

Setup NetSuite Token Based (TBA) Authentication

Overview

The following instructions detail how to configure Token Based Authentication with the Administrator role in an account. This can be used for various external integrations with ICS Payroll, including [Payroll REST Integration](#).

NetSuite's token-based authentication (TBA) is a standard OAuth implementation. Full instructions for using TBA, are available from the NetSuite Help Centre:

- [Getting Started with Token-based Authentication](#)
- [Using OAuth in the Authorization Header](#)

For sample libraries and services that support TBA/OAuth, see:

- [OAuth Code Collection](#)

Instructions

1. Login as an **Administrator**
2. Go to *Setup > Company > Enable Features*
 - a. Under *SuiteCloud*, check **Token-Based Authentication**
 - b. Click **I Agree** in popup
 - c. Click **Save**
3. Select/create a **User / Employee** that the integration will function under
4. Go to: *Setup > Integration > Manage Integrations > New* and set the following fields
 - a. **Name** = ICS Payroll Integration
 - b. Under *Authentication*, mark the **TOKEN-BASED AUTHENTICATION** checkbox
 - c. Click **Save**
 - d. Record the displayed **Consumer Key** and **Consumer Secret** in a safe place
5. Log into NetSuite as the **User** (the one from step #3)
6. Select *Home > Set Preferences*
 - a. Set the *Date Format* to **DD/MM/YYYY**
 - b. Click **Save**
7. On the *Home* screen, from the *Settings* portlet, select **Manage Access Tokens**
8. Click **New My Access Token**
 - a. Select the *Integration* you created earlier (e.g. ICS Payroll Integration), from the **Application Name** field
 - b. Click **Save**
 - c. Record the displayed **Token ID** and **Token Secret** in a safe place
9. Input the recorded **Consumer Key**, **Consumer Secret**, **Token ID** and **Token Secret** into the application you are integrating.

Obtaining a Token programmatically

Alternatively, it's possible to obtain (issue and get) a token by calling a special endpoint with user credentials. For full details see NetSuite's Help Article: [Issue Token and Revoke Token REST Services for Token-Based Authentication](#)