Coupa NetSuite Treasury Bundle Integration Guide

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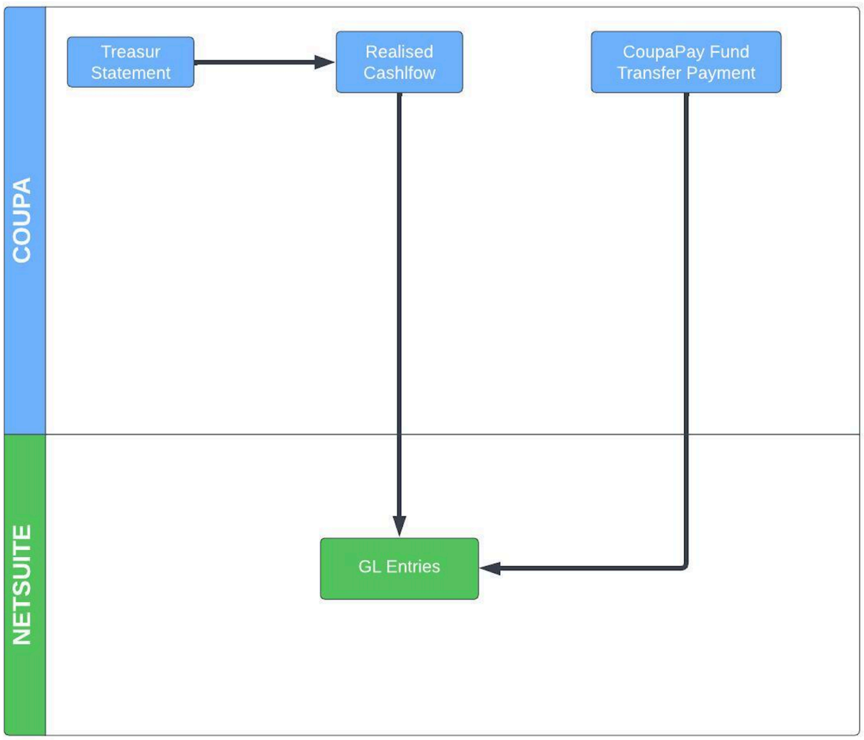
Treasury Dataflow and Integration points

Overview

The diagram below indicates the integration points between Netsuite and Coupa for the Treasury process for treasury customers already on AWS.



Integration Method

Coupa integrates seamlessly with Netsuite using the Coupa REST API and Netsuite's Suitescript. Coupa provides rich, robust access to read, edit, or integrate data via a RESTful API. This UTF-8 XML based interface allows you to create, update, and take action on individual records within Coupa by making an HTTP request call.

Built on industry standard JavaScript that ensures portability and rapid developer productivity, SuiteScript enables full-featured application-level scripting capabilities throughout NetSuite. Suitescript provides a complete set of flexible scripting models to support customization needs, including user event-based scripts and scheduled scripts. The Coupa Netsuite Integrations have been built to meet and comply with the documented practices for architecture, development, privacy and security of the Netsuite SuiteCloud platform and is certified and approved by the "BUILT FOR NETSUITE" program.

Coupa Netsuite Bundle scripts should not be modified. Modified scripts will not be supported by Coupa Support

Coupa Treasury Bundle

Client Installation/Upgrade Overview

Coupa leverages SuiteBundler, which makes it easy to package and deploy customizations and applications, built on the SuiteCloud platform. Whether you are moving customizations from a sandbox environment to production or looking for the latest Coupa to Netsuite integration package, SuiteBundler lets you easily manage groups of customizations, manage versioning and deploy customizations nearly instantaneously.

Activities

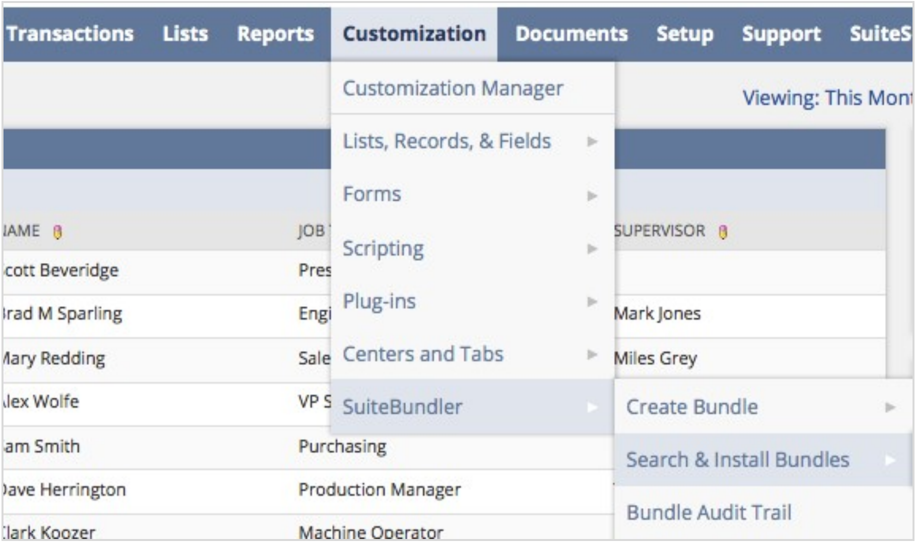
You will need to do the following deploy the Coupa / Netsuite Bundler

1	Locate the Coupa Bundle Script
2	Confirm contents of the Bundle
3	Install the Bundle
4	Confirm successful installation of the Coupa Bundle
5	Begin configuration

Locate the Coupa Bundle Script

Step 1.1
Ensure you have given your Netsuite Account ID to your Coupa Implementation Manager. Locate the Bundler

Navigation Path: Customization | SuiteBundler | Search & Install Bundles



Step 1.2
Search for “Coupa Treasury” and click on Bundle

Confirm contents of the Bundle

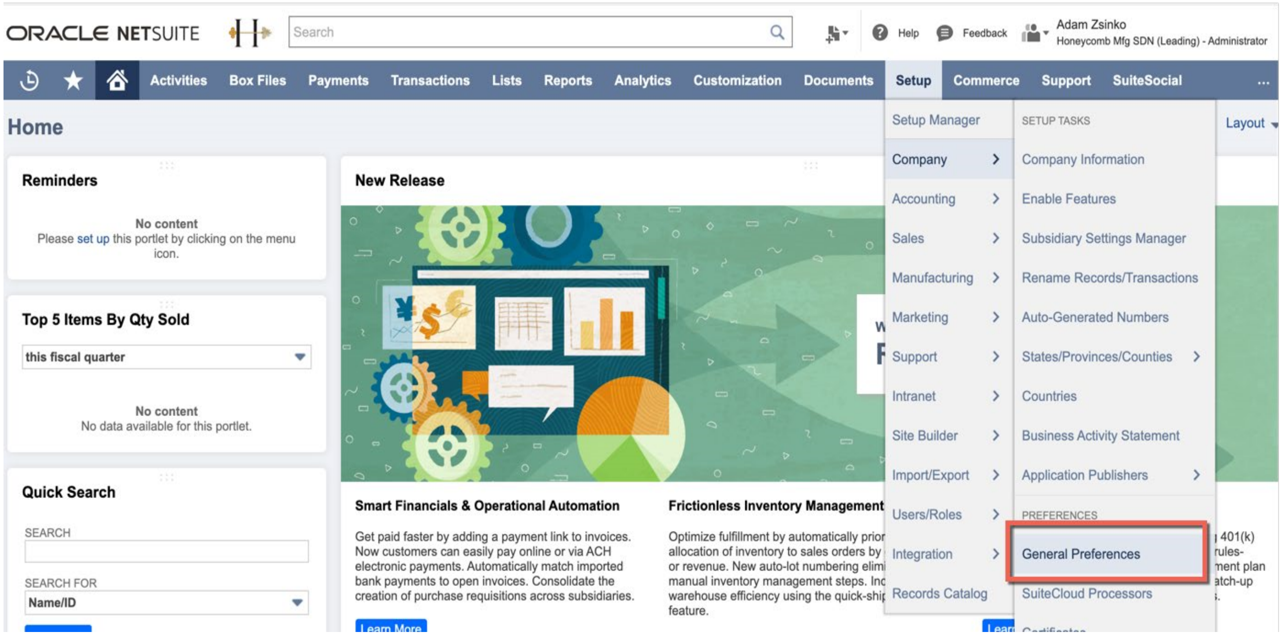
Step 1.3
Switch to the Components View and verify the contents of the Treasury bundle

Configuration of the Bundle

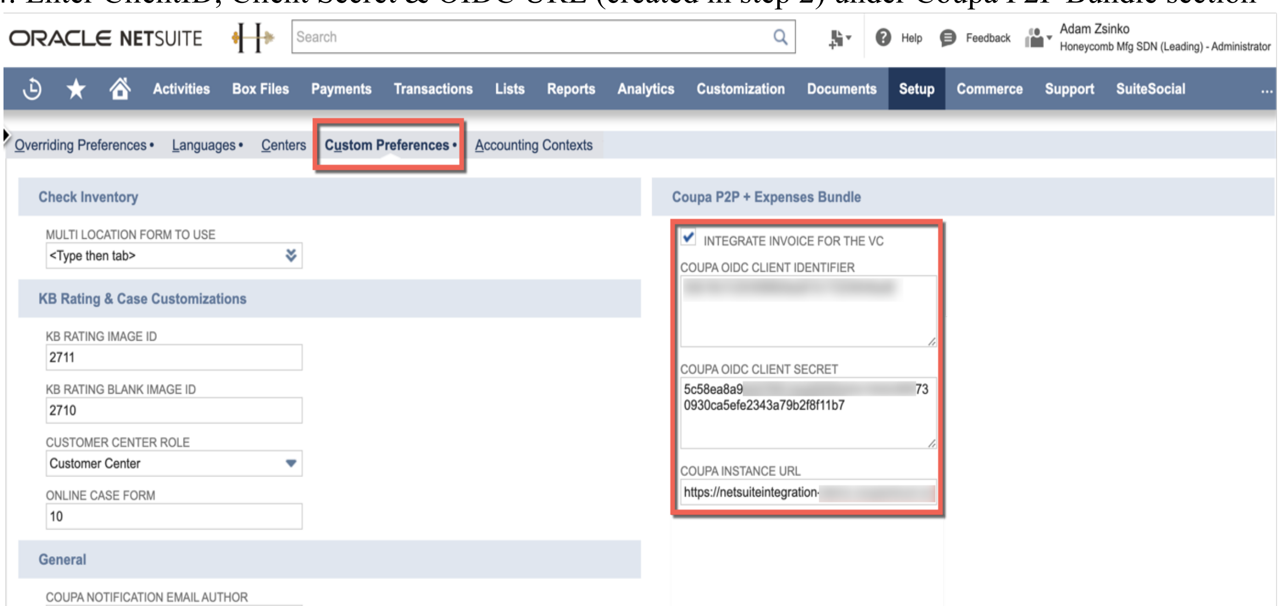
• OIDC configuration (optional)
With Coupa Release 31 secure Auth 2.0 API connectivity has been introduced. Netsuite Bundle is supporting this new API connectivity method.

1. Create OIDC connection as per [Coupa Success Article]
2. Setup OIDC scope for read/write for the objects integrated via the Netsuite Bundle

3. Login to Netsuite and go to **Setup** > **Company** > **General Preferences** > **Custom Preference**



4. Enter ClientID, Client Secret & OIDC URL (created in step 2) under Coupa P2P Bundle section



Coupa Treasury Realised Cash Flow to Netsuite GL

Overview

Realised Cash Flows created by imported Account Statements to Coupa Treasury can be automatically integrated to Netsuite as General Ledger Entries. Each GL record will have a link to the Coupa Treasury Cash Flow for full traceability.

The Script will integrated every new Realized Cash flow to Netsuite if GL from (on account) and GL to is setup on the cash flow record.

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Tips to help you succeed

- Ensure cash flow has GL entries added (by rule or manually)
- Ensure the Account has default GL setup in Coupa treasury

Pre-Requisites

- Customer Coupa Treasury is on AWS
- Coupa Netsuite Treasury Bundle installed on Netsuite
- Coupa OIDC auth created with custom permissions

Script Sequence Explained

This integration is scheduled, and will integrate new realized cash flow records periodically

- Script queries Coupa Treasury for new cash flow records
- If new realized cash flow record found (with GL from/to populated), integration creates corresponding GL entries in Netsuite

Deployment Parameter Setup

Now that you have successfully installed the bundle, you will need to decide which parameters are relevant for your Coupa implementation.

Activities

You will need to do the following to ensure a successful deployment of the Coupa Treasury Cash Flow Integration Script

1 **Review Parameter List**

2	Find and Define Deployment Parameter Values

Review Parameter List

Review parameter list and decide which ones are relevant to your company's implementation of Coupa.

Please note the fields that are mandatory are noted with an asterisk *

Script parameters

Label	Description	Id	Type	Example	Comment
Environment Type	Coupa Environment Type	custrecord_coupa_env_type	List/Rec		
Treasury URL	Coupa Treasury URL	custrecord_coupa_treasury_url	Free-Form Text	Hyperlink	
Error Sender Email	Sender Email	custrecord_coupa_email_sender	List/Record		
Error Email Receiver	Error Email Recipient	custrecord_coupa_error_to	Text		
Netsuite Account Name	NetSuite Account Name will be used in the error email's subject for better identification of the error source	custrecord_coupa_cashflow_account_name	Free-Form Text		
Coupa OIDC Client Identifier	OIDC identifier	custrecord_coupa_oidc_client_id	Free-Form Text		
Coupa Instance URL	Coupa Instance URL	custrecord_coupa_host_url	Hyperlink		
Coupa OIDC Client Secret	OIDC Secret	custrecord_coupa_oidc_client_secret	Text		
Department	Department Mapping, Department mapped to the GL Account Number	custrecord_coupa_cashflow_dept_map	Text	GL_ACCOUNT_NUMBER==NS_DEPARTMENT_ID 909==2;128221==2	
Class	Class Mapping, Class mapped to the GL Account Number	custrecord_coupa_cashflow_class_map	Text	GL_ACCOUNT_NUMBER==NS_CLASS_ID 909==5;128221==8	

Label	Description	Id	Type	Example	Comment
Subsidiary	Subsidiary Mapping, Subsidiary mapped to the GL Account Number	custrecord_coupa_cashflow_sub_map	Text	GL_ACCOUNT_NUMBER==NS_SUBSIDIARY_ID 909==3;128221==4	
Custom Form Mapping	Susidiary is mapped with Custom form	custrecord_coupa_cashflow_custom_form	Text	NS_SUBSIDIARY_ID==NS_CUSTOM_FORM_ID 3==260	
Export From CashFlow Date	For the first time execution, cashflows created after the selected date will be integrated to NS	custrecord_coupa_cashflow_from_cf_date	Date		
Custom Arguments	Custom arguments to be appended to the GET call	custrecord_coupa_cashflow_custom_args	Text		
Export to CashFlow date	For the first time execution, cashflows created before the selected date will be integrated to NS	custrecord_coupa_cashflow_to_cf_date	Date		
Limit exported records to	Select the limit of records returned by the GET call	custrecord_coupa_cashflow_inv_limit	Free Form Text		
Last Date of execution	Set by the script and not to be edited	custrecord_coupa_cashflow_last_exec	Date/Time		
Last Date of Cash Flow integration	Set by the script and not to be edited	custrecord_coupa_cashflow_last_cf_date	Date/Time		
Use Value date for Entry	If checked the script will use Value Date for posting period search	custrecord_coupa_cashflow_use_value_date	CheckBox		
Posting Period Cut Off	Positive and negative cut-off can be selected similar to Invoice integration script	custrecord_coupa_cashflow_cutoff_day	Free Form Text		

2 Find and Define Deployment Parameter Values

Navigation Path: Customization | Scripting | Scripts

Find the “Coupa Treasury Cash Flow” script deployment

Now you can click the Parameter menu item and start entering your specific values, please note your specific parameter values may vary based on your Coupa implementation.

Coupa Treasury Payment to Netsuite GL

Overview

Customers with Coupa Pay Treasury Payments may use this integration. The integration takes a Coupa Treasury Payments and turns it into a NetSuite GL.

In Netsuite intercompany Account Receivable (from Subsidiary) and intercompany Account Payable (to Subsidiary) General Ledger account must be created. The mapping from Subsidiary to AP & AR account must be specified in the script deployment parameters.

More details on NS setup can be found at https://docs.oracle.com/en/cloud/saas/netsuite/ns-online-help/section_4803443925.html

Script Sequence Explained

This integration runs on a schedule basis and will send Coupa Pay Treasury Payment data to Netsuite as General Ledger entries.

- Calling Coupa API to get Treasury Payments on a predefined schedule.
- The HTTP GET function is used to retrieve the Coupa Treasury Payments at “completed_successfully” status by default
- Script is used to generate the Netsuite intercompany GL entries

Activities

You will need to do the following to ensure a successful deployment of the Expense script.

1	**Review Parameter List**
2	**Find and Define Deployment Parameter Values**

Tips to help you succeed

- Payments will be pulled when moves to completed_successfully status. Do not populate “status” parameter

Pre-Requisites

- Coupa Treasury Bundle installed or P2P Bundle+TreasuryPayment script setup
- Coupa OIDC Auth created.
- Coupa GL Account setup

1 Review Parameter List

Review parameter list and decide which ones are relevant to your company's implementation of Coupa.

Please note the fields that are mandatory are noted with an asterisk *

Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your values**
Email Errors To	Comma separated list of emails to receive error notifications	custscript_coupa_trsry_pay_error_to	Text Area		test@coupa.com	
Email Errors From	NS Internal ID of the user the emails should be from	custscript_coupa_trsry_pay_email_from	Freefrom text		test@coupa.com	
Coupa URL	URL of your coupa instance	custscript_coupa_trsry_pay_host	Freeform text		https://netsuite-integrations.coupahost.com	
Payment status	Payment Status (	custscript_coupa_trsry_pay_status	Freeform text	Set to completed_successfully by default, DO NOT populate		
Custom Arguments	Custom API arguments	custscript_coupa_trsry_pay_custom_argts	Text Area	Custom arguments to be appended to the GET call		
Posting cut off	Posting cut off days	custscript_coupa_trsry_pay_cut_off_day	Free-Form Text	Positive and negative cut-off can be selected similar to Invoice integration script		
Fund transfer Account mapping	Account to subsidiary to AP to AR mapping	custscript_coupa_trsry_pay_ft_acc_map		4 tupple mapping: PayFrom Account	COUPA_PAY_FROM_ACCOUNT==NS_SUBSIDIARY_ID==INTERCOMPANY_A/P==INTERCOMPANY_A/R	

				Subsidiary Intercompany AP account Intercompany AR account		
Fund Transfer Class Mapping	Class mapping	custscript_coupa_trsry_pay_ft_class_map	Text Area		COUPA_PAY_FROM_ACCOUNT==NS_CLASS_ID	
Fund Transfer Department Mapping	Department	custscript_coupa_trsry_pay_ft_dept_map	Text Area		COUPA_PAY_FROM_ACCOUNT==NS_DEPARTMENT_ID	
Suppress Error email	Mute error email	custscript_coupa_trsry_pay_supp_email	CheckBox	To suppress Error email when Entity is missing	250	
Revers Posting Accounts	Revers postings in NS	custscript_coupa_rev_ic_acc_mapping	checkbox	Added 2.0.0		