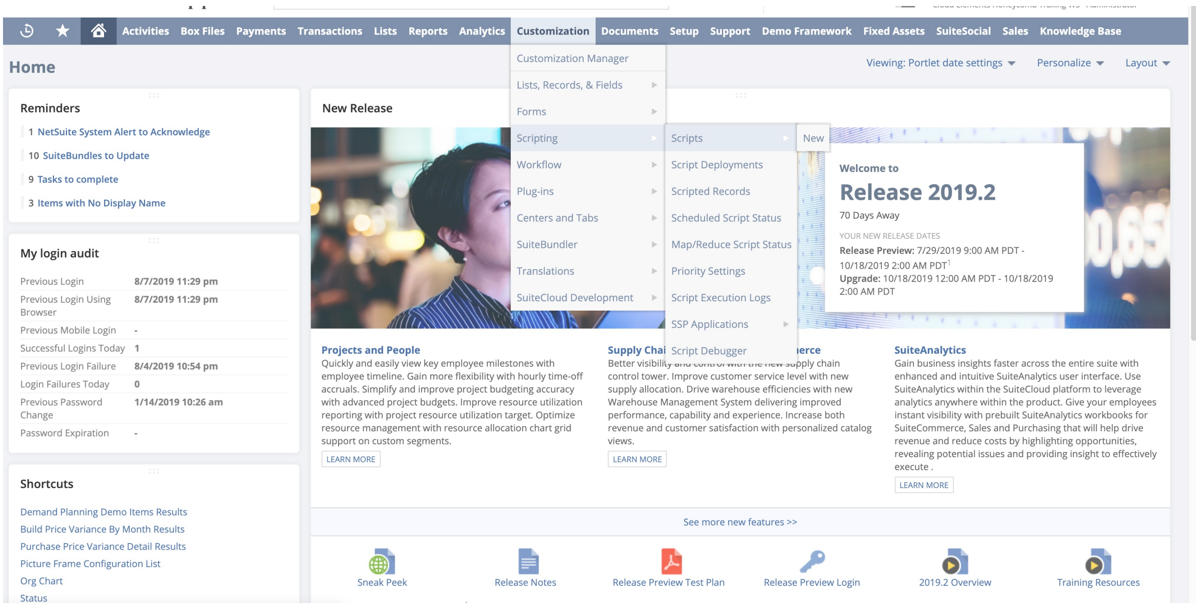
8. After creating the employee and assigning the role, navigate to **Setup > Users/Roles > Access Tokens > New.**

9. On the **Access Token** page, select the application, user, and role you created above. Add a name for your token, and then click **Save**.
   After saving the access token, your token ID and secret are displayed. Record these values; as with the consumer key and secret above, this is the only time the token ID and secret will be displayed.

Generating Script ID and Deployment ID

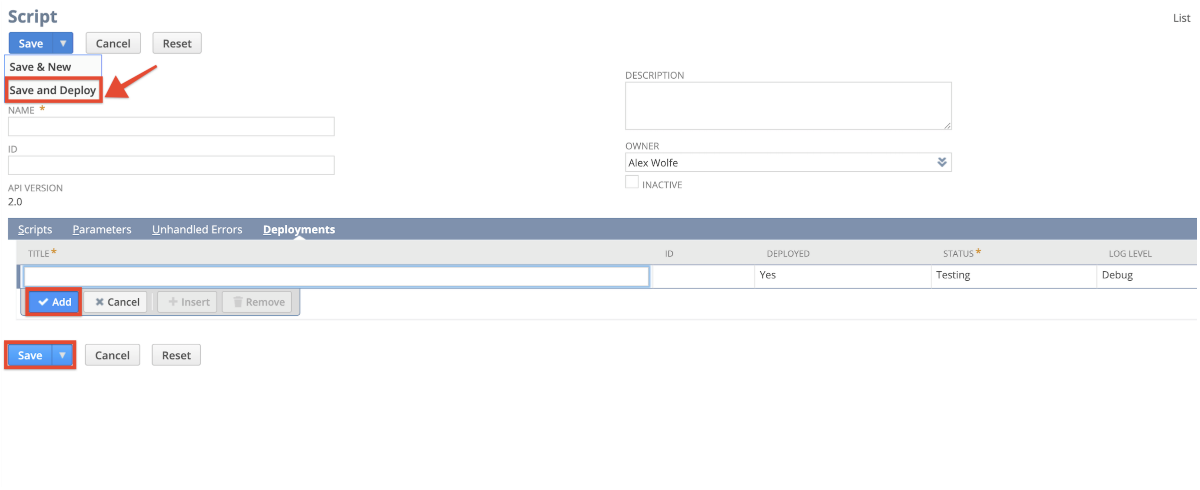
A NetSuite RESTlet is provided by SAP Open Connectors as a default script in the SAP Open Connectors NetSuite environment. Once deployed, a script Id and deployment Id is generated. Before provisioning an instance with Netsuite RESTlets, you need this script Id and the deployment Id. Here is how you can get them.

1. Pick your SuiteScript file from https://github.com/cloud-elements/netsuiterestlets-releases/releases.



   On the home page, click the **Customization** tab and navigate to **Scripting > Scripts > New,** as shown in the image above.
2. Upload your file and deploy it on the NetSuite environment.

3. Click **Create Script Record** after selecting the file you want to upload.



4. After you upload the file, **Save and Deploy** it.
5. A script Id and deployment Id is generated.
6. Use the script Id and deployment Id to provision your instance with NetSuite RESTlets.