

Netsuite Connected System

Oracle NetSuite is a cloud-based business management software that provides a comprehensive suite of applications for managing financials, customers, inventory, and more. One of the ways NetSuite enables customization and integration with external systems is through its support for RESTlets, which are custom RESTful web services that can be created within the NetSuite platform.

RESTlets in NetSuite are typically used for building custom integrations with external systems, allowing developers to expose custom functionality within NetSuite and interact with other systems using standard RESTful APIs. RESTlets are created using NetSuite's SuiteScript programming language, which is a JavaScript-based language designed specifically for customizing NetSuite. Developers can use SuiteScript to build RESTful endpoints that interact with NetSuite's data model and business logic, enabling them to create custom business logic and workflows within NetSuite.

RESTlets in NetSuite provide a high level of flexibility and customization for integrating with external systems. They allow developers to create custom RESTful endpoints that can be used to exchange data between NetSuite and other systems, including third-party applications and services. Additionally, NetSuite provides a comprehensive suite of RESTful APIs that developers can use to interact with NetSuite's data and functionality, enabling them to build powerful integrations and custom workflows within NetSuite.

Connected System Configuration


Connected System Properties

Netsuite
Connect with Oracle Netsuite.
Version: 1

NETSUITE

Name *

Description

Netsuite Configuration

Client ID *

Netsuite Account ID *

Certificate ID *

Certificate Private Key
***** (Clear)

Connection successful

TEST CONNECTION

CANCEL **USE IN NEW INTEGRATION** **SAVE**

Steps to get Credentials:

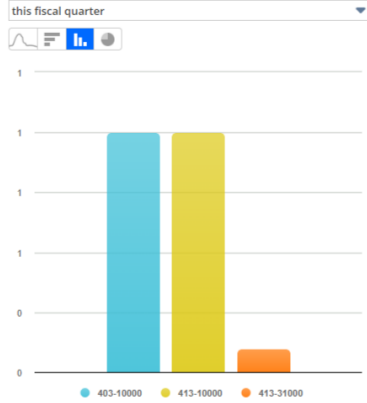
1. Log in to your netsuite account and navigate to **Setup** ➔ **Integration** ➔ **Manage Integrations** ➔ **New**.

Home

Reminders

No content
Please set up this portlet by clicking on the menu above.

Top 5 Items By Qty Sold



Quick Search

New Release



Continuous Employee Engagement

With SuitePeople Workforce Management, streamline shift scheduling, easily track hours, and automate wage calculations. SuitePeople Payroll seamlessly processes approved hours for payroll runs and automatically posts to the general ledger. The mobile app lets employees view their schedules, clock in and out, and request shift changes.

Learn more

Release Notes

Sneak Peek Blogs

Release Preview Guide

Setup Manager

- Company >
- Accounting >
- Sales >
- Marketing >
- Intranet >
- Site Builder >
- Import/Export >
- Users/Roles >
- Integration >
 - INTEGRATION MANAGEMENT
 - Custom >
 - Dunning >
 - License Client >
 - Records Catalog >
 - Manage Integrations >
 - Integration Governance
 - MANAGE AUTHENTICATION
 - SuiteSignOn >
 - SAML Single Sign-on
 - Device ID
 - OAuth 2.0 Client Credentials (M2M) Setup

Welcome to

Releas

Upgrade Phase
Upgrade Date:
5:00 AM EDT (C
Release Previ
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Preview (Check I

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NetSuite S
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2. Make sure to check the highlighted check boxes and click on **save** .

Integration List More

Save **Cancel**

NAME *
Test Integration

STATE *
Enabled

CREATED

DESCRIPTION

NOTE

CREATED BY

CONCURRENCY LIMIT

LAST STATE CHANGE

MAX CONCURRENCY LIMIT
14

LAST STATE CHANGED BY

Authentication **Execution Log**

Token-based Authentication

TOKEN-BASED AUTHENTICATION TBA: ISSUETOKEN ENDPOINT TBA: AUTHORIZATION FLOW

CALLBACK URL

OAuth 2.0

AUTHORIZATION CODE GRANT PUBLIC CLIENT

REDIRECT URI

CLIENT CREDENTIALS (MACHINE TO MACHINE) GRANT

SCOPE

RESTLETS

REST WEB SERVICES

SUITEANALYTICS CONNECT

APPLICATION LOGO
<Type then tab>

APPLICATION TERMS OF USE
<Type then tab>

APPLICATION PRIVACY POLICY
<Type then tab>

OAUTH 2.0 CONSENT POLICY
Always Ask

User Credentials

USER CREDENTIALS

Save **Cancel**

3. Client Id and secret will be generated and use the **Client ID** in the Connected system configuration.

Client Credentials

Warning: For security reasons, this is the only time that the Client Credentials values are displayed. After you leave this page, they cannot be retrieved from the system. If you lose or forget these credentials, you will need to reset them to obtain new values.

Treat the values for Client Credentials as you would a password. Never share these credentials with unauthorized individuals and never send them by email.

CONSUMER KEY / CLIENT ID

[Redacted]



CONSUMER SECRET / CLIENT SECRET

[Redacted]

4. Now navigate to **Setup** → **Integration** → **OAuth 2.0 Client Credentials (M2M) Setup** and click on **Create New**.

The screenshot shows a software interface with a navigation menu on the right. The menu items include: Setup Manager, Company, Accounting, Sales, Marketing, Intranet, Site Builder, Import/Export, Users/Roles, Integration, Custom, Dunning, License Client, and Records Catalog. The 'Integration' menu is expanded, showing sub-items: INTEGRATION MANAGEMENT, SOAP Web Services Preferences, SOAP Web Services Process Status, SOAP Web Services Usage Log, Manage Integrations, Integration Governance, MANAGE AUTHENTICATION, SuiteSignOn, SAML Single Sign-on, Device ID, and OAuth 2.0 Client Credentials (M2M) Setup. A yellow arrow points to the 'OAuth 2.0 Client Credentials (M2M) Setup' option.

5. Select your **Entity** from dropdown and select the **Application** as the one which was created previously (Test Integration in this case) .

Steps to create certificate and private keys

- a. Run the following command in the command prompt for any folder.


```
req -x509 -newkey rsa:3072 -keyout sw2021d_key.pem -out sw2021d_cert.pem -days 365 -nodes
```
- b. Certificate and private keys will be created in the folder.

Drag and drop the Certificate file here and use the **private key** in the Connected system configuration

The screenshot shows a dialog box titled 'Create a New Client Credentials Mapping'. It has the following fields: ENTITY (a dropdown menu with a redacted value), ROLE (Administrator), APPLICATION (Test Application), and CERTIFICATE (sw2021d_cert.pem). There is a 'Choose a file' button next to the certificate field. A 'Save' button is located at the bottom left of the dialog.

6. Now copy the **Certificate Id** and use it in the Connected System configuration.

- To locate your **NetSuite account ID**, you should check the beginning of your NetSuite URL. For instance, if your URL is `https://1234567.app.netsuite.com/`, then your account ID is 1234567.

Integration

The screenshot displays a web interface for testing a NetSuite integration. On the left, there is a configuration panel with the following fields:

- Connected System ***: A dropdown menu showing "DD CS Netsuite" with a close icon.
- Script Id ***: A text input field containing "808".
- Deploy Id ***: A text input field containing "1".
- Request Method ***: A dropdown menu set to "GET".
- Request Body**: A text area with a blue edit icon.

At the bottom of the configuration panel is a blue button labeled "TEST REQUEST".

On the right side, there is a results panel with three tabs: "Result" (selected), "Request", and "Response". The "Result" tab shows a green "Success!" message. Below this, the following details are displayed:

- Time**: 3,872 ms
- Prepare**: < 1 ms - **Execute**: 3,872 ms (Send/Wait/Receive: 3,870 ms) - **Transform**: < 1 ms
- Value: Result** (with a help icon):
 - Dictionary
 - response ""Hello, World!"" (Text)

Script ID and Deploy ID - They can be located in the restlet URL.

Script Deployment

Edit

Back

Actions ▾

SCRIPT

hw

STATUS

Released

TITLE

hw

LOG LEVEL

Error

ID

customdeploy1

URL

/app/site/hosting/restlet.nl?script=808&deploy=1

Here, 808 is the Script ID and 1 is the Deploy ID.

Request method - It specifies the Request method of the script to be executed. Valid values are: "GET", "PUT", "POST", "DELETE"

Body - Request body in JSON format that is used by script for execution. a!toJson can be used when passing a dictionary or map.