Coupa NetSuite P2P Integration Guide

Doc Version 20.1.0
Last Updated: 2025-03-03 – Bundle 20.1.0

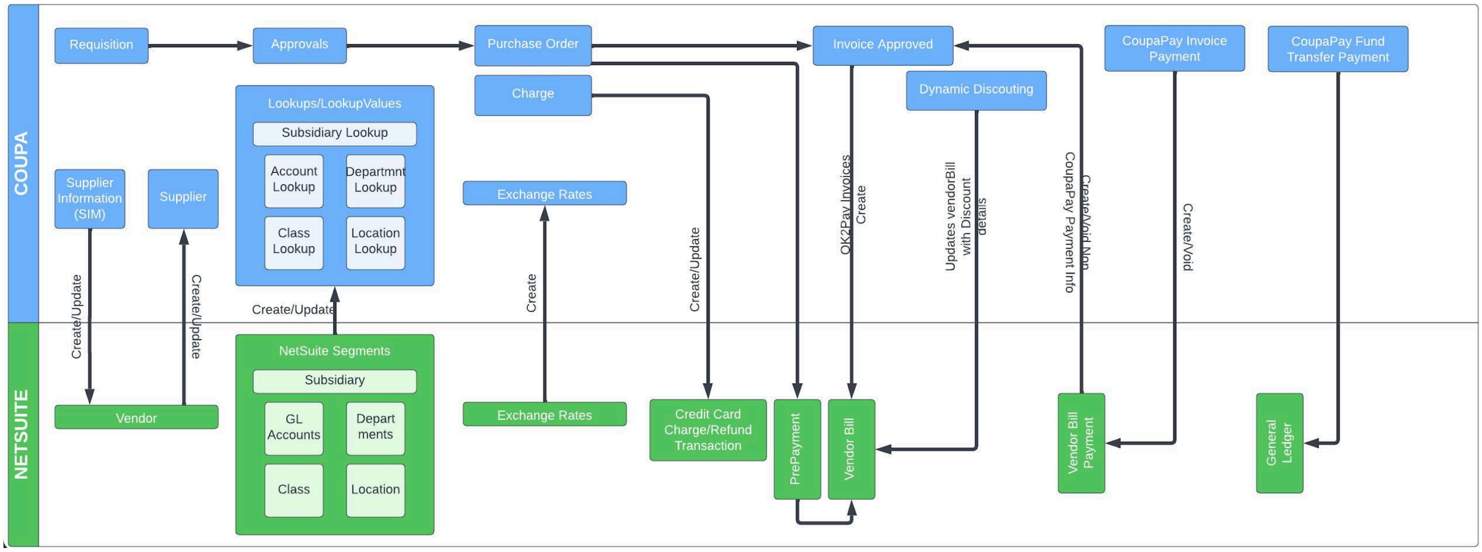
Contents

P2P Dataflow and Integration points

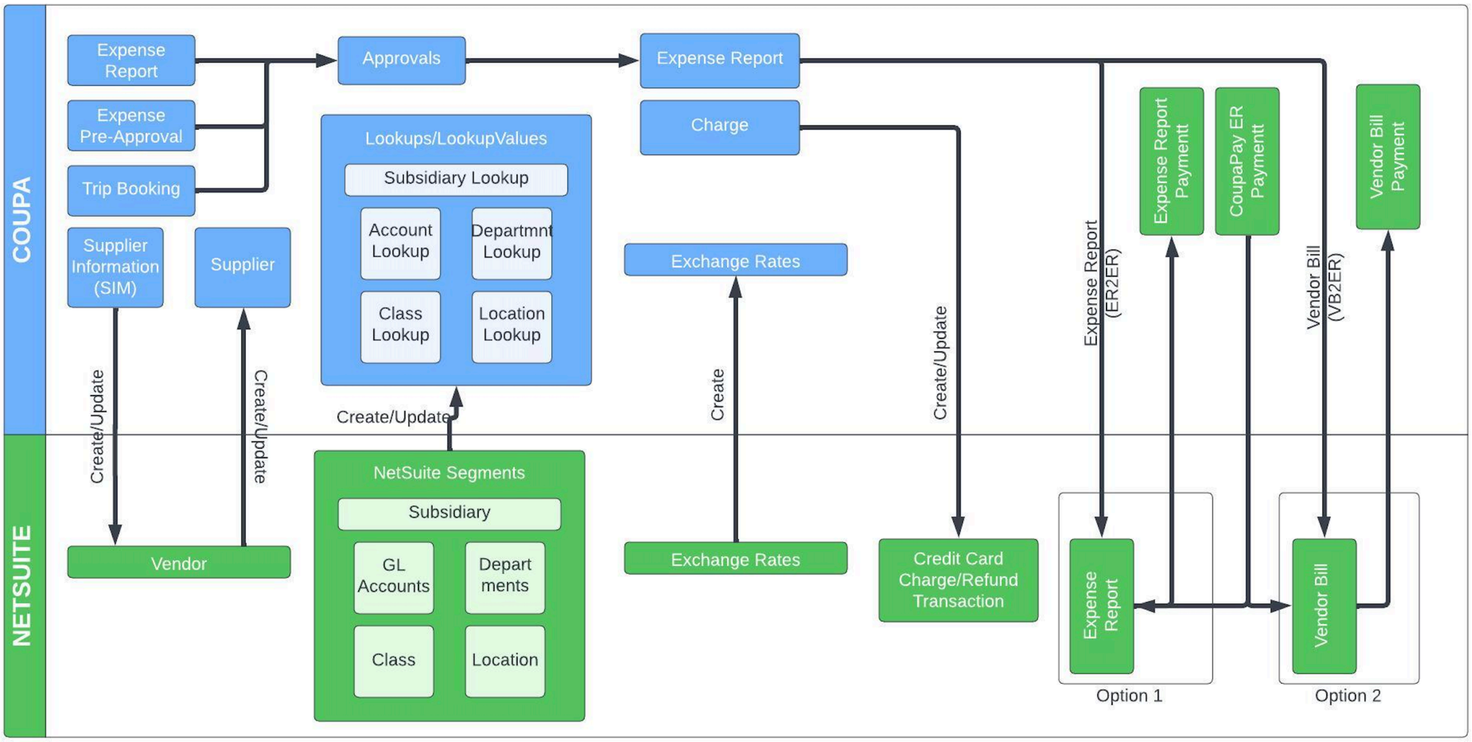
Overview P2P

The diagram below indicates the integration points between Netsuite and Coupa. Typically we have master data - suppliers, Netsuite GL Account attributes, exchange rates and transaction data - bill payments coming from Netsuite into Coupa and approved invoices going from Coupa into Netsuite.
Customers using Coupa Pay may take Virtual Card Charges for PO Payments from Coupa to Netsuite as Credit Card Transactions and Coupa Invoice Payments from Coupa to Netsuite as Vendor Bill Payments. (highlighted red)

With SIM (Supplier Information Management), new supplier records can be initiated via a supplier information request from within Coupa. Once all the information is populated, the supplier record is created in NetSuite and simultaneously activated in Coupa. The diagram below indicates the additional integration points which include SIM.



Overview Expenses



Product Limitations

Coupa NetSuite Bundle has been developed for Corporate and Mid-Market Customers.
To ensure optimal performance and processing efficiency, the system operates within the following hard limits:

- **Subsidiary Management**: Customer has up to **120** subsidiaries.
- **Invoice Detail**: Accommodates a maximum of **100** line items per individual invoice.
- **Payment Processing**: Supports the consolidation of up to **100** invoices into a single payment transaction

Anything above these limits will not be supported by the Coupa NetSuite Bundle and customer shall develop their own integration to support their NetSuite setup.

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.

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

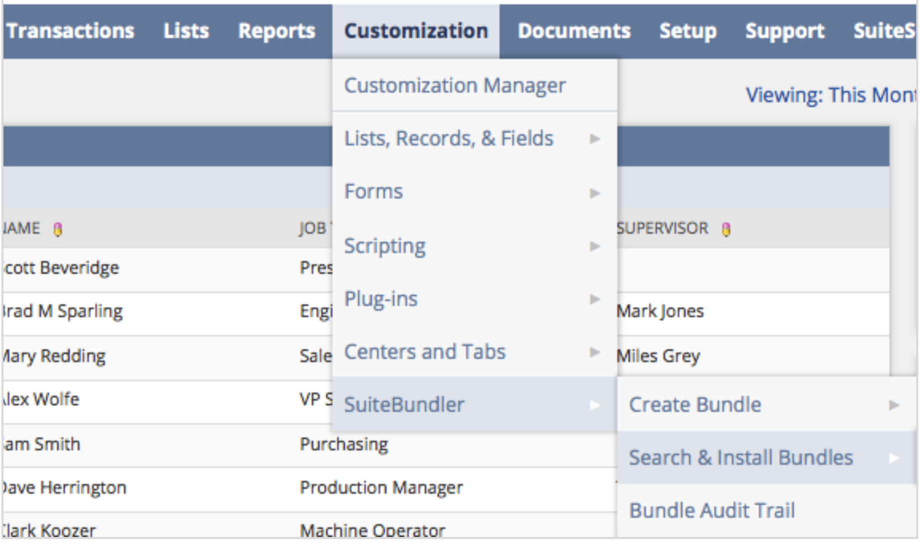
5 Begin configuration

Locate the Coupa Bundle Script

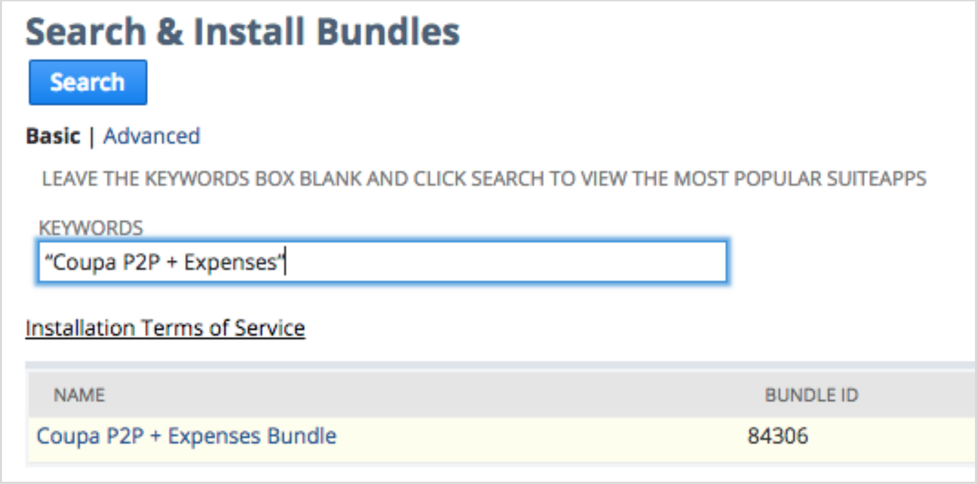
Step 1.1
Ensure you have given your Netsuite Account ID to your Coupa Implementation Manager.

Locate the Bundler

Navigation Path: Customization | SuiteBundler | Search & Install Bundles



Step 1.2
Search for "Coupa P2P + Expenses" and click on Bundle



Search & Install Bundles

LEAVE THE KEYWORDS BOX BLANK AND CLICK SEARCH TO VIEW THE MOST POPULAR SUITEAPPS

KEYWORDS
"Coupa P2P + Expenses"

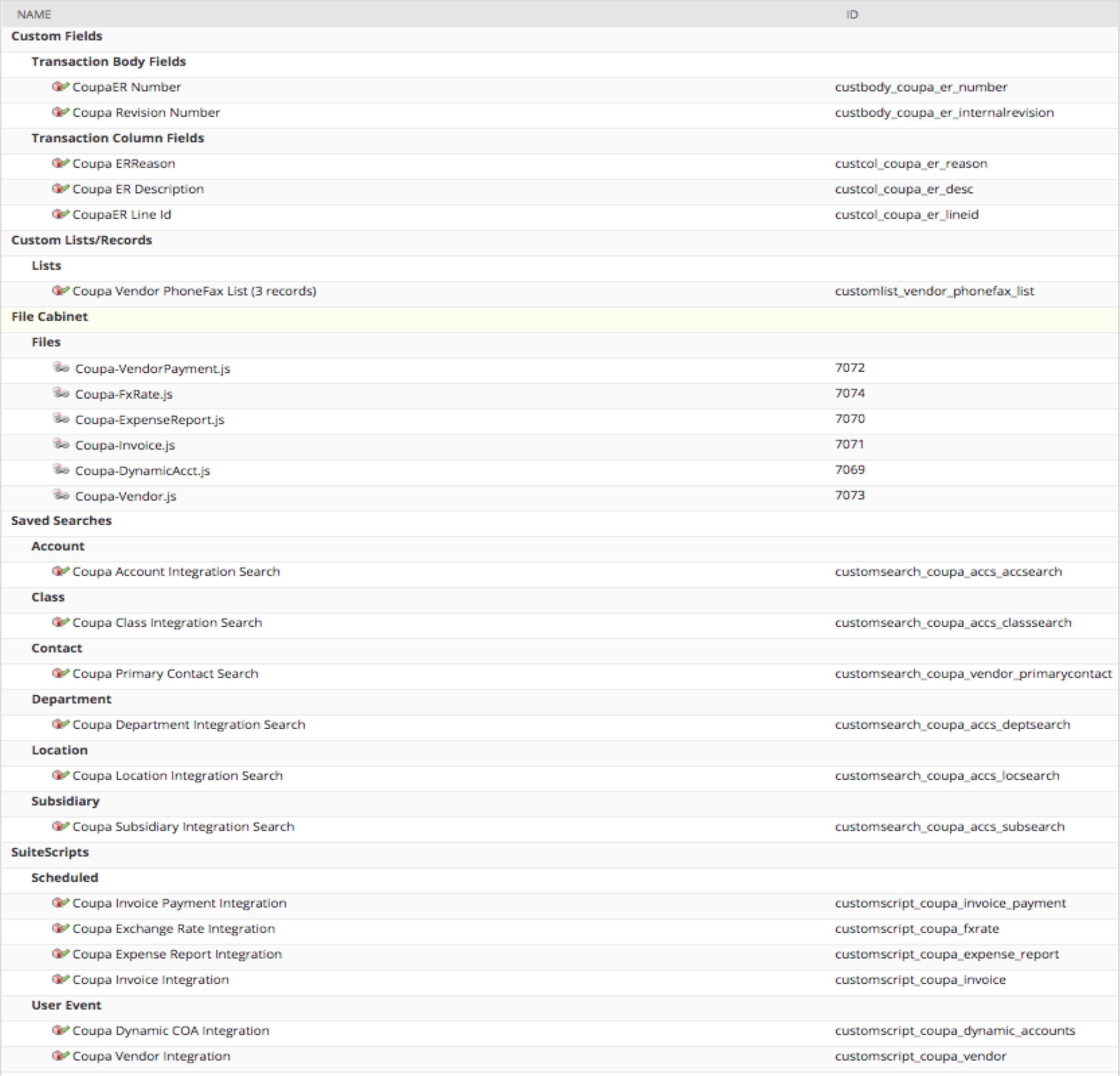
Installation Terms of Service

NAME	BUNDLE ID
Coupa P2P + Expenses Bundle	84306

Confirm & Install contents of the Bundle

Step 1.3

Switch to the Components View and verify the contents match below:



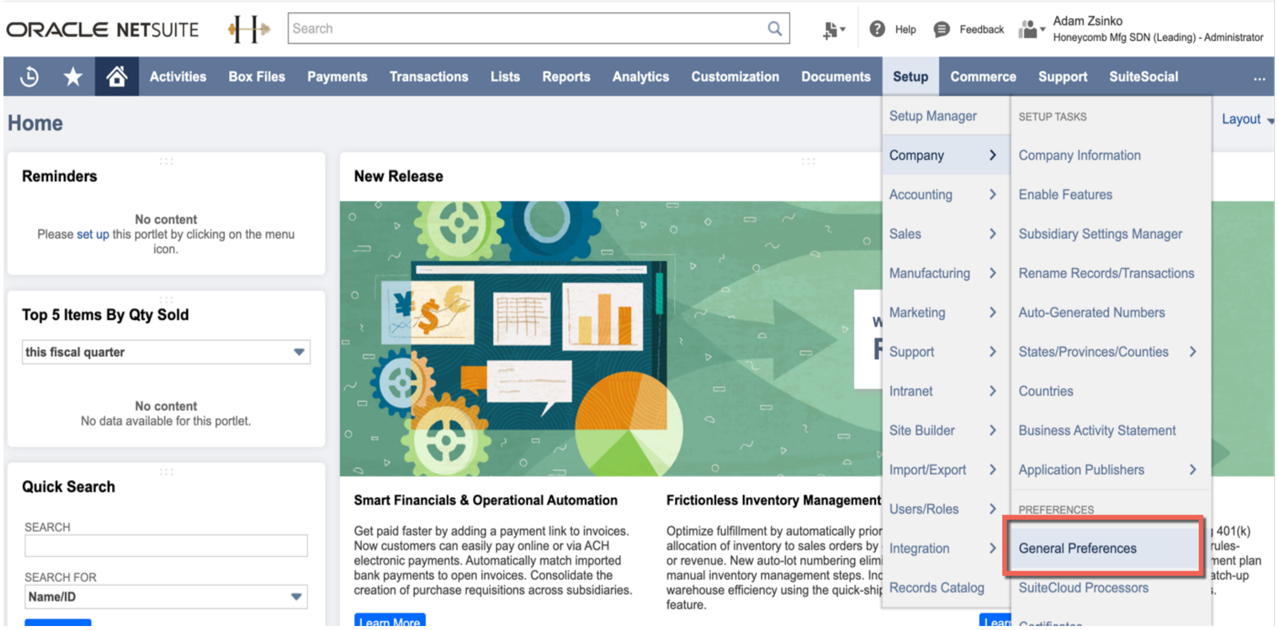
NAME	ID
Custom Fields	
Transaction Body Fields	
CoupaER Number	custbody_coupa_er_number
Coupa Revision Number	custbody_coupa_er_internalrevision
Transaction Column Fields	
Coupa ERReason	custcol_coupa_er_reason
Coupa ER Description	custcol_coupa_er_desc
CoupaER Line Id	custcol_coupa_er_lineid
Custom Lists/Records	
Lists	
Coupa Vendor PhoneFax List (3 records)	customlist_vendor_phonefax_list
File Cabinet	
Files	
Coupa-VendorPayment.js	7072
Coupa-FxRate.js	7074
Coupa-ExpenseReport.js	7070
Coupa-Invoice.js	7071
Coupa-DynamicAcct.js	7069
Coupa-Vendor.js	7073
Saved Searches	
Account	
Coupa Account Integration Search	customsearch_coupa_accs_accsearch
Class	
Coupa Class Integration Search	customsearch_coupa_accs_classsearch
Contact	
Coupa Primary Contact Search	customsearch_coupa_vendor_primarycontact
Department	
Coupa Department Integration Search	customsearch_coupa_accs_deptsearch
Location	
Coupa Location Integration Search	customsearch_coupa_accs_locsearch
Subsidiary	
Coupa Subsidiary Integration Search	customsearch_coupa_accs_subsearch
SuiteScripts	
Scheduled	
Coupa Invoice Payment Integration	customscript_coupa_invoice_payment
Coupa Exchange Rate Integration	customscript_coupa_fxrate
Coupa Expense Report Integration	customscript_coupa_expense_report
Coupa Invoice Integration	customscript_coupa_invoice
User Event	
Coupa Dynamic COA Integration	customscript_coupa_dynamic_accounts
Coupa Vendor Integration	customscript_coupa_vendor

Configuration of the Bundle

- API - 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**



Reminders

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

Top 5 Items By Qty Sold

this fiscal quarter

No content
No data available for this portlet.

Quick Search

SEARCH

SEARCH FOR
Name/ID

New Release

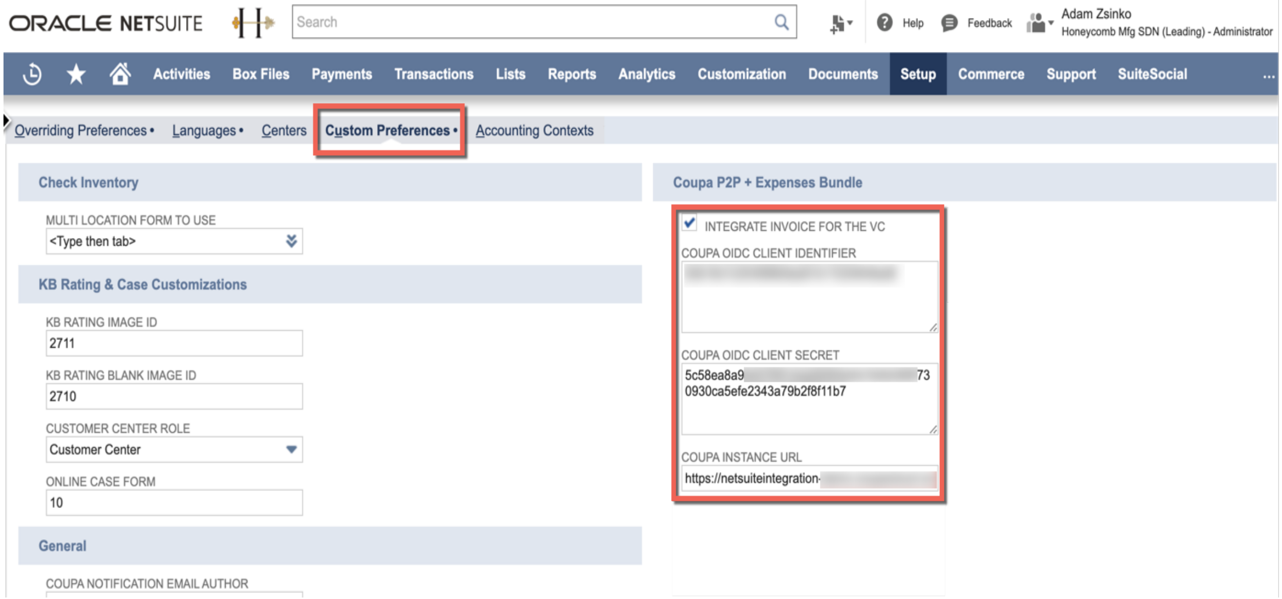
Smart Financials & Operational Automation

Get paid faster by adding a payment link to invoices. Now customers can easily pay online or via ACH electronic payments. Automatically match imported bank payments to open invoices. Consolidate the creation of purchase requisitions across subsidiaries.

Frictionless Inventory Management

Optimize fulfillment by automatically prior allocation of inventory to sales orders by or revenue. New auto-lot numbering elimi manual inventory management steps. Inc warehouse efficiency using the quick-ship feature.

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



Check Inventory

MULTI LOCATION FORM TO USE: <Type then tab>

KB Rating & Case Customizations

KB RATING IMAGE ID: 2711

KB RATING BLANK IMAGE ID: 2710

CUSTOMER CENTER ROLE: Customer Center

ONLINE CASE FORM: 10

General

COUPA NOTIFICATION EMAIL AUTHOR

Coupa P2P + Expenses Bundle

☑ INTEGRATE INVOICE FOR THE VC

COUPA OIDC CLIENT IDENTIFIER: [redacted]

COUPA OIDC CLIENT SECRET: 5c58ea8a9[redacted]73
0930ca5efe2343a79b2f8f11b7

COUPA INSTANCE URL: https://netsuiteintegration-[redacted]

Netsuite Vendor to Coupa Supplier 2.0

Overview

PLEASE UPGRADE YOUR VENDOR SCRIPT TO VENDOR 2.0 SCRIPT. Vendor 1.0 script will be deprecated and will NOT be maintained from release 15.0.0 onwards.

This integration syncs up Vendor records between Netsuite and the Supplier record in Coupa. Netsuite is the vendor master and the records flow from Netsuite into Coupa. The User Event Suitescript is used to capture the "create" and "update"/"delete" events. Based on the event type either a new Supplier is created in Coupa or an existing Supplier in Coupa is updated. On the Vendor record in Netsuite you can set if you want to integrate the record to Coupa.

Script Sequence Explained

This integration is real time as the Vendor record is created/updated in Netsuite

- The Coupa API call to create/update the supplier record is called as soon as the Netsuite user event is captured
- The nlapiLoadRecord('vendor', recordid) function is used to read the Netsuite vendor record
- The nlapiRequestURL function is used to do a HTTP POST/PUT to create/update the supplier record in Coupa.

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 Vendor Integration Script

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

Tips to help you succeed

- Ensure your vendor record in Netsuite is associated with the appropriate subsidiary values and currency association.
- Ensure the supplier name is unique in Coupa
- Only load NetSuite vendors in Coupa that you will create transactions for in Coupa
- Once vendor records are created in Coupa ensure supplier record has appropriate Coupa configuration based on your business process

Pre-Requisites

- Coupa P2P & Expenses Bundle deployed
- Coupa API Key or OIDC auth created
- You will need to baseline the Coupa Suppliers via the CSV UI Loader

1 Review Parameter List Vendor 2.0

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

Script Definition					Script Deployment	
Label	**Explanation**	**Id**	**Type**	**Comments**	**Example**	**Your Value**
Coupa Instance URL*	The Coupa instance the integration connects to	custscript_coupa_vi_mr_host_url	hyperlink		https://abc.coupahost.com	
Error Email Receiver*	Error recipient	_custscript_coupa_vi_mr_email_receiver	Free-Form Text		abc@abc.com, abcd@abcd.com	
Error Email Sender	Error email sender	custscript_coupa_vi_mr_email_sender	List/Record			
Account Name*	As per standard, it will be company name with which environment its been setup (Test or Prod)	custscript_coupa_vi_mr_account_name	Free-Form Text	<Test/Prod>	Coupa Test	
Include in Coupa Field ID	Configuration that allows/disallows a supplier record to be sent to Coupa	custscript_coupa_vi_mr_integration_flag	Free-Form Text	Internal id of an existing field or custom field. The custom field on the vendor record should be a checkbox		
Invoice Matching Level	Invoice matching level that is defined for this supplier.	custscript_coupa_vi_mr_inv_match_level	Free-Form Text	If no parameter is defined 2-way match will default for all records. 2-way or 3-way or :NetSuite_field _id	2-way	
Payment Method	Payment method	custscript_coupa_vi_mr_payment_method	Free-Form Text	if there’s no default value, please set it as :customfield or :existingfieldname from where the script will get the value. Value can be invoice or coupa_pay	invoice	

Script Definition					Script Deployment	
Label	**Explanation**	**Id**	**Type**	**Comments**	**Example**	**Your Value**
Invoice Emails IDs	Registered email addresses allowed to send invoices	custscript_coupa_vi_mr_invoice_emails	Free-Form Text			
Send Invoice To Approvals	If yes, then invoices will all be sent thru approvals, regardless of total amount.	custscript_coupa_vi_mr_route_inv_for_app	Free-Form Text	the value could be default:customfield if there's no default value, please set it as :customfield or :existingfieldname from where the script will get the value. if there's only default, enter only default value	Yes	
Allow Invoicing From CSP	If yes, then the supplier can create invoices against their POs or Contracts in CSN	custscript_coupa_vi_mr_allow_csp_invoice	Free-Form Text	the value could be default:customfield if there's no default value, please set it as :customfield or :existingfieldname from where the script will get the value. if there's only default, enter only default value	Yes:	
Content Group Field ID	Allows the supplier record in Coupa to be associated with content group(s)	custscript_coupa_vi_mr_content_grp_value	Free-Form Text	the value should be the internal id of the field that holds the name of the content field. Multiple content groups are delimited by , (comma)	_coupa_content_group	
Use Company Name as Display Name	Use Company Name as Display Name in Coupa	custscript_coupa_vi_mr_use_display_name	Check-box			
Skip Syncing Phone Number to Coupa	Skip phone number integration	custscript_coupa_vi_mr_skip_phone_number	Check-box			
Override PO Method	Allows overriding the standard mapping for the PO Email field	custscript_coupa_vi_mr_po_methd_override	Free-Form Text	the value should be the internal id of the field that holds the PO emails. Multiple POs can be delimited by , (comma)	_coupa_poemail	

Script Definition					Script Deployment	
Label	**Explanation**	**Id**	**Type**	**Comments**	**Example**	**Your Value**
Skip PO Method Update	Skip Po Method integration on Vendor Update	custscript_coupa_vi_mr_skip_pomethod	Check-box			
PO Email Override		custscript_coupa_vi_mr_po_email_override	Free-Form Text			
Custom Fields Count*	Define the number of custom fields to be integrated.	_vendor_customfieldscount	Integer Number	0,1,2,…	0	
Content Group Field ID		custscript_coupa_vi_mr_content_grp_value	Free-Form Text			
Content Group Mapping	Map subsidiary to Coupa Content Group	custscript_coupa_vi_mr_content_grp_map	Free-Form Text		NetSuite_Subsidiary_Name1==Coupa_Content_Group1;NetSuite_Subsidiary_Name2==Coupa_Content_Group2	
Custom Body Field Mappings	Map custom	custscript_coupa_vi_mr_custom_body_field	Free-Form Text			
Enable Chart of Accounts Sync		custscript_coupa_vi_mr_sync_coa_values	Check-box		T or F	
Skip Syncing Remit-To Addresses to Coupa	Skipping the remitto mapping	custscript_coupa_vi_mr_skip_rta_sync	CheckBox		T or F	
Coupa Supplier ID Field's ID		custscript_coupa_vi_mr_vendor_id_field	Free-Form Text			
NetSuite Subsidiary to Coupa Custom Field		custscript_coupa_vi_mr_subs_to_custfield	Free-Form Text			

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	**Explanation**	**Id**	**Type**	**Comments**	**Example**	**Your Value**
Include in Coupa Field ID	internID of the checkbox field on Vendor Record	custscript_coupa_vi_ue_integration_flag	FreeForm-text		internID of the checkbox field on Vendor Record	
Coupa Instance URL	Coupa host	custscript_coupa_vi_ue_host_url	Hyperlink			
Account Name		custscript_coupa_vi_ue_account_name	FreeForm-text			
Error Email Receiver	Receiver for Errors	custscript_coupa_vi_ue_error_email_to	Text			
Error Email Sender	Sender for Error emails	custscript_coupa_vi_ue_error_email_from	List/record			
Update Tax registration	Update Tax registration	custscript_coupa_update_tax_reg	Checkbox		Added 17.0.0	

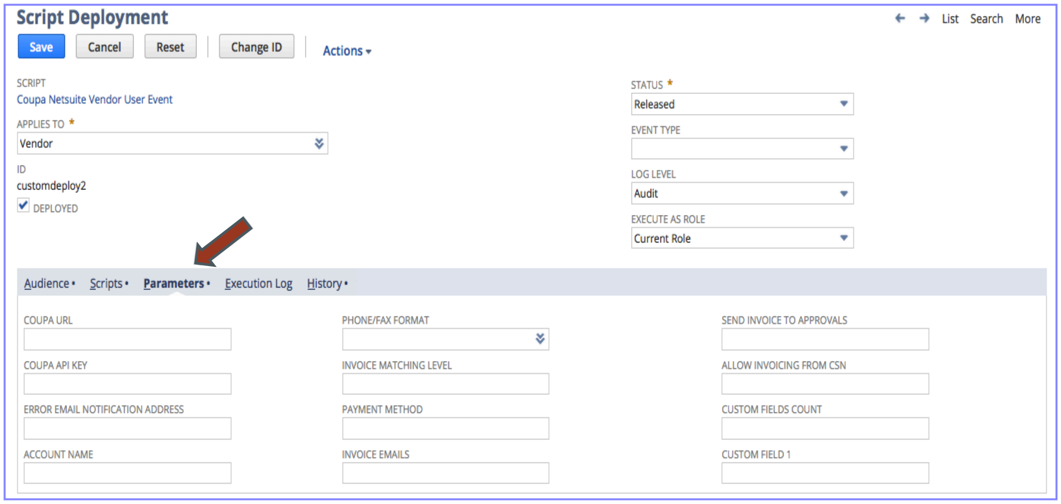
2 Find and Define Deployment Parameter Values

Navigation Path: Customization | Scripting | Scripts
Find the “Coupa Vendor Integration” script

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.

Please refer back to the parameters table for guidance.

Script Deployment



SCRIPT
Coupa Netsuite Vendor User Event

APPLIES TO *
Vendor

ID
customdeploy2

☑ DEPLOYED

STATUS *
Released

EVENT TYPE

LOG LEVEL
Audit

EXECUTE AS ROLE
Current Role

COUPA URL

COUPA API KEY

ERROR EMAIL NOTIFICATION ADDRESS

ACCOUNT NAME

PHONE/FAX FORMAT

INVOICE MATCHING LEVEL

PAYMENT METHOD

INVOICE EMAILS

SEND INVOICE TO APPROVALS

ALLOW INVOICING FROM CSN

CUSTOM FIELDS COUNT

CUSTOM FIELD 1

After you are done you can click the Save button and now the Script is successfully deployed.

2 Find and Define Deployment Parameter Values

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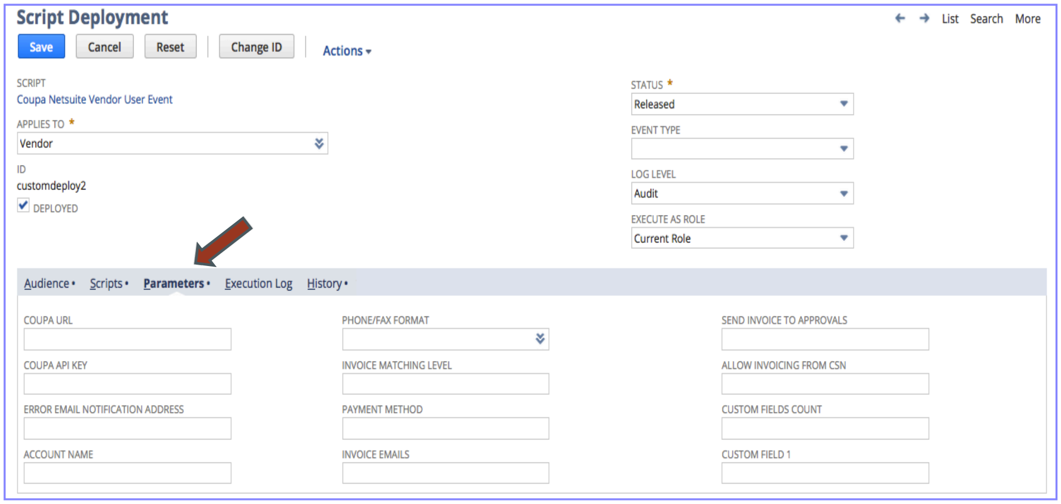

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PAYMENT METHOD

INVOICE EMAILS

SEND INVOICE TO APPROVALS

ALLOW INVOICING FROM CSN

CUSTOM FIELDS COUNT

CUSTOM FIELD 1

After you are done you can click the Save button and now the Script is successfully deployed.

Coupa SIM Supplier to NetSuite Vendor

Overview

If you have purchased the SIM module, you will be able to create new suppliers in NetSuite via Coupa SIM integration. You will also be able to update them via integration. This integration allows you to standardize your supplier onboarding and require much of the vendor information to be provided directly by the supplier. Once provided, the information will be able to flow into NetSuite and create a new vendor or update it. Once the vendor is created in NetSuite, the Netsuite Vendor to Coupa Supplier activates the vendor in Coupa and updates the Coupa record with the SIM form information.

Script Sequence Explained

This integration is scheduled as the Coupa SIM request triggers the creation of a pending supplier in Coupa which is only available for transactions after successfully creating a Vendor in Netsuite.

- The SIM request goes to the supplier
- The Supplier fills out the requested information and submits it back to your Coupa system
- The final SIM information is sync'd into Netsuite to create a new Netsuite Vendor record.
- The Coupa API call to update the Coupa supplier record is called as soon as the Netsuite vendor is updated which activates it in Coupa.
- The nlapiLoadRecord('vendor', recordid) function is used to read the Netsuite vendor record
- The nlapiRequestURL function is used to do a HTTP POST/PUT to update the supplier record in Coupa.

Deployment Parameter Setup

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

Tips to help you succeed

- Esure you have purchased SIM
- Ensure you have created your SIM Forms for New Supplier, External Supplier and Internal Supplier updates.
- Create your SIM Sequential Form Mappings or your previously created NetSuite suppliers, trigger the information request using the Supplier list in Coupa.

Pre-Requisites

- Coupa P2P & Expenses Bundle deployed
- Coupa API key or OIDC auth created with custom permissions

Activities

You will need to do the following to ensure a successful deployment of the Coupa SIM 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
Coupa URL*	The Coupa instance the integration connects to	_coupa_sim_url	Free-	https://abc.coupahost.com	
Coupa API Key*	The API key for Coupa's REST based API	_coupa_sim_apikey	Free-Form Text	4dtyr7657fgfh5757fghhg Note: Don't forget to edit the permissions of the key, because the default API Key permissions did not yet include SIM as of R20	
Vendor Mapping	Defines the mappings between coupa SIM custom fields and netsuite custom fields for Vendor. In the example to the right, we want to make sure every new vendor is setup as "email" po method, so instead of using the default SIM PO Method, we create a custom field lookup, and only include email as the default lookup choice.	_coupa_sim_vendor_mapping	Free-Form Text	po-transmission-method/external-ref-num==custentity_coupa_po_method_rec;default-commodity/id==custentity_coupa_default_commodity	
Address Mapping	Defines the mappings between coupa SIM custom fields and netsuite custom fields for Addresses	_coupa_sim_address_mapping	Free-Form Text	Coupacustomfield1==NScustomfield1;Coupacustomfield2/id==NScustomfield2	
Bank Rec Mapping	Defines the mappings between coupa SIM custom fields and netsuite Bank record fields fields	_coupa_sim_bank_mapping	Free-Form Text	Coupacustomfield1==NScustomfield1;Coupacustomfield2/id==NScustomfield2	

Label	Description	Id	Type	Example	Comment
Contact Rec Mapping	Defines the mappings between coupa SIM custom fields and netsuite contact fields	_coupa_sim_contact_mapping	Free-Form Text	Coupacustomfield1==NScustomfield1;Coupacustomfield2/id==NScustomfield2	
Default Subsidiary ID	Defines the default subsidiary ID if subsidiary is not mapped using custom below	_coupa_sim_default_sub	Free-Form Text	i.e. 5	
Custom Subsidiary Coupa ID	Defines Coupa SIM custom field which houses the NetSuite Subsidiary. This will define the primary subsidiary in the netsuite vendor record	_coupa_sim_custom_sub	Free-Form Text	subsidiary/external-ref-num	
"TO" Email Addresses for errors	Where to email errors in this integration	_coupa_sim_error_to	Free-Form Text	tim@gogogo.com	
"FROM" Email address for errors	Who will be displayed as the sender in those error emails	_coupa_sim_error_from	Free-Form Text	tim@gogogo.com	
Vendor "INCLUDE IN COUPA" Parameter ID	This allows the SIM interface to check the box on the new Netsuite Vendor record which causes the vendor integration to include this new vendor in future integrations.	_coupa_sim_vendor_include	Free-Form Text	custentity_vend_include_in_coupa	
Payment File Format ID	This is the coupa custom field which houses the custrecord_2663_entity_file_format for future payments to this vendor. Newly created bank details will be marked as Primary, and the existing primary record will be demoted.	_coupa_sim_payment_format	Free-Form Text	netsuite-payment-file-format/external-ref-num	
Vendor Integration PO METHOD	This is where to store the PO Method.	_coupa_po_method_parameter	Free-Form Text	Netsuitecustomfield1	
Use Display Name as Company Name	This will override the Supplier Name with the whatever was specified in the "Display Name"	_coupa_sim_display_name	Free-Form Text	<Checkbox>	
Multiselect Subsidiary	Add support for Multi subsidiary on vendor recording in NS	*custscript_coupa_sim_subs_multiselect*	Check box		Added 6.0.1
***Skip bank Account Details**	Skip integrating bank account details	*_coupa_sim_bank_sync*	Free Form Text	T/F	Updated 10.0.0
***Custom Bank Module**	AvidXBank support	*_sim_custom_bank*	CheckBox	T/F	
Support for tax code mapping	Support for tax code mapping on SIM form	*custscript_coupa_sim_use_tax_reg_num*	CheckBox	T/F	
Use Approved for payment date?		*Custscript_coupa_sim_rta_pymt*	CheckBox		

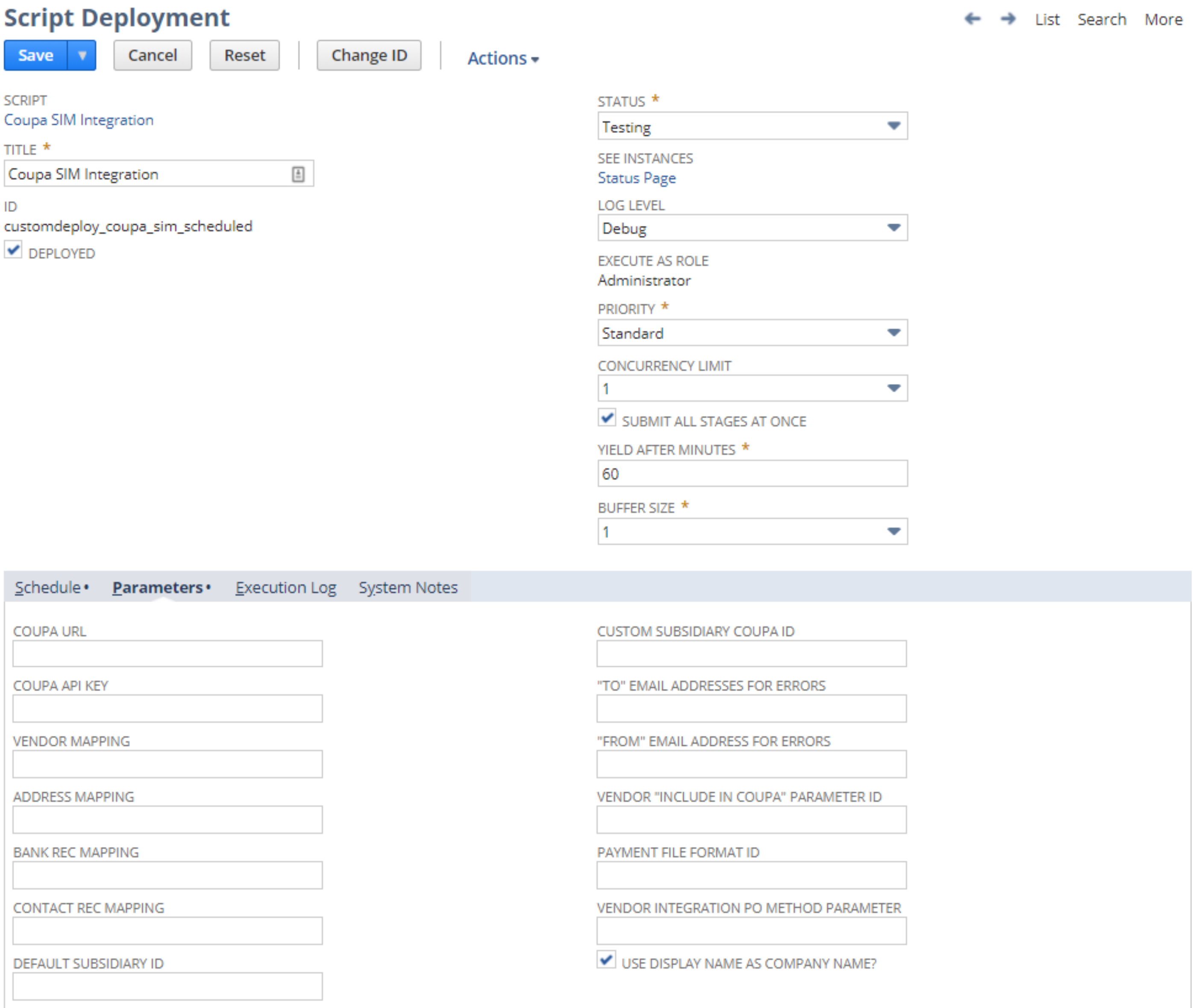
Label	Description	Id	Type	Example	Comment
		_format			
Update Subsidiary	Used to support updating subsidiary mapping	*custscript_coupa_update_subsidiary*	checkbox		Added 16.1.0

2 Find and Define Deployment Parameter Values

Navigation Path: Customization | Scripting | Scripts
Find the “Coupa SIM Integration” 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.

Please refer back to the parameters table for guidance.



Script Deployment

SCRIPT
Coupa SIM Integration

TITLE *
Coupa SIM Integration

ID
customdeploy_coupa_sim_scheduled

☑ DEPLOYED

STATUS *
Testing

SEE INSTANCES
Status Page

LOG LEVEL
Debug

EXECUTE AS ROLE
Administrator

PRIORITY *
Standard

CONCURRENCY LIMIT
1

☑ SUBMIT ALL STAGES AT ONCE

YIELD AFTER MINUTES *
60

BUFFER SIZE *
1

Schedule • | Parameters • | Execution Log | System Notes

COUPA URL

COUPA API KEY

VENDOR MAPPING

ADDRESS MAPPING

BANK REC MAPPING

CONTACT REC MAPPING

DEFAULT SUBSIDIARY ID

CUSTOM SUBSIDIARY COUPA ID

"TO" EMAIL ADDRESSES FOR ERRORS

"FROM" EMAIL ADDRESS FOR ERRORS

VENDOR "INCLUDE IN COUPA" PARAMETER ID

PAYMENT FILE FORMAT ID

VENDOR INTEGRATION PO METHOD PARAMETER

☑ USE DISPLAY NAME AS COMPANY NAME?

After you are done you can click the Save button and now the Script is successfully deployed.

Special Considerations with the SIM Bundle

- You must have a Primary Contact with a First Name, Last Name, and Email address, in the NetSuite Vendor or you will not be able to trigger an external SIM update form from the Coupa supplier record. This is especially applicable for initial production cutover when you integrate all of your Netsuite Vendors into Coupa expecting to phase them into SIM over time.

- If you allow a supplier or internal user to set the default Commodity Code in SIM, it will integrate over to Netsuite, but it will not integrate back into Coupa from the Netsuite Vendor record without modifying the Vendor Suite Script.

Netsuite to Coupa Exchange Rates 2.0

Overview

This integration syncs up Currency Exchange Rates between Netsuite and Coupa. NetSuite is the Exchange Rates master and the records flow from Netsuite into Coupa. The Scheduled SuiteScript is used to capture the "create" events and that will call the Coupa POST API to create the new entry. It will also create the inverse entry in Coupa.
From Bundle Release 6.0.1 Exchange Rate script 2.0 is introduced. Please upgrade to use this new script.
Exchange Rate script 1.0 will not be supported from 8.0.0.

Script Sequence Explained

This integration is scheduled per your requirements to support the Currency Exchange Rates record in Netsuite

- The Coupa API call to create the Currency Exchange Rates record is called on a predefined schedule
- The nlapiLoadRecord(currency) function is used to read the Netsuite currency record
- The nlapiRequestURL function is used to do a HTTP PUT to create the corresponding Exchange Rate records in Coupa

Activities

You will need to do the following to ensure a successful deployment of the Coupa Vendor Integration Script

1 **Review Parameters**

2 **Find and Define Deployment Parameter Values**

Tips to help you succeed

- Ensure your currency codes in Coupa are enabled
- Only load exchange rates in Coupa that you will create transactions for

Pre-Requisites

- Coupa P2P & Expenses Bundle scheduled
- Coupa API key or OIDC Auth created

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

Script Definition					Script Deployment	
Label	Description	Id	Type	Comments	Example	Your Value
Coupa URL*	The Coupa instance the integration connects to	_coupa_fxrates_url	Free-Form Text		https://abc.coupahost.com	
Coupa API Key*	The API key for Coupa's REST based API	_coupa_fxrates_apikey	Free-Form Text	A Coupa Admin can generate the Coupa API Key in Coupa https://xxxx.coupahost.com/api_keys	4dtyr7657fgfh5757fghhg	
Error Email Notification Address	Email addresses to which exception emails to be sent	_coupa_fxrates_erroremailnotify	Free-Form Text		abc@abc.com, abcd@abcd.com	
Account Name*	As per standard, it will be company name with which environment its been setup (Test or Prod)	_coupa_fxrates_accountname	Free-Form Text	<Company Name> <Test/Prod>	Coupa Test	
UTC Offset	The *UTC offset* is the difference in hours and minutes from Coordinated Universal Time	_coupa_fxrates_utcoffset	Integer Number		10	
Error Email From	Error Email sender	custscript_coupa_fxrate_mr_error_from	Free-Form Text			Added P2P 6.0.1 and P2O 2.0.0
Error Email to	Error Email Recipient	custscript_coupa_fxrate_mr_error_to	Free-Form Text			Added P2P 6.0.1and P2O 2.0.0

Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your Value**
Non Base currency	Integrate non base currencies	custscript_coupa_fxrate_base_curr_except	Text	Enter a comma-separated list of currency internal IDs that should be treated as exceptions to the base currency rule. For example: 1,2,3. These currencies will be processed even if they are not set as the base currency.		

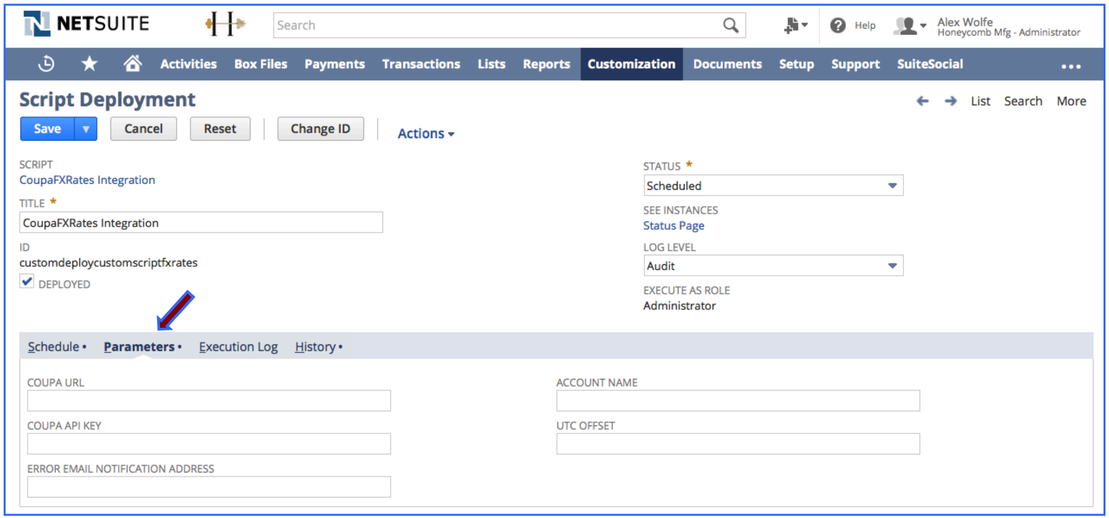
Find and Define Deployment Parameter Values

Navigation Path: Customization | Scripting | Scripts
Find the “Coupa Exchange Rate Integration” script

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.

Please refer back to the parameters table for guidance.

Script Deployment



Script Deployment

SCRIPT
CoupaFXRates Integration

TITLE *
CoupaFXRates Integration

ID
customdeploycustomscriptfxrates

☑ DEPLOYED

STATUS *
Scheduled

SEE INSTANCES
Status Page

LOG LEVEL
Audit

EXECUTE AS ROLE
Administrator

COUPA URL

ACCOUNT NAME

COUPA API KEY

UTC OFFSET

ERROR EMAIL NOTIFICATION ADDRESS

After you are done you can click the Save button and now the Script is successfully deployed

Dynamic - Coupa Chart of Account 2.0

Overview

This integration syncs up key parts of your Netsuite Chart of Account (COA) definition between Netsuite and the Chart of Accounts in Coupa. Netsuite is the COA master and the valid values for each segment flow from Netsuite into Coupa. The User Event Suitescript is used to capture the “create” and “update” events. Based on the event type either a new value is created in Coupa or an existing entry in Coupa is updated.

From Bundle Release 14.0.0 COA script 2.0 is introduced.
Please upgrade to use this new script.
COA script 1.0 will not be supported from 16.0.0

Script Sequence Explained

This integration is real time as the Netsuite Chart of Account record is created/updated it will then be reflected in Coupa

- The Coupa API calls to create/update the LookUp Values in Coupa as soon as the Netsuite user event is captured
- The nlapiLoadRecord('vendor', recordid) function is used to read the Netsuite vendor record
- The nlapiRequestURL function is used to do a HTTP POST/PUT to create/update the supplier record in Coupa.

Activities

You will need to do the following to ensure a successful deployment of the Coupa Vendor Integration Script

1	**Define Coupa Lookups and Coupa Chart of Accounts**
2	**Review Parameters**
3	**Review Scripts**
4	**Find and Define Deployment Parameter Values**

Tips to help you succeed

- Each Subsidiary can be a separate Chart of Account in Coupa if you require granularity based on your Netsuite COA setup
- The delivered script will create Lookup Values in Coupa for the following: Subsidiary, Class, Account, Department, Location
- If you need segments based on other values than above, Coupa can support that with integration via our lookup tables. Please ask your implementation consultant.

Pre-Requisites

- Coupa P2P & Expenses Bundle deployed
- Coupa API key or OIDC Auth created
- Lookups objects & COA defined in Coupa
- You will need to baseline the Coupa Lookup Values via the CSV UI Loader
- Add “Include in Coupa” Checkbox custom field in Netsuite, on the appropriate objects you are using as part of your Netsuite COA

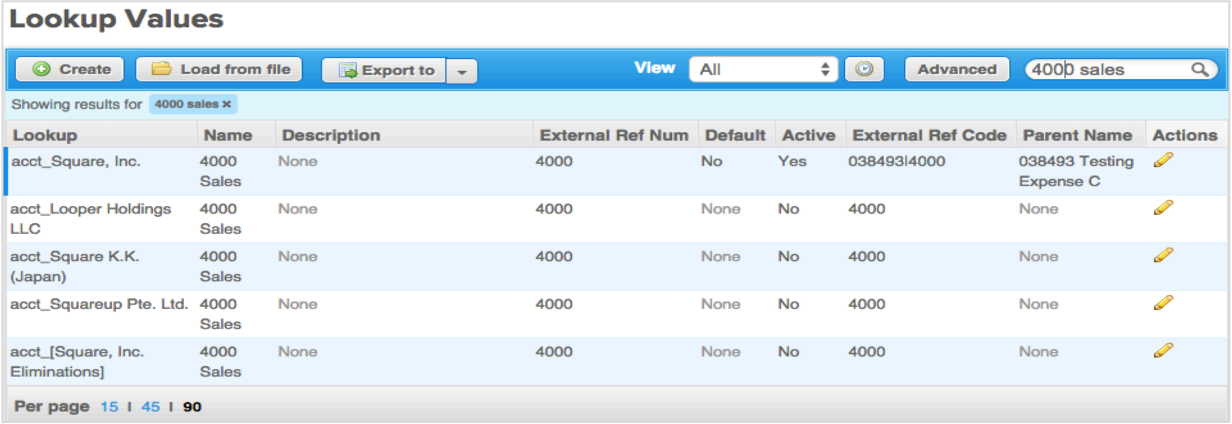
Define Coupa Lookups and Coupa Chart of Accounts

Summary:
The dynamic accounting script, transforms creates, and edits on departments, classes, locations, accounts and subsidiaries into Lookup Values in Coupa. Marking a record in Netsuite as inactive will mark the Lookup Value in Coupa as inactive. Name and hierarchical changes to all records (except Subsidiary) will be reflected in Coupa by a name change to the Lookup Value.

Configuration Decisions:
Define your Coupa Chart of Accounts based on the number of Netsuite subsidiaries that you have.
Your Chart of Account name must equal the NetSuite Subsidiary name
In Netsuite Dynamic Accounting Checkbox turned on in the deployment parameters of this script
Delete the COA related deployment objects that are not relevant for your implementation.
You will need to have the “Include In Coupa” checkbox created for each COA related object
Subsidiary Account Segment Parameter will be Segment-1, Segment-2, etc…based on your Coupa COA definition

Naming / Formatting Conventions:
Based on your implementation define the Coupa Lookups with the following naming convention, where XYZ is the name of your Coupa Chart of Account
acct_XYZ
dept_XYZ
clas_XYZ
locn_XYZ
subs_XYZ

On the Coupa Lookup Object the following must be adhered to ensure referential integrity between Coupa and Netsuite:
Accounts, the account number must be the leading part of the name and the external reference number. Please see below for example:



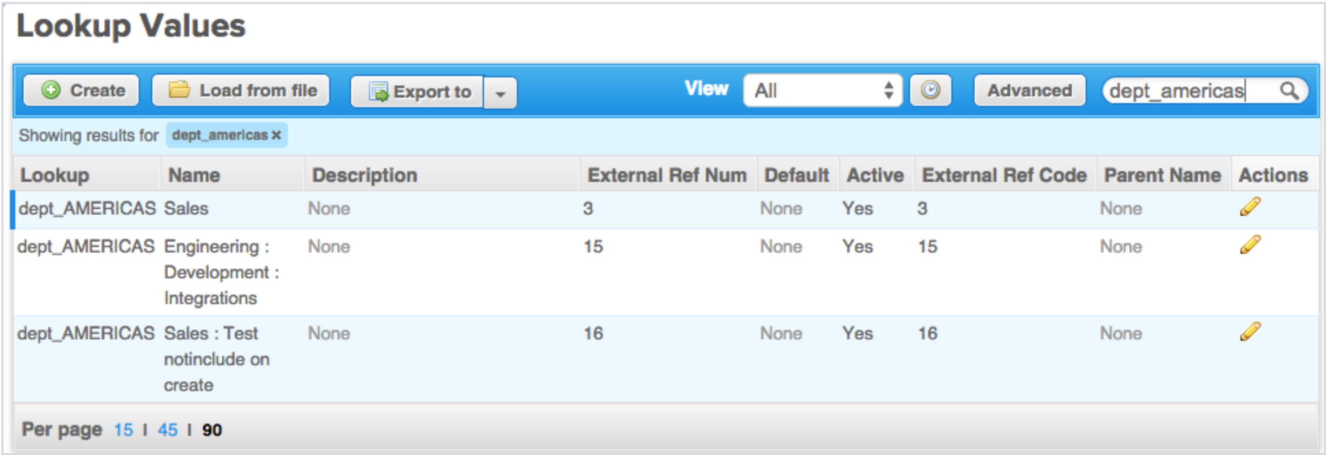
Lookup Values

Showing results for 4000 sales ×

Lookup	Name	Description	External Ref Num	Default	Active	External Ref Code	Parent Name	Actions
acct_Square, Inc.	4000 Sales	None	4000	No	Yes	038493|4000	038493 Testing Expense C	✎
acct_Looper Holdings LLC	4000 Sales	None	4000	None	No	4000	None	✎
acct_Square K.K. (Japan)	4000 Sales	None	4000	None	No	4000	None	✎
acct_Squareup Pte. Ltd.	4000 Sales	None	4000	None	No	4000	None	✎
acct_[Square, Inc. Eliminations]	4000 Sales	None	4000	None	No	4000	None	✎

Per page 15 I 45 I 90

- For all other look up values, the name can be anything but the Netsuite Internal ID must be in the external reference number. Please see below for example:



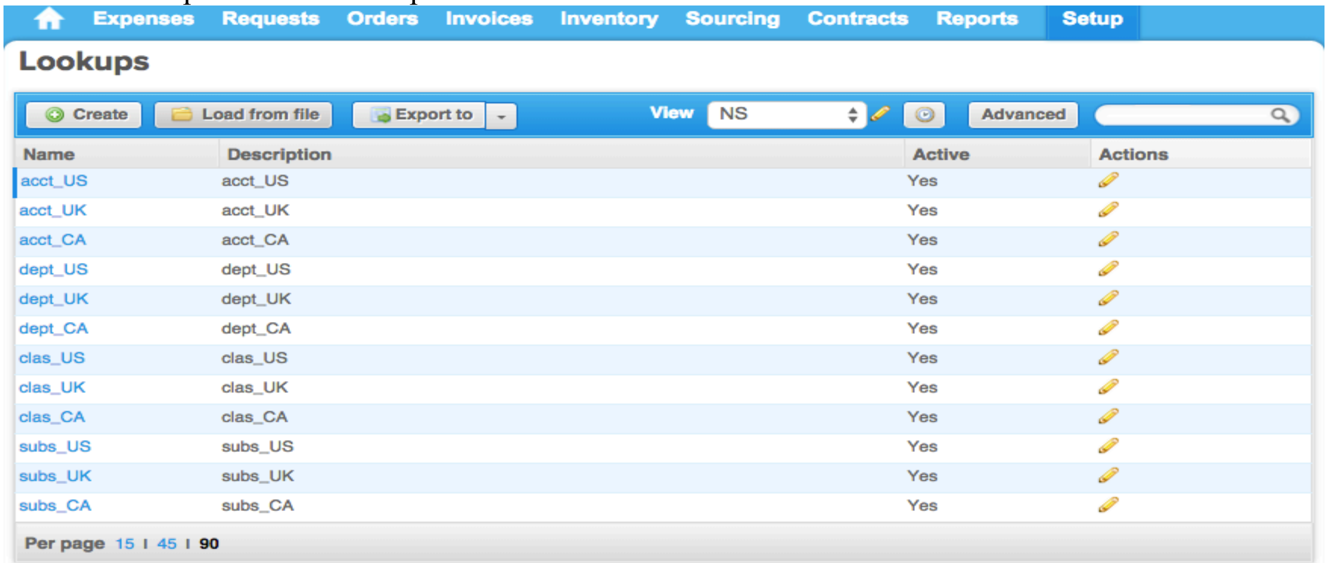
Lookup Values

Showing results for dept_americas ×

Lookup	Name	Description	External Ref Num	Default	Active	External Ref Code	Parent Name	Actions
dept_AMERICAS	Sales	None	3	None	Yes	3	None	✎
dept_AMERICAS	Engineering : Development : Integrations	None	15	None	Yes	15	None	✎
dept_AMERICAS	Sales : Test notinclude on create	None	16	None	Yes	16	None	✎

- Examples:
  - Multiple Coupa Chart of Accounts: that has 3 Netsuite subsidiaries named US, UK and CA; all utilizing account, department and class.

- Lookups defined in Coupa:



Lookups

Name	Description	Active	Actions
acct_US	acct_US	Yes	✎
acct_UK	acct_UK	Yes	✎
acct_CA	acct_CA	Yes	✎
dept_US	dept_US	Yes	✎
dept_UK	dept_UK	Yes	✎
dept_CA	dept_CA	Yes	✎
clas_US	clas_US	Yes	✎
clas_UK	clas_UK	Yes	✎
clas_CA	clas_CA	Yes	✎
subs_US	subs_US	Yes	✎
subs_UK	subs_UK	Yes	✎
subs_CA	subs_CA	Yes	✎

Three Chart of Accounts would be created in Coupa. Here is the US example:

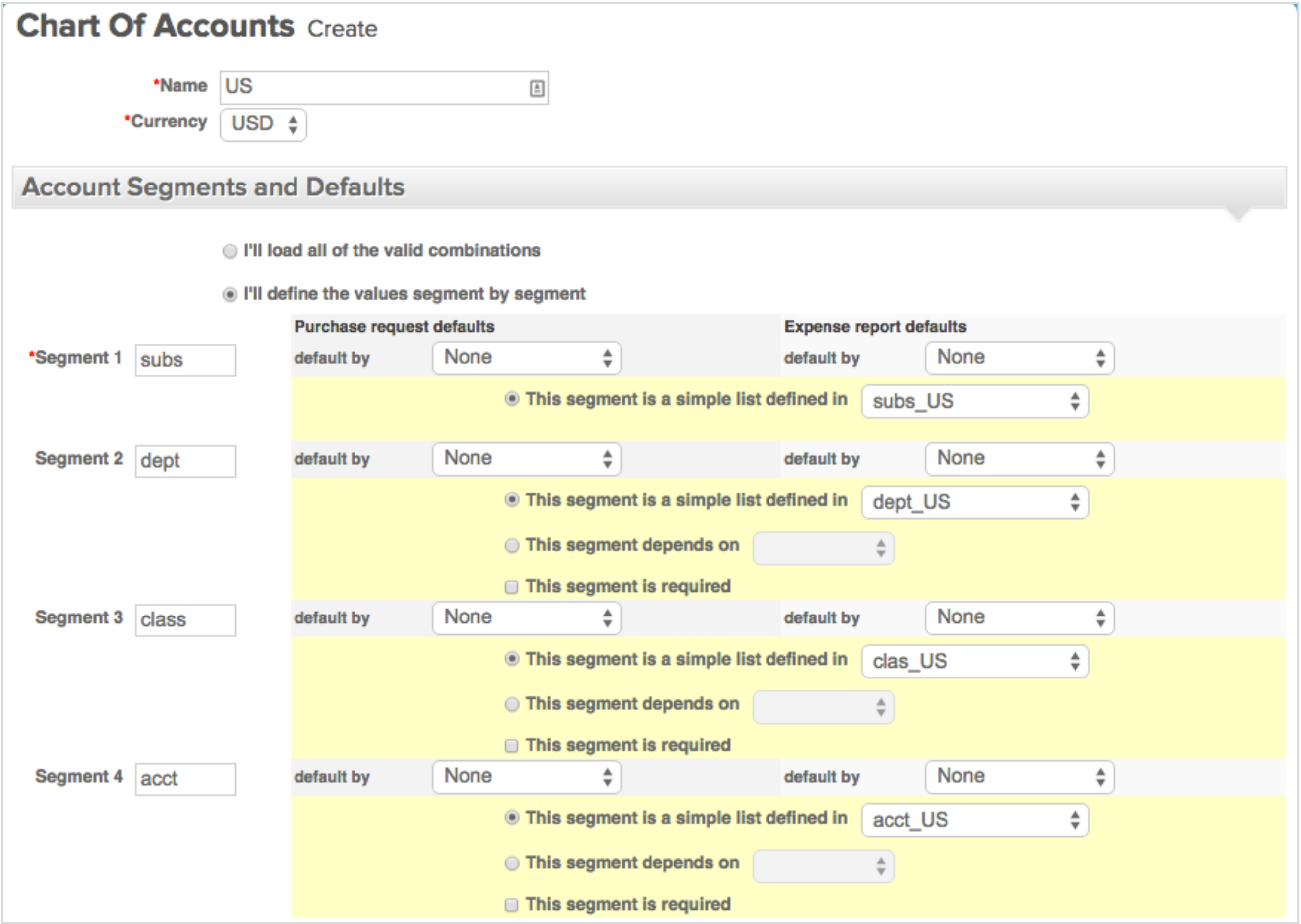


Chart Of Accounts Create

*Name: US

*Currency: USD

Account Segments and Defaults

○ I'll load all of the valid combinations

● I'll define the values segment by segment

		Purchase request defaults		Expense report defaults	
*Segment 1	subs	default by	None	default by	None
		● This segment is a simple list defined in	subs_US		
Segment 2	dept	default by	None	default by	None
		● This segment is a simple list defined in	dept_US		
		○ This segment depends on			
		□ This segment is required			
Segment 3	class	default by	None	default by	None
		● This segment is a simple list defined in	clas_US		
		○ This segment depends on			
		□ This segment is required			
Segment 4	acct	default by	None	default by	None
		● This segment is a simple list defined in	acct_US		
		○ This segment depends on			
		□ This segment is required			

2 Review Parameter List - Script 2.0

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

Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your Value**
Coupa URL*	The Coupa instance the integration connects to	custscript_coupa_coa_host	Free-Form Text		https://abc.coupahost.com	
Error Email Receiver	The API key for Coupa's REST based API	_coupa_accs_apikey	Free-Form Text			
Error Email Sender	Error email sender	custscript_coupa_coa_email_from	List/Record			
Account Name	Error email Subject	custscript_coupa_coa_acc_name	Free-Form Text			
Include in Coupa Field ID		custscript_coupa_coa_sync_2_coupa	Free-Form Text			
Lookup Name Prefix	Lookup Prefix	custscript_coupa_coa_segment_prefix	Free-Form Text			
Use External ID	Inetrnal ID usage indicator	custscript_coupa_coa_use_external_id	Check Box			
Custom Name Field ID	Custom fiel mapping	custscript_coupa_coa_name_field	Free-Form Text		The Custom Name field is used to change where we pull the name from in NetSuite if you want it to use something other than the default name syncing from NetSuite to Coupa. It does not allow mapping for a custom field syncing from NetSuite to Coupa.	
Parent Field ID	Parrent field ID	custscript_coupa_coa_parent_field	Free-Form Text			
Subsidiary Field ID	Subsidiary ID	custscript_coupa_coa_sub_field_id	Free-Form Text			
Include in Coupa field ID on Subsidiary		custscript_coupa_coa_sub_include_field	Free-Form Text			
Non One World Subsidiary Name	Indicate if the Netsuite instance is One World	custscript_coupa_non_ow_coa_comp_name	Free-Form Text			

Review Parameter List 1.0

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

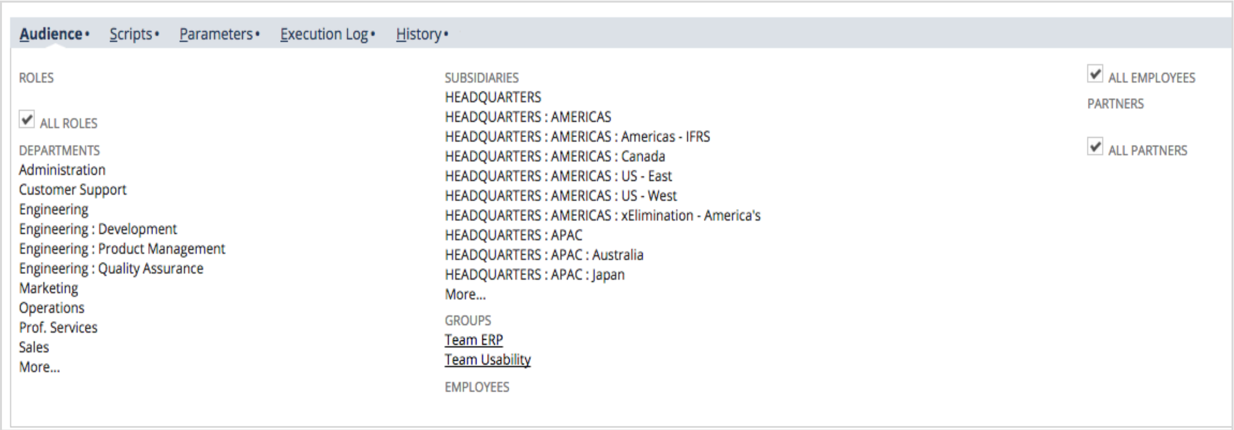
Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your Value**
Coupa URL*	The Coupa instance the integration connects to	_coupa_accs_url	Free-Form Text		https://abc.coupahost.com	
Coupa API Key*	The API key for Coupa's REST based API	_coupa_accs_apikey	Free-Form Text	A Coupa Admin can generate the Coupa API Key in Coupa https://xxxx.coupahost.com/api_keys	4dtyr7657fgfh5757fghhg	
Email Addresses for Notif	Email addresses to which exception emails to be sent	_coupa_accs_notify_email	Free-Form Text		abc@abc.com, abcd@abcd.com	
Include in Coupa	Id of the custom field (on the record this deployment applies to) to allow/disallow the transmission of the record to Coupa	_coupa_accs_cstmfldincludeonly	Free-Form Text	The Internal ID of an existing field or custom field. This field should be a checkbox, and True if you wish the record to integrate	custrecord_include_loc_coupa	
Subsid Include in Coupa	Id of the custom field (on SUBSIDIARY records) to allow/disallow the transmission of the subsidiary to Coupa	_coupa_accs_dynamic_sub_includ	Free-Form Text	The internal ID of an existing field or custom field on the subsidiary record. This field should be a checkbox and set to True if the subsidiary should be/is included in coupa	custrecord_include_subs_coupa	
*Use External ID	Allow using external ID from NS	_coupa_accs_extid	Check Box		T/F	

Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your Value**
*Custom Segment Name	Applicable for custom segments	_coupa_accs_namefield	FreeForm		Name	
*Parent ID	Parent lookup values will be integrated	_parent_field_id	Freeform			
*Non One Worl NS Sysem?	Support customer with non One Worl system	_coupa_accs_one_subsiidiary	Check Box		T/F	
*Custom Lookup name Prefix	Custom segment lookup name prefix	_lookup_name_prefix	Freeform			
*Custom Segment Subsidiary Field	Custom segment subsidiary mapping	_coupa_accs_subfield	FreeForm			
lookup name	For non OneWorld set lookup name	_custscript_coupa_accs_namefield	FreeForm	Added 12.0.0		
Change name convention	Use COA 1.0 mapping as LookupName to Account as “Account name + number”	custscript_coupa_change_naming_con	Check box	Added 16.1.0		

Review Scripts

The bundle creates deployments for each possible segment. You need to delete/remove deployments for records you do not want to integrate

Make sure they deployments are enabled for all of the employees and subsidiaries



ROLES

☑ ALL ROLES

DEPARTMENTS
Administration
Customer Support
Engineering
Engineering : Development
Engineering : Product Management
Engineering : Quality Assurance
Marketing
Operations
Prof. Services
Sales
More...

SUBSIDIARIES
HEADQUARTERS
HEADQUARTERS : AMERICAS
HEADQUARTERS : AMERICAS : Americas - IFRS
HEADQUARTERS : AMERICAS : Canada
HEADQUARTERS : AMERICAS : US - East
HEADQUARTERS : AMERICAS : US - West
HEADQUARTERS : AMERICAS : xElimination - America's
HEADQUARTERS : APAC
HEADQUARTERS : APAC : Australia
HEADQUARTERS : APAC : Japan
More...

GROUPS
Team ERP
Team Usability

EMPLOYEES

☑ ALL EMPLOYEES

PARTNERS

☑ ALL PARTNERS

The bundle creates deployments for each possible segment. You need to delete/remove deployments for records you do not want to integrate

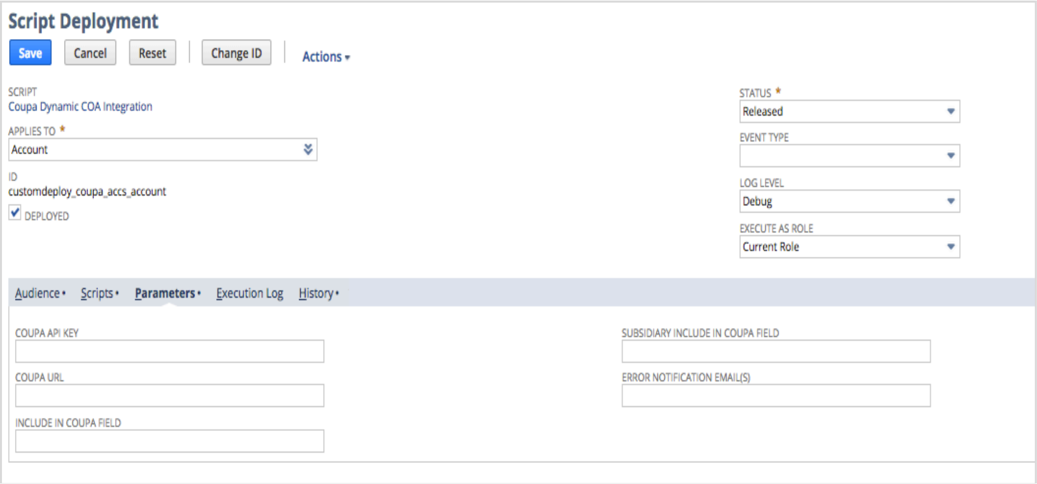
1

Find and Define Deployment Parameter Values

Navigation Path: Customization | Scripting | Scripts
Find the “Coupa Dynamic COA Integration” script

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.

Please refer back to the parameters table for guidance.



Script Deployment

SCRIPT
Coupa Dynamic COA Integration

APPLIES TO *
Account

ID
customdeploy_coupa_accs_account

☑ DEPLOYED

STATUS *
Released

EVENT TYPE

LOG LEVEL
Debug

EXECUTE AS ROLE
Current Role

COUPA API KEY

COUPA URL

INCLUDE IN COUPA FIELD

SUBSIDIARY INCLUDE IN COUPA FIELD

ERROR NOTIFICATION EMAIL(S)

After you are done you can click the Save button and now the Script is successfully deployed

Coupa Invoice to Netsuite Vendor Bill 2.0

Overview

Coupa Invoice 1.0 Script is decommissioned since 7.0.0, please upgrade to Coupa Invoice 2.0 Script

This integration syncs up Coupa Invoices and Netsuite Vendor Bill via a scheduled SuiteScript. The Coupa Invoice once approved is set for export and now is ready to be imported into NetSuite as the Vendor Bill. The Scheduled Suitescript is used to "create" the Vendor Bill which will call the Coupa HTTP GET API to retrieve the Coupa Invoice to generate the Vendor Bill in NetSuite

Script Sequence Explained

This integration is on a schedule that you can set to meet your frequency and volume as Coupa Invoices are approved.

- The Coupa API call to create the Vendor Bill record is called on a predefined schedule
- The nlapiRequestURL function is used to perform a HTTP GET to retrieve the Coupa Invoice that is fully approved and not exported
- The nlapiCreateRecord (vendorbill) function is used to generate the NetSuite Vendor Bill

Activities

You will need to do the following to ensure a successful deployment of the Vendor Script

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

Tips to help you succeed

- Ensure your NetSuite Vendors are assigned appropriate Subsidiaries in NetSuite
- This integration requires the Netsuite internal id for the Vendor Record to be stored in the "Supplier Number" field in Coupa
- Validate the Vendor Bill "isBillable" field is populating as expected
- If you need to pass Amortization Schedules please see parameter definition
- Voids are supported from Coupa to Netsuite assuming the Vendor Bill is not yet paid in Netsuite. Change the status of the invoice from "Approved" to "Rejected". See parameter definition for more details.

Pre-Requisites

- Coupa P2P & Expenses Bundle deployed
- Coupa API key or OIDC Auth created
- Coupa Chart of Account SetupCoupa Suppliers with Netsuite Vendor ID

Review Parameter List Invoice 2.0

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

Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your Values**
Coupa URL*	URL of the Coupa instance the integratin connects to	custscript_coupa_inv_mr_host_url	Hyperlink			
Coupa API key	The API key for Coupa's REST based API	custscript_coupa_inv_mr_api_key	FreeForm			
Error Email Sender*	The internal id of the email sender employee record	custscript_coupa_inv_mr_email_sender	List/Recor d			
Error Email Receiver*	Comma separated email ids of the error email receipients	custscript_coupa_inv_mr_email_receiver	eeForm			
Default Accounts Payable account number The	Netsuite AP account number to be set on Vendor bill/ Vendor credit transction	custscript_coupa_inv_mr_act_payable_num	FreeForm		segment-2	
GL Account segment*	The accounting segment in Coupa that holds the Netsuite GL account information	custscript_coupa_inv_mr_acc_seg	FreeForm		segment-3	
Department segment*	The accounting segment in Coupa that holds the Netsuite department account information	custscript_coupa_inv_mr_dept_seg	FreeForm		segment-5	
Class segment*	Netsuite classification account information	custscript_coupa_inv_mr_class_seg	FreeForm		segment-4	

Subsidiary Segment* The accounting segment in Coupa that holds the	The accounting segment in Coupa that holds the Netsuite subsidiary account information	custscript_coupa_inv_mr_sub_seg	FreeForm		segment-1	
Export From Invoice Date	Add filter criteria to pull invoices from Coupa with Invoice date >= to this date	custscript_coupa_inv_mr_from_inv_date	Date			
Export To Invoice Date Add filter	criteria to pull invoices from Coupa with Invoice date <= to this date	custscript_coupa_inv_mr_to_inv_date	Date			
Export From 'Updated at' date	Add filter criteria to pull invoices from Coupa with 'Updated at' date >= to this date	custscript_coupa_inv_mr_from_upd_date	Date			
Export To 'Updated at' date	Add filter criteria to pull invoices from Coupa with 'Updated at' date <= to this date	custscript_coupa_inv_mr_to_upd_date	Date			
Custom Line Field Mappings	Line level custom field mapping	custscript_coupa_inv_mr_cust_line_fields	Text		customfields.line-textfield==custcol1;8==TEXT; customfields.prepaidenddate==custcol 19==DATE;	

Custom Body Field Mappings	Header level custom field mapping	custscript_coupa_inv_mr_cust_body_fields	TEXT		customfields.testmemo==custbody_coupa_memo==TEXT;customfields.testlookup==custbody_invoice_default==LOOK UP;	
Limit Exported Records To	Configuration to limit the invoices to be imported per invoice run	custscript_coupa_inv_mr_inv_limit	FreeForm		40	
Posting Period Cutoff Day	Configuration for posting period. The posting period can be positive or negative	custscript_coupa_inv_mr_cutoff_day	FreeForm		5 or -3	
Account Name	The account name to be added to error email's subject. If not provided default's from company name	custscript_coupa_inv_mr_account_name	FreeForm			
Invoice URL link	URL to coupa invoice	custscript_coupa_inv_mr_inv_url_field	FreeForm			
Invoice Image URL Link	URL to coupa invoice's image	custscript_coupa_inv_mr_image_url_field	FreeForm			
Custom API Filter	Custom API arguments can be added to filter the api result	custscript_coupa_inv_mr_inv_api_filter	FreeForm			
Use External ID	Use external id for searching record in NS instead of internal id	custscript_coupa_inv_mr_use_ext_id	CheckBox			
Support Void	If enabled marks the vendor bill in NS rejected when the Coupa invoice is voided	custscript_coupa_inv_mr_support_void	CheckBox			

Skip Bill for VC & PO	Enables to skip Bill/Invoices to integrate to NS for Invoices where payment channel is “CoupaPay - Virtual Card on PO”	custscript_coupa_inv_mr_skip_vc_po_bill	CheckBox			

Custom Form	The mapping if provided can be used to select custom forms per coupa COA ID	custscript_coupa_inv_mr_custom_form	FreeForm	examples:
				9==153==VB;
				9==155==CN;
				9==153
					"COA_ID==FORM_ID==VB" or "COA_ID==FORM_ID==CN".	

Use Coupa Charge	Distribution Use the invoice charge distribution logic provided by coupa platform	custscript_coupa_inv_mr_use_coupa_distri	CheckBox			
Send Tax Code	Option to enable tax code being sent from Coupa to Netsuite so that Netsuite calculates tax. When this option is selected tax amount will NOT be added to the vendor bill expense line amount. Also when this option is selected, there will be an additional line per expense line for header level charges.	custscript_coupa_inv_mr_send_taxcode	CheckBox			
Skip Credit	Note Syncing Skip Credit Note transaction syncing from Coupa	custscript_coupa_inv_mr_skip_credit_note	CheckBox			
Custom Location Field	Source Location from coupa's custom field	custscript_coupa_inv_mr_custom_location	FreeForm			
Use Dynamic Accounting	Allows for billing strings to be created dynamically.	custscript_coupa_inv_mr_use_dynamic_acc	CheckBox			
Taxes on the new line	custscript_coupa_inv_mr_tax_on_new_line		Check Box			Added 11.1

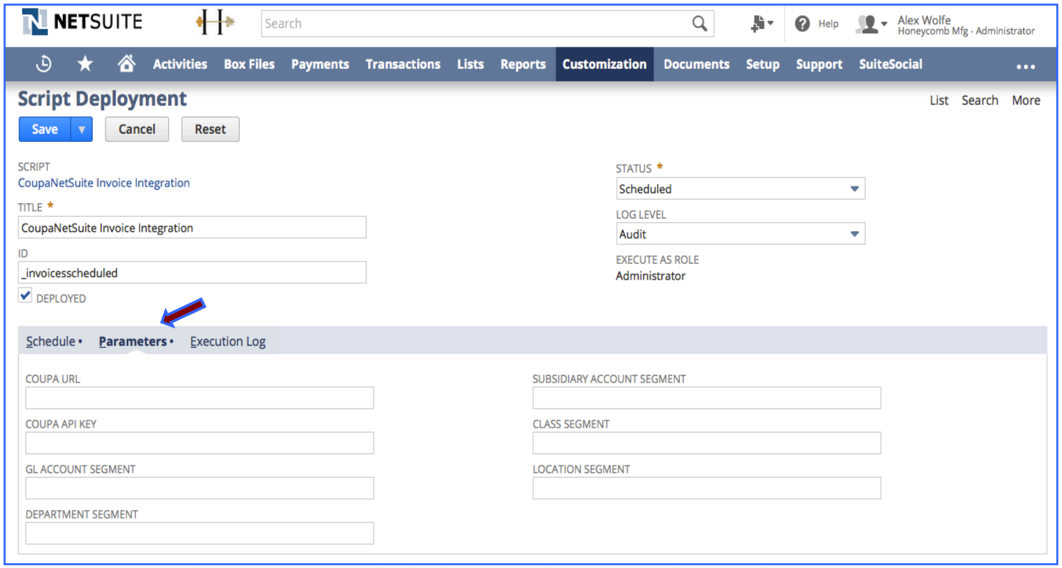
Shipping Charge Account		custscript_coupa_inv_mr_ship_charge_acc		Mapping Logic: NS_ACCOUNT_ID==NS_SUBSIDIARY_ID==NS_CURRENCY_ID	138==3==1;138==6==2	Added 11.1
Handling Charge Account		custscript_coupa_inv_mr_hand_charge_acc	Text Area	Mapping Logic: NS_ACCOUNT_ID==NS_SUBSIDIARY_ID==NS_CURRENCY_ID	76==3==1;76==6==2	Added 11.1
Misc Charge Account		custscript_coupa_inv_mr_misc_charge_acc	Text Area	Mapping Logic: NS_ACCOUNT_ID==NS_SUBSIDIARY_ID==NS_CURRENCY_ID	83==3==1;83==6==2	Added 11.1
Invoice Tax Account		custscript_coupa_inv_mr_inv_tax_acc	Text Area	Mapping Logic: NS_ACCOUNT_ID==NS_SUBSIDIARY_ID==NS_CURRENCY_ID	92==3==1;92==6==2	Added 11.1
Check If Item Invoice	Config to check if invoice is Item based. Required if Coupa Netsuite P2P Direct Bundle is used in paralel	custscript_coupa_check_item_invoice	Check-box			Added 19.0.0 NIB-976

4 Find and Define Deployment Parameter Values

Navigation Path: Customization | Scripting | Scripts
Find the “Coupa invoice Integration” script

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.

Please refer back to the parameters table for guidance.



Script Deployment

SCRIPT
CoupaNetSuite Invoice Integration

TITLE *
CoupaNetSuite Invoice Integration

ID
_invoicesscheduled

☑ DEPLOYED

STATUS *
Scheduled

LOG LEVEL
Audit

EXECUTE AS ROLE
Administrator

COUPA URL

COUPA API KEY

GL ACCOUNT SEGMENT

DEPARTMENT SEGMENT

SUBSIDIARY ACCOUNT SEGMENT

CLASS SEGMENT

LOCATION SEGMENT

After you are done you can click the Save button and now the Script is successfully deployed
.

Netsuite to Coupa Invoice & ER Payments 2.0

Overview

Invoice & Expense Payment script 1.0 is not supported, please upgrade to 2.0

This integration syncs up Vendor Payment created in Netsuite and sends it to Coupa. Netsuite is the Payment of record and creates payment information on the Coupa Invoice. The Scheduled SuiteScript is used to capture the "create" events that will call the Coupa POST API to create the new entry.

Bundle Release 14.0.0 - We added support for Payments created in Netsuite which only consist of Credit Notes. The new script will mark the Credit Note paid in Coupa. Integration Document has been updated with deployment parameters.

Script Sequence Explained

This integration is on a schedule that you can set to meet your frequency and volume requirements as Payments are made in NetSuite.

- The Coupa API call to create the payment record is on a predefined schedule
- The nlapiLoadRecord(vendorpayment) function is used to read the NetSuite vendor payment record
- The nlapiRequestURL function is used to do a HTTP PUT to create the corresponding payment records in Coupa

Activities

You will need to do the following to ensure a successful deployment of the Vendor Script

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

Tips to help you succeed

- Ensure your currency codes in Coupa are enabled
- Understand volume and frequency of the schedule needed ahead of time to meet your business process
- The script will exclude invoice Payment created by Coupa in Netsuite for Coupa Pay Invoices.

Pre-Requisites

- Coupa P2P & Expenses Bundle deployed
- Coupa API key or OIDC Auth created

2 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

Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your Values**
Coupa URL*	The Coupa instance the integration connects to	_coupa_pay_url	Free-Form Text		https://abc.coupahost.com	
Coupa API Key*	The API key for Coupa's REST based API	_coupa_pay_apikey	Free-Form Text	A Coupa Admin can generate the Coupa API Key in Coupa https://xxxx.coupahost.com/api_keys	4dtyr7657fgfh5757fghhg	
Export From Payment Date	Add filter criteria to pull payments from Netsuite created >= to this date	_coupa_pay_frompaydate	Date		12/14/2013	
Export To Payment Date	Add filter criteria to pull payments from Netsuite created <= to this date	_coupa_pay_topaydate	Date		12/27/2013	
Error Email Notification Address	Email addresses to which exception emails to be sent	_coupa_pay_email_notifications	Free-Form Text		abc@abc.com, abcd@abcd.com	
Account Name*	As per standard, it will be company name with which environment its been setup (Test or Prod)	_coupa_pay_accountname	Free-Form Text	<Company Name> <Test/Prod>	Coupa Test	
Process Records From #	Starting record to process. Passed as a parameter to a new scheduled script when usage limit reached or records to process more than "Process Records To #"	_coupa_pay_fromrecords	Integer Number	Default is 0	0	

Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your Values**
Static Location	specify a static location internal id for the payment header, or put 'retrieveValue' which will lookup the value from the first vendor bill	custscript_coupa_pymt_headlocn	Text			
Skip 404 Error	Added script parameter to skip 404 error log and skip the Error email and an Audit log will be added to Execution logs	custscript_coupa_pay_skip_404_log	CheckBox			
Skip Cleared Filter	Clear status not used by some of the customers so it can be expluded	custscript_coupa_pay_skip_cleared_filter	CheckBox	Added 7.0.0		
Skip pending Accounting approval	Enable this checkbox if you do not want Expense Reports (ERs) to be reverted to "Pending Accounting Approval" status in the event of a Coupapay payment failure.	custscript_skip_er_revert	Check Box	Added 19.1.0		

1 Review Parameter List (added 14.0.0)

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

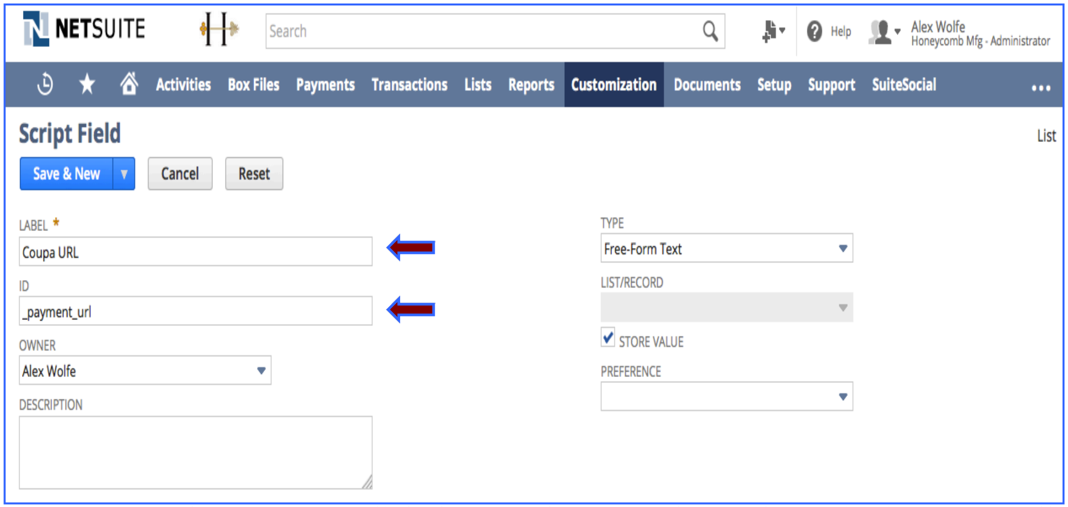
Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your Values**
Coupa URL*	The Coupa instance the integration connects to	custscript_coupa_ue_cred_pay_host	Free-Form Text		https://abc.coupahost.com	
Error Email Receiver (Comma separated)	Error recipient	custscript_coupa_ue_cred_pay_email_to	Free-Form Text			
Error Email Sender	Error email sender	custscript_coupa_ue_cred_pay_email_from	List/Record			
Account Name	Included in Error email Subject	custscript_coupa_ue_cred_pay_acc_name	Free-Form Text			

Find and Define Deployment Parameter Values

Navigation Path: Customization | Scripting | Scripts
Find the “Coupa invoice Payment Integration” script

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.

Please refer back to the parameters table for guidance.



Script Field

LABEL * Coupa URL

ID _payment_url

OWNER Alex Wolfe

DESCRIPTION

TYPE Free-Form Text

LIST/RECORD

☑ STORE VALUE

PREFERENCE

After you are done you can click the Save button and now the Script is successfully deployed

.

Coupa Expense Report to Netsuite Expense Report 2.0

Overview

PLEASE UPGRADE YOUR VENDOR SCRIPT TO ER2ER 2.0 SCRIPT. ER2ER 1.0 script will be deprecated and will NOT be maintained from release 15.0.0 onwards.

The integration syncs up Coupa Expense Reports and NetSuite Expense Reports via a scheduled ScuiteScript. The Coupa Expense Report once “approved for payment” and not exported are ready to be imported into NetSuite. When a new Expense Report is created with status=approved for payment, the NetSuite scheduled script will call the Coupa API and will create new Expense Report. After the pull the integration will set the exported flag to true

For Expense Reports paid via CoupaPay will not set Expense Report Approved in Netsuite to avoid double payments (parameter setup required)

Script Sequence Explained

This integration is on a schedule that you can set to meet your frequency and volume as Coupa Expense Reports are approved.

- The Coupa API call to create the Expense report is called on a predefined schedule.
- The nlapiRequestURL function is used to perform a HTTP GET to retrieve the Coupa Expense that is fully approved and not exported.
- The nlapiCreateRecord(expensereport) function is used to generate the Netsuite expense report.

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

- The match record in NetSuite will be done on ‘Coupa ER Number’ and ‘External Id’ field. After the pull the exported flag will be set to true. .
- NetSuite Users should not update the ER in NetSuite as this could result in the updates being lost if the Coupa ER is updated after the fact.
- If NetSuite Expense Category name that maps to Coupa Expense Category is changed integration will fail to find the EC.. The change should be made in both Coupa and NetSuite at the same time.

Pre-Requisites

1. Coupa P2P + Expenses bundle deployed
2. Coupa API key or OIDC Auth created.
3. Coupa Chart of Account setup
4. Setup coupa Users with Netsuite employee id
5. Coupa Expense Category Setup
6. NetSuite Expense Category
7. Setup (names must match identically)
8. Coupa commodity and NetSuite mapping (names must match identically)

Review Parameter List 2.0

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

Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your values**
Coupa URL *	The Coupa instance the integration will connect to	custscript_coupa_er_mr_host_url	freeform text			
API Filter Name	Add additional filter for the API call	custscript_coupa_er_mr_api_filter	freeform text			
Error email notification address	List of emails to receive errors generated by the script execution	custscript_coupa_er_mr_email_receiver	freeform text	Separate the emails with a comma and no space	abc1@xyz.com, abc2@xyz.com	
Error Email Sender	Error email sender	custscript_coupa_er_mr_email_sender	List/records			
Account Name*	As per standard, it will be company name with which environment its been setup (Test or Prod)	custscript_coupa_er_mr_account_name	freeform text	<company-name> <Test/Prod>		
T&E Account Segment	The accounting segment in Coupa that holds the Netsuite location information	custscript_coupa_er_mr_acc_seg	freeform text		Segment-5	
Department Segment	The accounting segment in Coupa that holds the Netsuite location information	custscript_coupa_er_mr_dept_seg	freeform text		Segment-2	

Location Segment	The accounting segment in Coupa that holds the Netsuite location information	custscript_coupa_er_mr_loc_seg	freeform text		segment-4	
Class Segment	The accounting segment in Coupa that holds the Netsuite classification account information	custscript_coupa_er_mr_class_seg	freeform text		segment-3	
Subsidiary Segment	The accounting segment in Coupa that holds the Netsuite subsidiary account information	_coupa_er_subsseg	freeform text		segment-1	
Export From Date	Specify Export from date	custscript_coupa_er_mr_from_er_date	Date			
Export To Date	Specify Export to Date	custscript_coupa_er_mr_to_er_date	Date			
Custom Line Field Mappings	Line custom field of coupa gets syncup with column custom field of netsuite. Note that no data transformation allowed.	custscript_coupa_er_mr_cust_line_fields	text area	**Supported Data Types:** DATE, SELECT, CHECKBOX, LOOKUP, VALUE, DEFAULT	**Mapping Example:** custom-fields.linecolor==custcol_er_line_artifact1==TEXT;segment-6==custcol_custom_project_segment==SEGMENT==customlist543;segment-3==custcol9==SEGMENT==department;custom-fields.test-line-date==custcolprepaid_start_date==DATE;custom-fields.test-line-checkbox==custcol_test_cb2==CHECKBOX;custom-fields.test-line-lookup==custcol_linejustification==LOOKUP;4==custcol_item_quantity==DEFAULT	

Custom Body Field Mappings	Header custom field of coupa gets syncup with body custom field of netsuite. Note that no data transformation allowed.	custscript_coupa_er_mr_cust_body_fields	text area	**Supported Data Types:** DATE, SELECT, CHECKBOX, LOOKUP, VALUE, DEFAULT, MULTISELECT	**Mapping Example:** payment-channel==custbody_coupa_payment_channel==TEXT;custom-fields.test-date-field==custbody23==DATE;custom-fields.header-status==custbody21==VALUE;custom-fields.test-checkbox==custbody_coupa_gl_field==CHECKBOX	
Custom Form Mapping		custscript_coupa_er_mr_custom_form	text area		**Format:** COA_ID1==FORM_ID1;COA_ID2==FORM_ID2 9==248;1==248;35==248	
Coupa Expense URL Field ID	Supports internal ID of the field to which script will set the hyperlink to the Coupa Expense Report	custscript_coupa_er_mr_url_field	Free-Form Text	Coupa Expense URL Field ID		
Custom Employee Number	Supports the coupa custom field's ID which will be used as Employee Number instead of standard employee number field	custscript_coupa_er_mr_custom_emp_num	Free-Form Text			
Posting Period Cutoff Day	Supports Positive, negative and 0 cut off day values	custscript_coupa_er_mr_cutoff_day	Free-Form Text		Supports Positive, negative and 0 cut off day values	
Set Receipt Field Value	Enable the feature to set the Receipt checkbox field on line level when receipt is attached	custscript_coupa_er_mr_set_receipt	Check Box			
Set Corporate Card Field Value	set Corporate Card Checkbox on Expense Report	custscript_coupa_er_mr_corp_card_enabled	Check Box		T or F	

Send Tax code	Option to enable tax code being sent from Coupa to Netsuite so Netsuite calculates tax. When selected tax amount will NOT be added to the vendor bill expense line amount. Also when this option is selected, there will be an additional line per expense line for header level charges	custscript_coupa_er_mr_send_taxcode	checkbox	When using this option, the taxcodes in Coupa need to be stored in the following format: netsuitename:netsuiteint ernalid. E.g. if you have a taxcode in Netsuite VAT21 with internal id of 46 then in Coupa the taxcode should be created as VAT21:46 Additionally, this will not support Multiple Tax Lines in Coupa as there is only one place to set a Tax Code in NetSuite. Tax codes are also only applicable for NON-US Subsidiaries		
Coupa Pay	CoupaPay flag	custscript_coupa_er_coupapay	Check Box	CoupaPay is used to Pay ER		
*Use externa Ids?	If customer is using external IDs for COA segments	custscript_coupa_er_mr_use_ext_id	Checkbox		T/F	
Set Reimbursable Field Value	enable mapping Coupa's Reimburse to Employee field with NetSuite's Non-Reimbursable field	custscript_coupa_er_mr_enable_reimburse	Check Box			
Use Accounting Review Date	Use approved at date for ER instead of created at date	custscript_coupa_er_mr_use_acc_rev_date	Check Box			
Enable T&E Feature	Enable Integration of preapproved/Travel Booking expense reports	custscript_coupa_er_mr_enable_preapp	Check Box			
Custom NS Employee Number Field		custscript_coupa_er_mr_custom_ns_emp_num	Free-Form Text			
Force Approve The Expense Report	Force approval of ER	custscript_coupa_er_mr_force_approve_er	Check Box			

Use submitted-at field to be used as transaction date		custscript__coupa_use_submitted_at_date	Check Box		Added 15.0.0	

3 Review Parameter List 1.0

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

Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your values**
Coupa URL *	The Coupa instance the integration will connect to	_coupa_er_url	freeform text		2e528d48825a8fe5a6a2a67972a2d8d21f5j3sdf4 8	
Coupa API Key*	The API Key for Coupa’s REST based API	_coupa_er_apikey	freeform text		http://netsuiteintegration-demo.coupacloud.com/	
Error email notification address	List of emails to receive errors generated by the script execution	_coupa_er_email_addr_notify	freeform text	Separate the emails with a comma and no space	abc1@xyz.com, abc2@xyz.com	

Account Name*	As per standard, it will be company name with which environment its been setup (Test or Prod)	coupa_er_acccountname	freeform text	<company-name><Test/Prod>		
Don’t Import credit card expenses?	Checkbox that when enabled will force the script to skip expenses in Coupa that were created by the credit card integration.	_coupa_er_creditcardskip	checkbox	This will NOT mark them as exported currently, to allow them to be integrated through another point.		
Accounting Approval?	If true, then the expense report will have accounting approval set to true	_coupa_er_creditcardskip	checkbox			
Location Segment	The accounting segment in Coupa that holds the Netsuite location information	_coupa_er_classseg	freeform text		segment-4	
Class Segment	The accounting segment in Coupa that holds the Netsuite classification account information	_coupa_er_locseg	freeform text		segment-3	
Subsidiary Segment	The accounting segment in Coupa that holds the Netsuite subsidiary account information	_coupa_er_subsseg	freeform text		segment-1	

Employee Number Field	Field on the NetSuite Employee record which holds the value matching the Coupa Employee Number field on the User record.	_coupa_er_employee_num	freeform text	By default, the script will compare the Coupa employee number to the NetSuite Employee internalid. You usually would override this if the two do not correlate, or you require the internalID to be a specific format. This is used to match Expense reports to the correct employee.	custentity_coupa_employee_number	
Custom Body fields for expense report	Header custom field of coupa gets syncup with body custom field of netsuite. Note that no data transformation allowed.	_coupa_er_body	text area	Each custom field combination should be separated by a semicolon. The left side of the == is the field in the API response, and the right the internal id of the field in NetSuite that it maps to	requestedby==custbody_couparequester;requested-by-email==custbody_couparequestere mail	
Custom columns Fields	Line custom field of coupa gets syncup with column custom field of netsuite. Note that no data transformation allowed.	_coupa_er_column	text area	Each custom field combination should be separated by a semicolon. The left side of the == is the field in the API response, and the right the internal id of the field in NetSuite that it maps to	sectionname==custcol_section_name	

Send Tax code	Option to enable tax code being sent from Coupa to Netsuite so Netsuite calculates tax. When selected tax amount will NOT be added to the vendor bill expense line amount. Also when this option is selected, there will be an additional line per expense line for header level charges	_coupa_er_send_taxcode	checkbox	When using this option, the taxcodes in Coupa need to be stored in the following format: netsuitename:netsuiteint ernalid. E.g. if you have a taxcode in Netsuite VAT21 with internal id of 46 then in Coupa the taxcode should be created as VAT21:46 Additionally, this will not support Multiple Tax Lines in Coupa as there is only one place to set a Tax Code in NetSuite. Tax codes are also only applicable for NON-US Subsidiaries		
Coupa Pay	CoupaPay flag	custscript_coupa_er_coupapay	Check Box	CoupaPay is used to Pay ER		
Corp Card Enable	set Corporate Card Checkbox on Expense Report	custscript_coupa_er_corporate_card	Check Box	Added 6.1.2		
Reimbursable field	enable mapping Coupa's Reimburse to Employee field with NetSuite's Non-Reimbursable field	custscript_coupa_er_enable_reimbursable	Check Box	Added 6.1.2		
Use Approved at Date	Use approved at date for ER instead of created at date	custscript_coupa_er_use_approved_at_date	Check Box	Added 8.0.0 - NIB486		
*Use externalIds?	If customer is using external IDs for COA segments	_coupa_er_extid	Checkbox		T/F	
*Custom API argument	Add custom argument to API call	_er_filter	FreeForm		&limit=20	
*Number of Record Limit	Limit ERs on APi call	_exprts_limit	Freeform		10	

*Coupa Expense Report URL Link	Saves Coupa ER link to NS ER	_coupa_er_link_filed	FreeForm			
*Use Custom Form ID	Use custom ER Transaction form ID instead of preferred/standard form ID of 46	_coupa_er_customform_id	FreeForm			

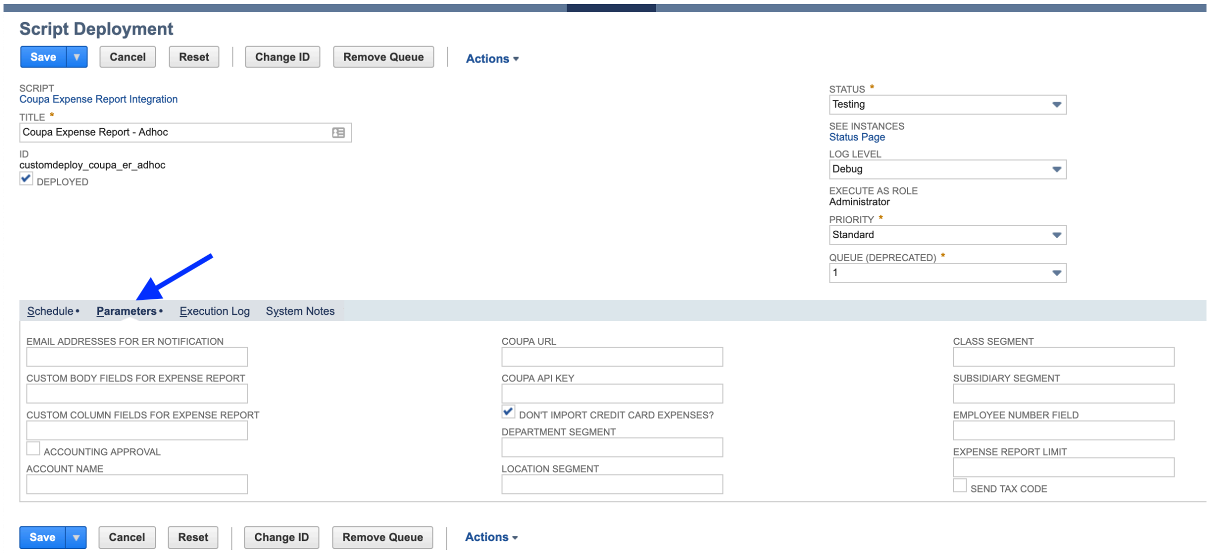
2 Find and Define Deployment Parameter Values

Navigation Path: Customization | Scripting | Scripts

Find the “Coupa Expense Integration” script

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.

Please refer back to the parameters table for guidance.



Script Deployment

SCRIPT
Coupa Expense Report Integration

TITLE *
Coupa Expense Report - Adhoc

ID
customdeploy_coupa_er_adhoc

☑ DEPLOYED

STATUS *
Testing

SEE INSTANCES
Status Page

LOG LEVEL
Debug

EXECUTE AS ROLE
Administrator

PRIORITY *
Standard

QUEUE (DEPRECATED) *
1

EMAIL ADDRESSES FOR ER NOTIFICATION

CUSTOM BODY FIELDS FOR EXPENSE REPORT

CUSTOM COLUMN FIELDS FOR EXPENSE REPORT

□ ACCOUNTING APPROVAL

ACCOUNT NAME

COUPA URL

COUPA API KEY

☑ DON'T IMPORT CREDIT CARD EXPENSES?

DEPARTMENT SEGMENT

LOCATION SEGMENT

CLASS SEGMENT

SUBSIDIARY SEGMENT

EMPLOYEE NUMBER FIELD

EXPENSE REPORT LIMIT

□ SEND TAX CODE

After you are done you can click the Save button and now the script is successfully deployed. Once testing is complete, schedule the deployment called “Coupa Expense Report Scheduled”. The Adhoc deployment should be used for testing and one-off executions. The log level of the Scheduled deployment should be set to Audit.

Coupa Expense Report Payment to Netsuite ER Payment

Overview

The integration syncs up Coupa Expense Report Payments via CoupaPay to Netsuite via a scheduled ScuiteScript. The Coupa Expense Report Payment will be integrated when the payment is moved to “completed_successfully” or “completed_with_errors” in. After the pull the integration will set the exported flag to true on the Expense Payments.

Script Sequence Explained

This integration is on a schedule that you can set to meet your frequency and volume for Coupa Expense Payments.

- The Coupa API call to create the Expense Payment is called on a predefined schedule.
- The nlapiRequestURL function is used to perform a HTTP GET to retrieve the Coupa Expense Payment that is fully “completed_successfully” or “completed_with_errors” and not exported.

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**

Pre-Requisites

1. Coupa P2P + Expenses bundle deployed
2. Coupa API key created.
3. Coupa Chart of Account setup
4. Coupa Company Payment Account Setup for Expense Payments
5. Coupa Users Payment Methhod set to
6. Netsuite EFT is disabled

Tips to help you succeed

- Map the Coupa CPA to NS Bank account correctly to avoid payment creation issues

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

Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your values**
Coupa URL *	The Coupa instance the integration will connect to	_coupa_er_url	freeform text		2e528d48825a8fe5a6a2a67972a2d8d21f5j3sdf4 8	
Coupa API Key*	The API Key for Coupa’s REST based API	_coupa_er_apikey	freeform text		http://netsuiteintegration-demo.coupacloud.com/	
Email Errors To	List of emails to receive errors generated by the script execution	_custscript_coupa_erpay_errorto	freeform text	Separate the emails with a comma and no space	abc1@xyz.com, abc2@xyz.com	
Email Errors From	NS Internal ID of the user the emails should be from	custscript_coupa_erpay_errorfrm	freeform text			
Custom Payment Status	Custom status to export CoupaPay Payments. If blank, defaults to completed_successfully.	custscript_coupa_erpay_status	Free-Form Text			
Force Save?	If true, then the expense report will have accounting approval set to true	customscript_coupa_erpay_forcesav	checkbox	If true, will pass a parameter when saving to skip validations		
Coupa Acct to NS Acct	Mapping from Coupa Pay From Account ID to the NetSuite bank account number location information	custscript_coupa_erpay_accmap	freeform text			
Custom Status Filter	Apply custom status filter	custscript_coupa_erpay_status_filter	freeform text			

Custom Query Arguments	Apply custom API filter	custscript_coupa_erpay_cust_args	freeform text		When the SUBS_CURR_ID from the mapping matches the subsidiary currency the account from mapping provided will be used and set on the payment transaction mapping(CPA_ID==NS_ACCOUNT==SUBS_ID)	
Default Dept	Default Department on ER Payment	custscript_coupa_erpay_headdept	freeform text	Added 6.1.2	3==2892;11==213	
Default Class	Default Class on ER Payment	custscript_coupa_erpay_headclass	freeform text	Added 6.1.2	3==2892;11==213	
Default Locn	Default Locationon ER Payment	custscript_coupa_erpay_headlocn	freeform text	Added 6.1.2	3==2892;11==213	
Map custom field	Map custom field	custscript_coupa_erpay_header_cust_field	freeform text	Added 6.1.2	id==custbody_test_field;pay-from-account.id==custbody_custom_field	
Use updated_at date	Use updated_at date instead of released_at date override	custscript_coupa_erpay_use_updated_at	CheckBox	Added 7.0.0		
*Support Single Currency	In case of single currency used in NS, use this flag to set default currency	_coupa_erpay_default_currency	FreeForm			

2 Find and Define Deployment Parameter Values

Navigation Path: Customization | Scripting | Scripts

Find the “Coupa Expense Payment Integration” script

Coupa Expense Report to Netsuite Vendor Bill

Review Parameter List

Overview

The integration takes a Coupa Expense Report and turns it into a NetSuite Vendor bill. When a new Expense Report is created with status=approved for payment, the NetSuite scheduled script will call the Coupa API and will create Vendor Bill. After the pull the integration will set the exported flag to true.

when clients want to pay their employees in a currency other than the "functional currency" of their subsidiary. For example, if an employee resides in the Japan, and the functional subsidiary currency is set to Yen, the employee can only be reimbursed in Yen.

Script Sequence Explained

This integration is on a schedule that you can set to meet your frequency and volume as Coupa Expense Reports are approved.

- The Coupa API call to create the Vendor Bill is called on a predefined schedule.
- The HTTP GET function is used to retrieve the Coupa Expense that is fully approved and not exported.
- The createVendorBill(expenseReport, vendorId, reportId) is used to generate the Netsuite Vendor Bill.

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

- When an existing Expense Report that was already exported to NetSuite is updated then Coupa will set the exported flag to false.
- The NetSuite scheduled script will call the Coupa API and update the Expense Report where the "exported" flag is false and "status" is approved for payment.
- *Note: Editing the Expense Report in NetSuite is restricted. Any changes will be overridden by Coupa ER data*ER

Pre-Requisites

1. Coupa P2P + Expenses bundle deployed
2. Coupa API key or OIDC Auth created.
3. Coupa Chart of Account setup
4. Setup coupa Users with Netsuite vendor id
5. Coupa Expense Category Setup
6. NetSuite Expense Category Setup (names must match identically)
7. Coupa commodity and NetSuite mapping (names must match identically)
8. If NetSuite Expense Category name that maps to Coupa Expense Category is changed, the integration will fail to find the Expense Category. The change should be made in both Coupa and NetSuite at the same time

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**
Coupa URL *	The Coupa instance the integration will connect to	custscript_coupa_er2vb_url	freeform text		https://abc-demo.coupadev.com	
Coupa API Key*	The API Key for Coupa's REST based API	custscript_coupa_er2vb_apikey	Freefrom text		j3jn1j3bmmdloq212313m1b1b231m1k23	
Custom Export Field	Used to denote a custom export field, rather than last_exported_at	custscript_coupa_er2vb_export	Freeform text		exported-to-netsuite	
Custom Status Field	Used to set a status other than approved_for_payment to query by	custscript_coupa_er2vb_status	Freeform text		accounting_review	
Report Execution Limit	In some cases, the Coupa API may take too long to return expense reports. So this can be used to limit the number of records returned	custscript_coupa_er2vb_limit	Freeform text		10	
Query by Updated Date?	If true, then the two updated fields will be checked and used to filter expense reports	custscript_coupa_er2vb_updatedate	checkbox		True	
Updated After	If Query by Updated Date is set, and this populated, then a parameter will be added to only retrieve reports updated after the provided date	custscript_coupa_er2vb_fm_updated	date		2020-1-30	
Updated Before	If Query by Updated Date is set, and this populated, then a parameter will be added to only retrieve reports updated before the provided date	custscript_coupa_er2vb_to_updated	Date		2020-1-15	
External Source Filter Value	Used to skip Corporate card files	custscript_coupa_er2vb_extsrcfilter	Freeform-text		corporate_credit_card_amex	
Custom Employee Number	Used to denote a custom field on the Expensed By user in Coupa that should be used instead of employee number to match	custscript_coupa_er2vb_employee_field	Freeform-text		netsuite-vendor-id	

	entityid (Vendor ID)					
Account Segment	Xml tag for the GL Account segment	custscript_coupa_er2vb_glaccseg	Freeform-text		segment-2	
Line Custom Field Mappings	Line level custom field mappings in the format: coupa-xml-tag==netsuitefield;	custscript_coupa_er2vb_lnfields	Text-area		coupa-xml-tag==netsuitetag1;coupa-xml-tag2==netsuitetag2;	
Header Custom Field Mappings	Header level custom field mappings in the format: coupa-xml-tag==netsuitefield;	custscript_coupa_er2vb_hdrfields	Text-area		coupa-xml-tag==netsuitetag1;coupa-xml-tag2==netsuitetag2;	
Account Payable number	The GL number for the account payable you wish to use	custscript_coupa_er2vb_payacc	Freeform-text		20001	
Cut-off Date	The calendar date after which you do not want to allow reports to post in the previous period	custscript_coupa_er2vb_cutoff			7	
Force Saving	If true, then save will ignore Mandatory fields	custscript_coupa_er2vb_forcesave	checkbox			
Department Segment	Xml tag for the department segment	custscript_coupa_er2vb_deptseg			Segment-3	
Class Segment	Xml tag for the class segment	custscript_coupa_er2vb_classseg			Segment-4	
Location Segment	Xml tag for the location segment	custscript_coupa_er2vb_locseg			Segment-5	
Subsidiary Segment	Xml tag for the subsidiary segment	custscript_coupa_er2vb_subsseg			Segment-1	
Error To Emails	List of emails that should receive the alerts	custscript_coupa_er2vb_errorto			abc@example.com , xyz@example.com	
Error From ID	Internal ID of the netsuite Employee that the emails should be from	custscript_coupa_er2vb_errorfrm			1	
Corp Card Vendor	The field can be a select field with a list of vendor OR a text field with the internal Id of the vendor. If the	custscript_coupa_er2vb_corp_card_vendor	List/Record			

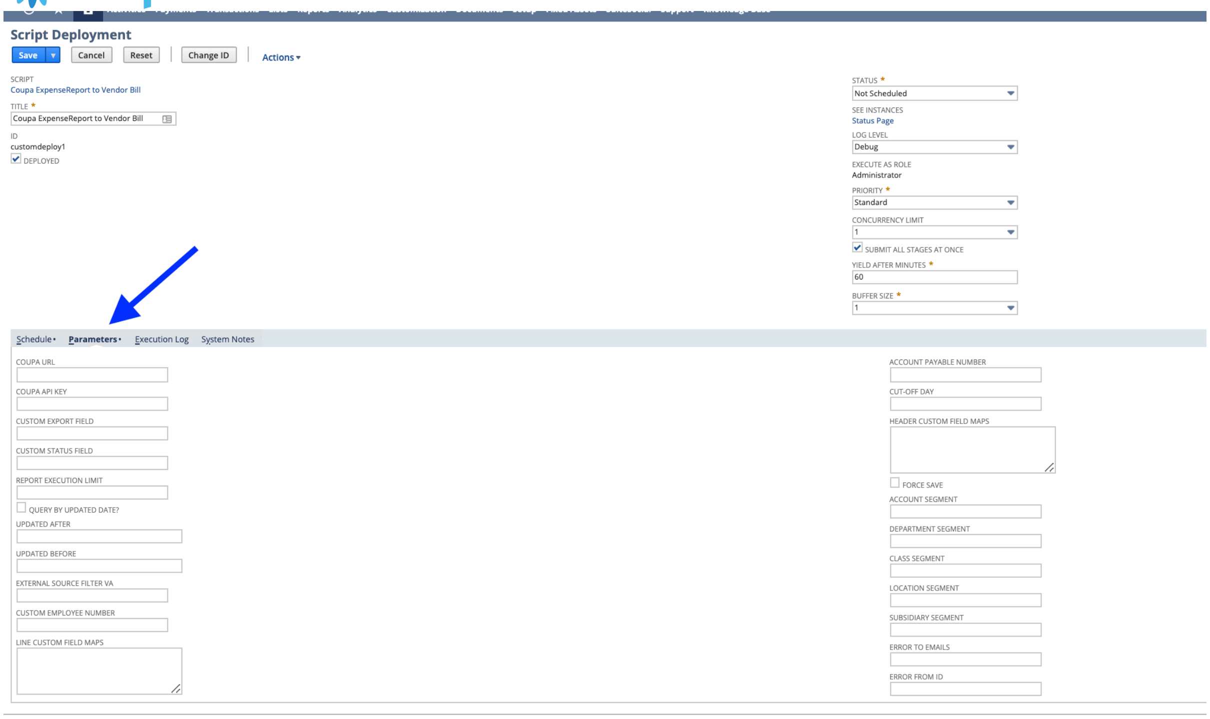
	externalSrcName is not blank or web the Expense will be considered as Corp Card Expense and the selected Vendor in the parameter will be set as the Entity on the Vendor Bill instead of the actual expensed by user Vendor record.					
Multi Corp Card vendor mapping	Mapping multiple Corporate Card Vendors.	custscript_coupa_er2vb_corpcard_mapping	text	Added 6.1.2	corpcc.master==18555;corpcc.visa==3456;corpcc.mastercard==3457;corpcc.amex==345	
Default currency	Use default currency in case only once currency used	custscript_coupa_er2vbpay_def_currency				
Sync Preapproved ERs?		custscript_coupa_enable_preapp_er_intg	Check Box			Added 11.1
Use Approved for Payment date?		custscript_coupa_er2vb_approved	Check Box			Added 15.0.0
Send Tax Code		custscript_coupa_er2vb_sendtaxcode	Check Box			Added 18.0.0

2 Find and Define Deployment Parameter Values

Navigation Path: Customization | Scripting | Scripts
Find the "Coupa ExpenseReport to Vendor Bill " script

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.

Please refer back to the parameters table for guidance.



Script Deployment

SCRIPT
Coupa ExpenseReport to Vendor Bill

TITLE *
Coupa ExpenseReport to Vendor Bill

ID
customdeploy1

☑ DEPLOYED

STATUS *
Not Scheduled

SEE INSTANCES
Status Page

LOG LEVEL
Debug

EXECUTE AS ROLE
Administrator

PRIORITY *
Standard

CONCURRENCY LIMIT
1

☑ SUBMIT ALL STAGES AT ONCE

YIELD AFTER MINUTES *
60

BUFFER SIZE *
1

COUPA URL

COUPA API KEY

CUSTOM EXPORT FIELD

CUSTOM STATUS FIELD

REPORT EXECUTION LIMIT

□ QUERY BY UPDATED DATE?

UPDATED AFTER

UPDATED BEFORE

EXTERNAL SOURCE FILTER VA

CUSTOM EMPLOYEE NUMBER

LINE CUSTOM FIELD MAPS

ACCOUNT PAYABLE NUMBER

CUT-OFF DAY

HEADER CUSTOM FIELD MAPS

□ FORCE SAVE

ACCOUNT SEGMENT

DEPARTMENT SEGMENT

CLASS SEGMENT

LOCATION SEGMENT

SUBSIDIARY SEGMENT

ERROR TO EMAILS

ERROR FROM ID

After you are done you can click the Save button and now the script is successfully deployed. Once testing is complete, schedule the deployment called “Coupa Expense Report Scheduled”. The Adhoc deployment should be used for testing and one-off executions. The log level of the Scheduled deployment should be set to Audit.

Coupa to Netsuite Charge to Credit Card transaction

Overview

Customers with Coupa Pay PO Payments may use this integration. The integration takes a Coupa Charges for Purchase Orders and turns it into a NetSuite Credit Card Transactions. When a new Charge is created the NetSuite scheduled script will call the Coupa API and will create a Credit Card transaction. After the pull the integration will set the exported flag to true.

Script Sequence Explained

This integration is on a schedule that you can set to meet your Charge data load to Coupa.

- The Coupa API call to create the Vendor Bill is called on a predefined schedule.
- The HTTP GET function is used to retrieve the new Coupa Charges for Purchase Orders.
- Script is used to generate the Netsuite credit Card Transactions.

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

- Charges will be loaded to Coupa on a daily basis, so schedule your integration daily. Align timing at implementation

Pre-Requisites

- Coupa P2P + Coupa Pay
- Coupa API key created.
- Coupa Chart of Account setup
- Coupa Payment Partner Setup
- Coupa Supplier Payment Method setup
- Account for credit card charges in Netsuite
- Issuer Bank as Supplier in Netsuite
- Budget Periods(this is used to find Accounting Periods in NS) have to be created for that COA in Coupa

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_chrg_errorto	freeform text		test@coupa.com	
Email Errors From	NS Internal ID of the user the emails should be from	custscript_coupa_chrg_errorfrom	Freefrom text		test@coupa.com	
Coupa URL	URL of your coupa instance	custscript_coupa_chrg_url	Freeform text		https://netsuite-integrations.coupahost.com	
Coupa API Key	custscript_coupa_chrg_apikey	API key from your Coupa instance	Freeform text		102983oilJ092831237772310	
Subsidiary Segment	XML tag for the subsidiary segment	custscript_coupa_chrg_subsseg	Freeform text		segment-1	
Account Segment	XML tag for the gl account segmen	custscript_coupa_chrg_acct	checkbox		segment-2	
Department Segment	custscript_coupa_chrg_dept	XML tag for the department segment	date		segment-3	
Class Segment	XML tax for the Class segment	custscript_coupa_chrg_class	Date		segment-4	
Location Segment	custscript_coupa_chrg_locn	custscript_coupa_chrg_locn	Freeform-text		segment-5	
Charge Custom Fields	Custom field mapping for extra fields	custscript_coupa_chrg_linecf	Freeform-text		coupa-xml-path==netsuite_field_id	
Charge Custom Fields	Custom field mapping for extra fields	custscript_coupa_chrg_headcf	Freeform-text		coupa-xml-path==netsuite_field_id	
Force Save?	If true, will pass a parameter	customscript_coupa_chrg_forcesave	CheckBox			

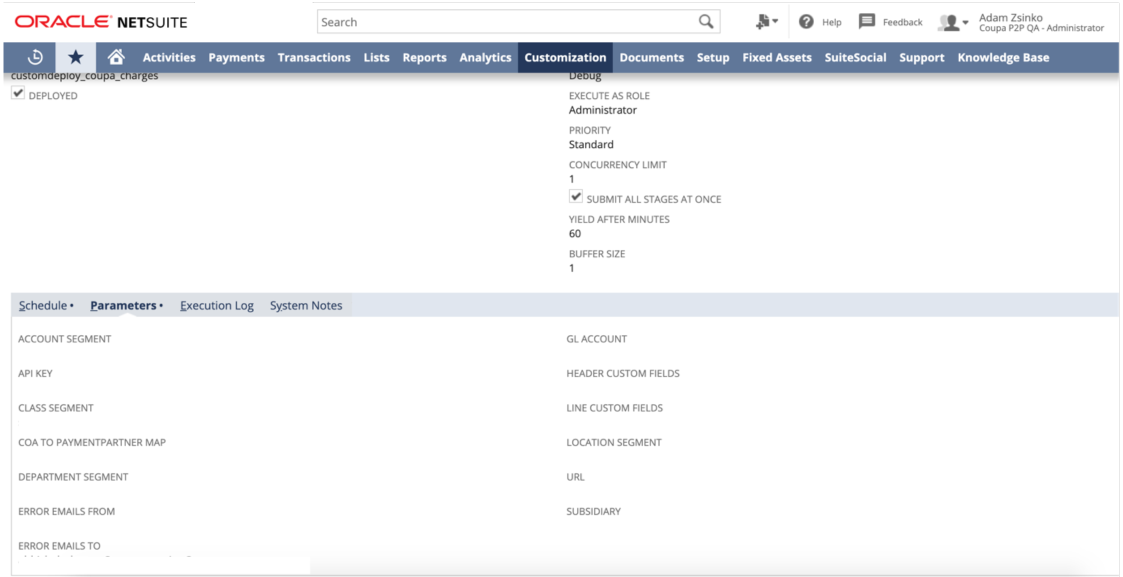
	when saving to skip validations					
CoA ID to Vendor ID	map from the Coupa Chart of Accounts ID to the NetSuite Vendor ID representing the Payment Partner or Credit Card Vendor that these charges should be tied to. In Coupa, one CoA is tied to one Payment Partner, so the same applies here, one CoA ties to one Vendor	custscript_coupa_chrg_coatopp	Text-area		1==3412;2==4812;3==452	
Account Payable Number	The internal ID for the Account Payable that should be set on the transaction linked to the Coupa COA	custscript_coupa_chrg_glacc	Freeform-text		1==245	
Cut off days for Posting Period	Add +/- posting cutoff days	*custscript_coupa_chrg_cutoff_day*	Freeform-text			
Issuer Reconsiliation ID	Issuers uniq transaction ID	custbody_coupa_issuer_recon_id	Freeform-text			
Holding Account Mapping	COA to Holding account mapping for Ghost Card	custscript_holding_acc_mapping			COA_ID1==HOLDING_ACCOUNT_NUMBER1;COA_ID2==HOLDING_ACCOUNT_NUMBER2	
Holding Department	COA to Holding Department	custscript_holding_depart_mapping			COA_ID1==HOLDING_DEPARTMENT_ID1;C	

Mapping	mapping for Ghost Card				OA_ID2==HOLDING_DEPARTMENT_ID2	
Holding Location Mapping	COA to Holding Location mapping for Ghost Card	custscript_holding_location_mapping			COA_ID1==HOLDING_LOCATION_ID1;COA_ID2==HOLDING_LOCATION_ID2	
Holding Class Mapping	COA to Holding Class mapping for Ghost Card	custscript_holding_class_mapping			COA_ID1==HOLDING_CLASS_ID1;COA_ID2==HOLDING_CLASS_ID2	

2 Find and Define Deployment Parameter Values

Navigation Path: Customization | Scripting | Scripts
Find the “Coupa Charges Integration” script

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.



customdeploy_coupa_charges

☑ DEPLOYED

Debug

EXECUTE AS ROLE
Administrator

PRIORITY
Standard

CONCURRENCY LIMIT
1

☑ SUBMIT ALL STAGES AT ONCE

YIELD AFTER MINUTES
60

BUFFER SIZE
1

ACCOUNT SEGMENT

API KEY

CLASS SEGMENT

COA TO PAYMENTPARTNER MAP

DEPARTMENT SEGMENT

ERROR EMAILS FROM

ERROR EMAILS TO

GL ACCOUNT

HEADER CUSTOM FIELDS

LINE CUSTOM FIELDS

LOCATION SEGMENT

URL

SUBSIDIARY

Please refer back to the parameters table for guidance.

After you are done you can click the Save button and now the script is successfully deployed. Once testing is complete, schedule the deployment called “Coupa Charges Integration Scheduled”. The Adhoc deployment should be used for testing and one-off executions. The log level of the Scheduled deployment should be set to Audit.

Coupa Invoice Payment to Netsuite Vendor Bill Payment

Overview

Customers with Coupa Pay Invoice Payments may use this integration. The integration takes a Coupa Invoice Payments and turns it into a NetSuite Vendor Bill Payments.
When an Invoice Payment is moved to "Completed Successfully" in Coupa the NetSuite scheduled script will call the Coupa API and will create a Bill Payment . The script will reverse Vendor Bill Payment and reset Payment Hold flag on invoice if the Payment status in Coupa changes to "Completed with Error". After the pull the integration will set the exported flag to true on the Coupa Payment.

In NS Bundle release 3.0.0 we added option to

- Create one payment in Netsuite across all Invoices/Vendor bills in the Coupa Payment. This help with reconciliation and Credit Note handling in Payments. This feature requires a new parameter to be setup.
- Integrate payments as soon as they are released in Coupa to Netsuite, so no delay while the payment transition to "Completed Successfully" status. This feature requires a new parameter to be setup.

Script Sequence Explained

This integration is on a schedule that you can set to send Payment data to Netsuite from Coupa

- The Coupa API call to create the Vendor Bill is called on a predefined schedule.
- The HTTP GET function is used to retrieve the new Coupa Invoice Payments at "completed_successfully" status or at any status (from 3.0.0)
- Script is used to generate the Netsuite Vendor Bill Payment

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
- If you wish to see payment in netsuite asap, check parameters

Pre-Requisites

- Coupa P2P + Coupa Pay
- Coupa API key or OIDC Auth created.
- Coupa Chart of Account setup
- Coupa Payment Partner (if Virtual Card on Invoice Payment used)
- Coupa Company Payment Account(s)
- Coupa Supplier Payment Method setup
- Coupa Supplier Payment Account(s)

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_chrg_errorto	freeform text		test@coupa.com	
Email Errors From	NS Internal ID of the user the emails should be from	custscript_coupa_chrg_errorfrom	Freefrom text		test@coupa.com	
Coupa URL	URL of your coupa instance	custscript_coupa_chrg_url	Freeform text		https://netsuite-integrations.coupahost.com	
Coupa API Key	custscript_coupa_chrg_apikey	API key from your Coupa instance	Freeform text		102983oiIJ092831237772310	
Custom Payment Status	Custom status to export CoupaPay Payments. If blank, defaults to completed_successfully	custscript_coupa_pymt_status	Freeform text	DO NOT populate, it will be set completed_successfully by default		
Force Save?	If true, will pass a parameter when saving to skip validations	customscript_coupa_pymt_forcesave	checkbox			
Coupa Account to NS Account	This is a mapping from the Coupa Pay From (Company) Account to the NetSuite Pay From	custscript_coupa_pymt_accmap		When the SUBS_CURR_ID from the mapping matches the subsidiary currency the account from	1==3412;2==4812;3==452	

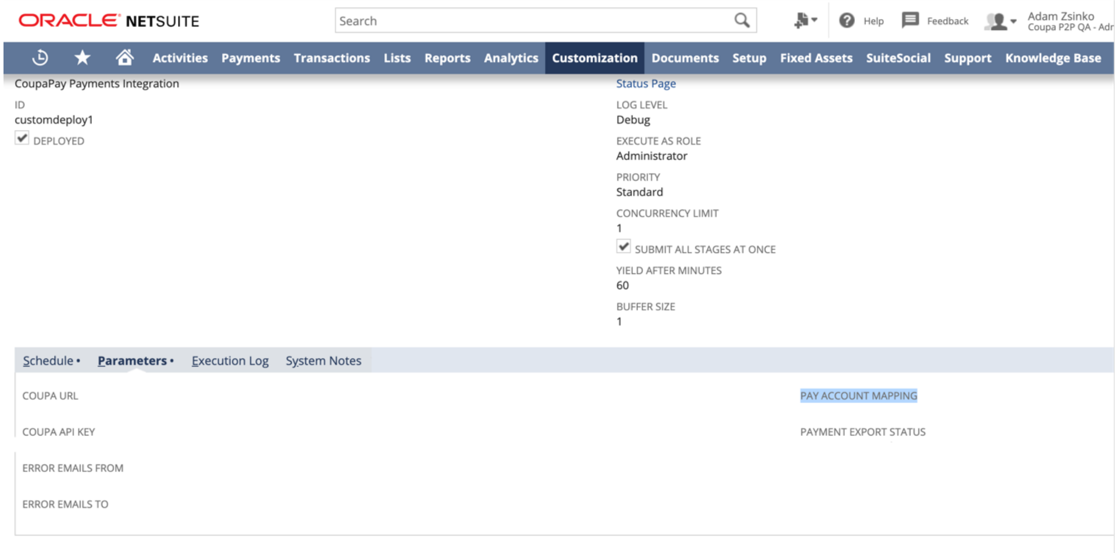
	account representing the bank account that these payments should be tied to.			mapping provided will be used and set on the payment transaction mapping(CPA_ID ==NS_ACCOUNT ==SUBS_ID)		
Custom field	Map Payment header field	custscript_coupa_pymt_header_cust_fields				
Override released_at	Override usage of released_at date to use update_at date for payment	custscript_coupa_pymt_use_updated_at	CheckBox	Added 7.0.0		
Process Records To #	Ending record to process. Passed as a parameter to a new scheduled script when usage limit reached or records to process more than “Process Records To #”	_coupa_pay_torecords	Integer Number	Default is 250	250	
Bring Payment to NS ASAP	when true, we import all statuses from payment initiated onward	custscript_coupa_pymt_status_filter	checkbox			
Custom API Arguments	lets you specify custom query parameters, does not let you change status	custscript_coupa_pmnt_cust_args	Text		return_object= shallow, limt=5	
Static Department	specify a static department internal id	custscript_coupa_pymt_headdept	Text			

	for the payment header, or put 'retrieveValue' which will lookup the value from the first vendor bill					
Static Classification	specify a static classification internal id for the payment header, or put 'retrieveValue' which will lookup the value from the first vendor bill	custscript_coupa_pymt_headclas	Text			

2 Find and Define Deployment Parameter Values

Navigation Path: Customization | Scripting | Scripts
Find the "CoupaPay Payment Integration" script

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.



CoupaPay Payments Integration

ID
customdeploy1

☑ DEPLOYED

Status Page

LOG LEVEL
Debug

EXECUTE AS ROLE
Administrator

PRIORITY
Standard

CONCURRENCY LIMIT
1

☑ SUBMIT ALL STAGES AT ONCE

YIELD AFTER MINUTES
60

BUFFER SIZE
1

COUPA URL

COUPA API KEY

ERROR EMAILS FROM

ERROR EMAILS TO

PAY ACCOUNT MAPPING

PAYMENT EXPORT STATUS

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.

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 Subsidiary Intercompany AP account Intercompany AR account	COUPA_PAY_FROM_ACCOUNT==NS_SUBSIDIARY_ID==INTERCOMPANY_A/P==INTERCOMPANY_A/R	
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	

Coupa to Netsuite Expense Payment to Vendor Bill Payment

Overview

Customers with Coupa Pay Expense Payments may use this integration. The integration takes a Coupa Invoice Payments and turns it into a NetSuite Vendor Bill Payments.
When an Expense Payment is moved to “Completed Successfully” in Coupa the NetSuite scheduled script will call the Coupa API and will create a Bill Payment . The script will reverse Vendor Bill Payment and reset Payment Hold flag on Vendor Bill if the Payment status in Coupa changes to “Completed with Error”. After the pull, the integration will set the exported flag to true on the Coupa Expense Payment.

- Create one payment in Netsuite across all Invoices/Vendor bills in the Coupa Expense Payment.
- Integrate Expense payments as soon as they are released in Coupa to Netsuite, so no delay while the payment transition to “Completed Successfully” status. This feature requires a new parameter to be setup.

Script Sequence Explained

This integration is on a schedule that you can set to send Payment data to Netsuite from Coupa .

- The Coupa API call to create the Vendor Bill is called on a predefined schedule.
- The HTTP GET function is used to retrieve the new Coupa Expense Payments at “completed_successfully” status or at any status
- Script is used to generate the Netsuite Vendor Bill Payment

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
- If you wish to see payment in netsuite asap, check parameters

Pre-Requisites

- Coupa Expense + Coupa Pay
- Coupa API key or OIDC Auth created.
- Coupa Chart of Account setup
- Coupa Company Payment Account(s)
- Coupa Employee Payment Method setup
- Coupa Employee Payment Account(s)

2 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_chrg_errorto	freeform text		test@coupa.com	
Email Errors From	NS Internal ID of the user the emails should be from	custscript_coupa_chrg_errorfrom	Freefrom text		test@coupa.com	
Coupa URL	URL of your coupa instance	custscript_coupa_chrg_url	Freeform text		https://netsuite-integrations.coupahost.com	
Coupa API Key	custscript_coupa_chrg_apikey	API key from your Coupa instance	Freeform text		102983oiIJ092831237772310	
Custom Payment Status Filter	CoupaPay Payments. If blank, defaults to completed_successfully otherwise all payments exported an any status	custscript_coupa_er2vbpay_status_filter	checkbox	DO NOT populate, it will be set completed_successfully by default		
Custom payment status	Integrate only payments in custom status	custscript_coupa_er2vbpay_status	Free-Form-text			
Coupa Account to NS Account	This is a mapping from the Coupa Pay From (Company) Account to the NetSuite Pay From	custscript_coupa_er2vbpay_accmap		When the SUBS_CURR_ID from the mapping matches the subsidiary currency the account from mapping provided	1==3412;2==4812;3==452	

	account representing the bank account that these payments should be tied to.			will be used and set on the payment transaction mapping(CPA_ID ==NS_ACCOUNT ==SUBS_ID)		
Custom Query Argument	Add any custom query argument to the API call	custscript_coupa_er2vbpay_cust_args	Free-Form-Text		&created-at[gt]=2020-07-01	
Header Department		custscript_coupa_er2vbpay_headdept	Free-Form-Text	If Header level Department is required, set to either default value or 'retrieveValue' to pull from the first line	23	
Header Class		custscript_coupa_er2vbpay_heaadclass	Free-Form-Text	If Header level Classification is required, set to either default value or 'retrieveValue' to pull from the first line	12	
Header Location		custscript_coupa_er2vbpay_headlocn	Free-Form-Text	If Header level Location is required, set to either default value or 'retrieveValue' to pull from the first line	11	
Custom field mapping	Map header custom field	custscript_coupa_er2vbpay_header_custfil	Free-Form-Text	Added 6.1.2	custbody_test_field;pay-from-account.id==memo	
Override released_at	Override usage of released_at date to use update_at date for payment	custscript_coupa_er2vbpay_use_updated_at	CheckBox	Added 7.0.0		

2 Find and Define Deployment Parameter Values

Navigation Path: Customization | Scripting | Scripts

Find the “CoupaPay Payment Integration” script

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.

Please refer back to the parameters table for guidance.

After you are done you can click the Save button and now the script is successfully deployed. Once testing is complete, schedule the deployment called “CoupaPay ER2VB Payment Integration Scheduled”. The Adhoc deployment should be used for testing and one-off executions. The log level of the Scheduled deployment should be set to Audit.

Coupa PrePayment to Netsuite PrePayment

Overview

Pre-Payment (milestone) can be created on Coupa Purchase Orders for non CoupaPay Suppliers.
Once Purchase Order is approved Pre-Payments will be integrated to Netsuite.
PrePayments must be paid in Netsuite. Integration will bring Pre-Payment "paid" status back to Coupa which allows the Pre-Payment to be allocated to an Invoice.
Pre-Payment allocation in Coupa will be integrated to Netsuite creating a Pre-Payment Allocation.
When Coupa Invoice integrated to Netsuite, it will have the relevant Pre-Payment linked through the Pre-Payment Allocation which will reduce automatically the Invoice Payment due amount in Netsuite.

Script Sequence Explained

This integration is on a schedule that you can set to send Pre-Payment and Pre-Payment Allocation data to Netsuite from Coupa and send Pre-Payment payment status from Netsuite to Coupa

This Integration involves 3 scripts.

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

- Make sure Pre-Payment approval is set in NS (or set to auto approve)
- Scripts are schedules correctly and running frequently

Pre-Requisites

- Coupa P2P + Coupa Pay
- Coupa API key or OIDC Auth created.
- Script deployment parameter is set
- Coupa/Netsuite Segment mapping is setup correctly
-

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 *

Coupa Vendor PrePayment Integration Script

Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your values**
Coupa URL		custscript_coupa_prepay_host_url	Hyperlink			
Error Email Receiver(Comma separated)		custscript_coupa_prepay_error_to	Text Area			
Error Email Sender		custscript_coupa_prepay_error_from	List/Record	Employee		
Custom Body Field Mapping		custscript_coupa_prepay_cust_body_fields	Text Area			
Custom Arguments		custscript_coupa_prepay_custom_arguments	Text Area			
Department Segment Mapping		custscript_coupa_prepay_depart_mapping	Text Area			
Class Segment Mapping		custscript_coupa_prepay_class_mapping	Text Area			
Location Segment Mapping		custscript_coupa_prepay_location_mapping	Text Area			
Account Segment Mapping		custscript_coupa_prepay_account_mapping	Text Area			
Posting Period Cut Off		custscript_coupa_prepay_cutoff_day	Free-Form Text			
Auto Approve PrePayment?		custscript_coupa_prepay_auto_approve	Check Box			
EFT Field ID		custscript_coupa_prepay_eft_option	Free-Form Text			
Subsidiary Segment		custscript_coupa_prepay_sub_segment	Free-Form Text			

Coupa PrePaymentReconciliation Line Sync SCRIPT

Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your values**
Coupa URL		custscript_coupa_prepay_host_url	Hyperlink			
Error Email Receiver		custscript_coupa_prepay_sync_error_to	Text Area			
Error Email Sender		custscript_coupa_prepay_sync_error_from	List/Record			
Export From Prepayment Date		custscript_coupa_prepay_export_from_date	Date			
Export To PrePayment Date		custscript_coupa_prepay_export_to_date	Date			

Sync Voided PrePayments		custscript_coupa_prepay_sync_voided	Check Box			

Coupa Prepayment Application to VB Script is a User Event script, no Parameter required

Script Definition					Script Deployment	
Label	**Description**	**Id**	**Type**	**Comments**	**Example**	**Your values**

2 Find and Define Deployment Parameter Values

Scripts used for this Integration are:

- Coupa Vendor PrePayment Integration Script – MAP/REDUCE
- Coupa PrePaymentReconciliation Line Sync SCRIPT – MAP/REDUCE
- Coupa Prepayment Application to VB Script is a User Event script, no Parameter required

Coupa Dynamic Discounting to Netsuite Invoice

Overview

Customers with CoupaPay Dynamic Discounting may use this integration. The integration checks CoupaPay Invoice status and makes the necessary updates to the Netsuite Bill to reflect the Early Payment Discount process.
When a Supplier invoice in Coupa is eligible for Working Capital Consideration the integration will put the Bill in Netsuite on “Hold Payment”, so it can not be included in the payment run while the Early Pay Discount (EPD) process is on. When the EPD is accepted or the EPD has expired, based on the Coupa PayInvoice, integration will remove NS Bill “Hold Payment” flag, and will apply the Payment Term applicable based on the EPD.
The script will create NS Payment term with prefix as “_DD_Terms_Percentage%_DueDays”

- Supplier Invoice in Coupa is under Working Capital Consideration
- Integration sets NS Bill/invoice “Hold Payment” flag
- Inetgration removes NS Bill/Invoice. “Hold Payment” flag. And applies EPD Payment Term

Script Sequence Explained

This integration is on a schedule that you can set to send Dynamic Discounting data to Netsuite from Coupa .

- The Coupa API call to update the Vendor Bill is called on a predefined schedule.
- The HTTP GET function is used to retrieve the CoupaPay Invoice status

Activities

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

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

Tips to help you succeed

- CoupaPay Invoice in. Working Capital Consideration
- New Payment Terms created automatically

Pre-Requisites

- Coupa API key or OIDC Auth created.
- Coupa Chart of Account setup
- Coupa Company Payment Account(s)
- Supplier Working Capital Whitelisted in Coupa

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 Receiver	Comma separated list of emails to receive error notifications	custscript_coupa_dd_email_receiver	freeform text		test@coupa.com	
Email Errors Sender	NS Internal ID of the user the emails should be from	custscript_coupa_dd_email_sender	Freefrom text		test@coupa.com	
Coupa URL	URL of your coupa instance	custscript_coupa_dd_url	Freeform text		https://netsuite-integrations.coupahost.com	
Coupa API Key	custscript_coupa_chrg_apikey	custscript_coupa_dd_api_key	Freeform text		102983oiIJ092831237772310	

2 Find and Define Deployment Parameter Values

Navigation Path: Customization | Scripting | Scripts
Find the “CoupaPay Dynamic Discounting” script

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.

Please refer back to the parameters table for guidance.

After you are done you can click the Save button and now the script is successfully deployed. Once testing is complete, schedule the deployment called “CoupaPay Dynamic Discounting”. The Adhoc deployment should be used for testing and one-off executions. The log level of the Scheduled deployment should be set to Audit.

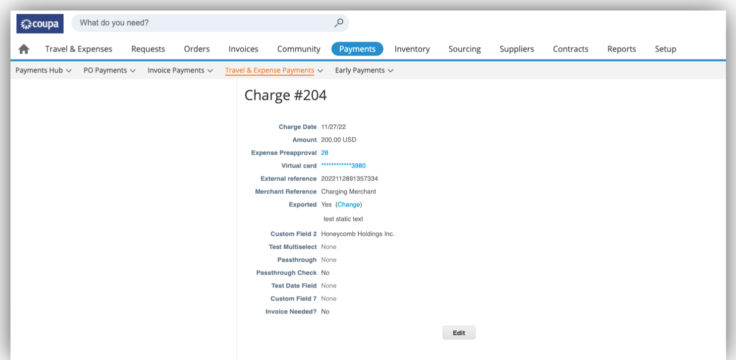
APPENDIX

Expense PreApproval Process

Expense PreApproval (with Virtual Card) is supported from NS Bundle 11.0.0.

The process starts with an Expense PreApproval request. Once the Request is approved, the User will be provided with a Virtual Card. The Coupa Steps are not described here.

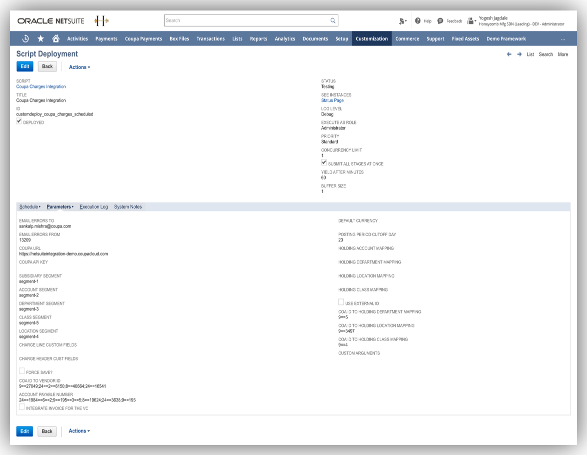
1. As soon the Virtual Card is used and charge has flown into Coupa from the card network, NS Bundle will integrate the Coupa virtual card **Charges** to Netsuite as Netsuite **Credit Card** transaction.



Charge #204

Charge Date	11/27/22
Amount	200.00 USD
Expense Preapproval	28
Virtual card	************3980
External reference	2022112891357334
Merchant Reference	Charging Merchant
Exported	Yes (Change)
	test static text
Custom Field 2	Honeycomb Holdings Inc.
Test Multiselect	None
Passthrough	None
Passthrough Check	No
Test Date Field	None
Custom Field 7	None
Invoice Needed?	No

2. At that point the Credit Card transaction will be booked against the holding account (in this example 6020) defined in Coupa as no final debit account yet available.



Script Deployment

SCRIPT
Coupa Charges Integration

TITLE
Coupa Charges Integration

ID
customdeploy_coupa_charges_scheduled

☑ DEPLOYED

STATUS
Testing

SEE INSTANCES
Status Page

LOG LEVEL
Debug

EXECUTE AS ROLE
Administrator

PRIORITY
Standard

CONCURRENCY LIMIT
1

☑ SUBMIT ALL STAGES AT ONCE

YIELD AFTER MINUTES
60

BUFFER SIZE
1

EMAIL ERRORS TO
sankalp.mishra@coupa.com

EMAIL ERRORS FROM
13209

COUPA URL
https://netsuiteintegration-demo.coupacloud.com

COUPA API KEY

SUBSIDIARY SEGMENT
segment-1

ACCOUNT SEGMENT
segment-2

DEPARTMENT SEGMENT
segment-3

CLASS SEGMENT
segment-5

LOCATION SEGMENT
segment-4

CHARGE LINE CUSTOM FIELDS

CHARGE HEADER CUST FIELDS

□ FORCE SAVE?

COA ID TO VENDOR ID
9==27049;24==2==6150;8==40664;24==16541

ACCOUNT PAYABLE NUMBER
24==1984==6==2;9==195==3==5;8==19624;24==3638;9==195

□ INTEGRATE INVOICE FOR THE VC

DEFAULT CURRENCY

POSTING PERIOD CUTOFF DAY
20

HOLDING ACCOUNT MAPPING

HOLDING DEPARTMENT MAPPING

HOLDING LOCATION MAPPING

HOLDING CLASS MAPPING

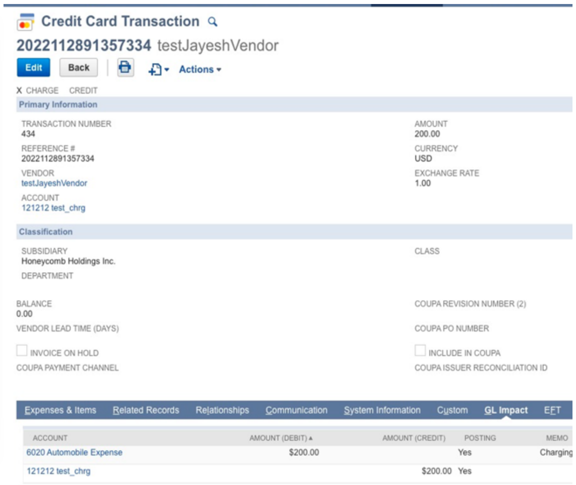
□ USE EXTERNAL ID

COA ID TO HOLDING DEPARTMENT MAPPING
9==5

COA ID TO HOLDING LOCATION MAPPING
9==3497

COA ID TO HOLDING CLASS MAPPING
9==4

CUSTOM ARGUMENTS



Credit Card Transaction

2022112891357334 testJayeshVendor

X CHARGE CREDIT

Primary Information

TRANSACTION NUMBER
434

REFERENCE #
2022112891357334

VENDOR
testJayeshVendor

ACCOUNT
121212 test_chrg

AMOUNT
200.00

CURRENCY
USD

EXCHANGE RATE
1.00

Classification

SUBSIDIARY
Honeycomb Holdings Inc.

DEPARTMENT

CLASS

BALANCE
0.00

VENDOR LEAD TIME (DAYS)

□ INVOICE ON HOLD

COUPA PAYMENT CHANNEL

COUPA REVISION NUMBER (2)

COUPA PO NUMBER

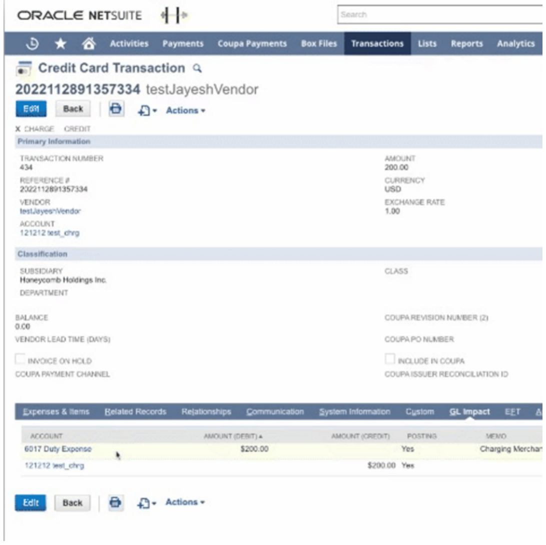
□ INCLUDE IN COUPA

COUPA ISSUER RECONCILIATION ID

ACCOUNT	AMOUNT (DEBIT) ▲	AMOUNT (CREDIT)	POSTING	MEMO
6020 Automobile Expense	$200.00		Yes	Charging
121212 test_chrg		$200.00	Yes	

3. Once Expense Report is approved for this PreApproved spend, the ER2ER integration will run and update the Credit Card transaction in Netsuite with the final Account (in this example6017)

4. Netsuite Credit Card transaction will have the reference to the Coupa Expense Report and User. In Coupa there will be a link to the Netsuite Credit Card transaction for auditability.



Credit Card Transaction

2022112891357334 testJayeshVendor

X CHARGE CREDIT

Primary Information

TRANSACTION NUMBER: 434
REFERENCE #: 2022112891357334
VENDOR: testJayeshVendor
ACCOUNT: 121212 test_chrg
AMOUNT: 200.00
CURRENCY: USD
EXCHANGE RATE: 1.00

Classification

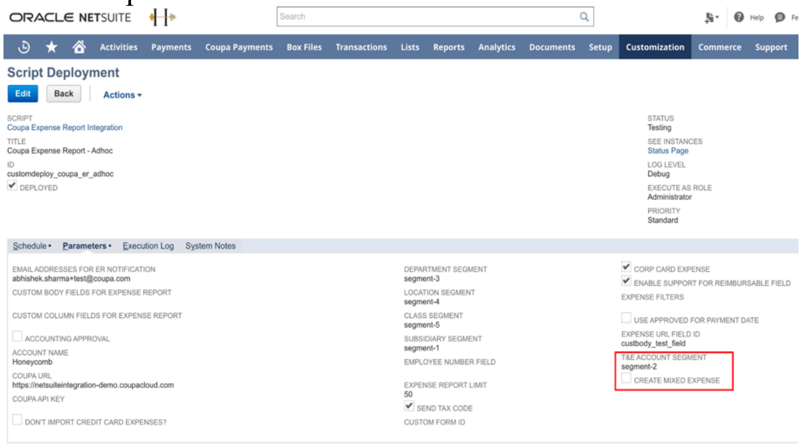
SUBSIDIARY: Honeycomb Holdings Inc.
DEPARTMENT
CLASS
BALANCE: 0.00
VENDOR LEAD TIME (DAYS)
□ INVOICE ON HOLD
COUPA PAYMENT CHANNEL
COUPA REVISION NUMBER (2)
COUPA PO NUMBER
□ INCLUDE IN COUPA
COUPA ISSUER RECONCILIATION ID

ACCOUNT	AMOUNT (DEBIT) ▲	AMOUNT (CREDIT)	POSTING	MEMO
6017 Duty Expense	$200.00		Yes	Charging Merchan
121212 test_chrg		$200.00	Yes	

NS Bundle Integration Options:

1. Expense Reports only contain PreApproval Expense Lines.
   a. NS Bundle will not create a Netsuite Expense Reports for these Coupa PreApproval Expense reports.
   b. Credit Card transaction will get updated with final debit account from approved Expense report
   c. If Expense Report has mixed lines, NS bundle will throw an error.

2. Expense Report contains mixed lines (PreApproval, Corp card lines, Expense lines)
   a. NS Bundle will not a Netsuite Expense Reports for all Expense Report Lines except the Coupa PreApproval Expense Line(s).
   b. Create Mixed Expense Line checkbox must be marked on ER2ER script deployment



Script Deployment

SCRIPT: Coupa Expense Report Integration
TITLE: Coupa Expense Report - Adhoc
ID: customdeploy_coupa_er_adhoc
☑ DEPLOYED
STATUS: Testing
SEE INSTANCES: Status Page
LOG LEVEL: Debug
EXECUTE AS ROLE: Administrator
PRIORITY: Standard

EMAIL ADDRESSES FOR ER NOTIFICATION: abhishek.sharma+test@coupa.com
CUSTOM BODY FIELDS FOR EXPENSE REPORT
CUSTOM COLUMN FIELDS FOR EXPENSE REPORT
□ ACCOUNTING APPROVAL
ACCOUNT NAME: Honeycomb
COUPA URL: https://netsuiteintegration-demo.coupacloud.com
COUPA API KEY
□ DON'T IMPORT CREDIT CARD EXPENSES?

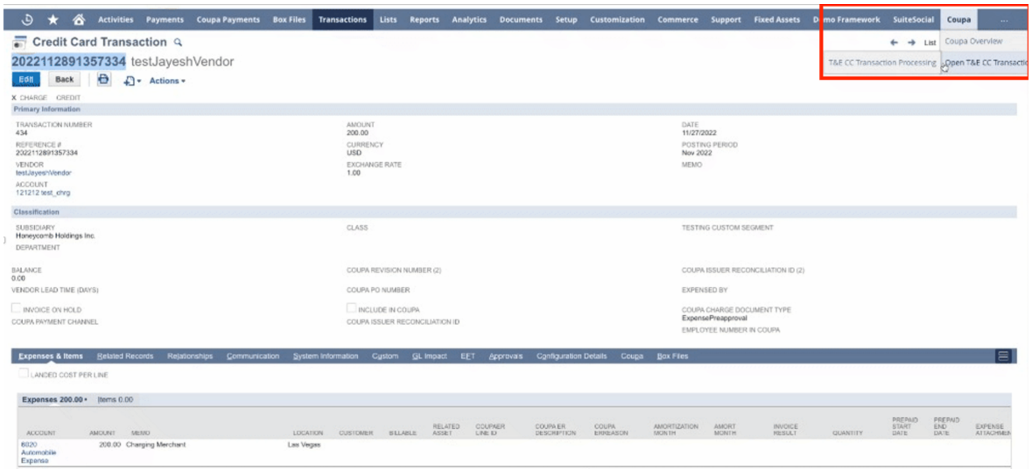
DEPARTMENT SEGMENT: segment-3
LOCATION SEGMENT: segment-4
CLASS SEGMENT: segment-5
SUBSIDIARY SEGMENT: segment-1
EMPLOYEE NUMBER FIELD
EXPENSE REPORT LIMIT: 50
☑ SEND TAX CODE
CUSTOM FORM ID

☑ CORP CARD EXPENSE
☑ ENABLE SUPPORT FOR REIMBURSABLE FIELD
EXPENSE FILTERS
□ USE APPROVED FOR PAYMENT DATE
EXPENSE URL FIELD ID: custbody_test_field
T&E ACCOUNT SEGMENT: segment-2
□ CREATE MIXED EXPENSE

Open T&E CC Transaction

As Expense Reports are submitted and approved usually late or even in next financial period, Credit Card transaction must be in an open period, so NS Bundle can update final debit account when Expense Report is approved.
To help simplify/automate moving these outstanding Credit Card transaction to the next period, we created a suitelet.

1. Navigate to Coupa Menu >> Open T&E CC Transaction >> T&E CC transaction Processing
2.



Credit Card Transaction

2022112891357334 testJayeshVendor

X CHARGE CREDIT

Primary Information

TRANSACTION NUMBER 434
REFERENCE # 2022112891357334
VENDOR testJayeshVendor
ACCOUNT 121212 test_chrg
AMOUNT 200.00
CURRENCY USD
EXCHANGE RATE 1.00
DATE 11/27/2022
POSTING PERIOD Nov 2022
MEMO

Classification

SUBSIDIARY Honeycomb Holdings Inc.
DEPARTMENT
CLASS
TESTING CUSTOM SEGMENT

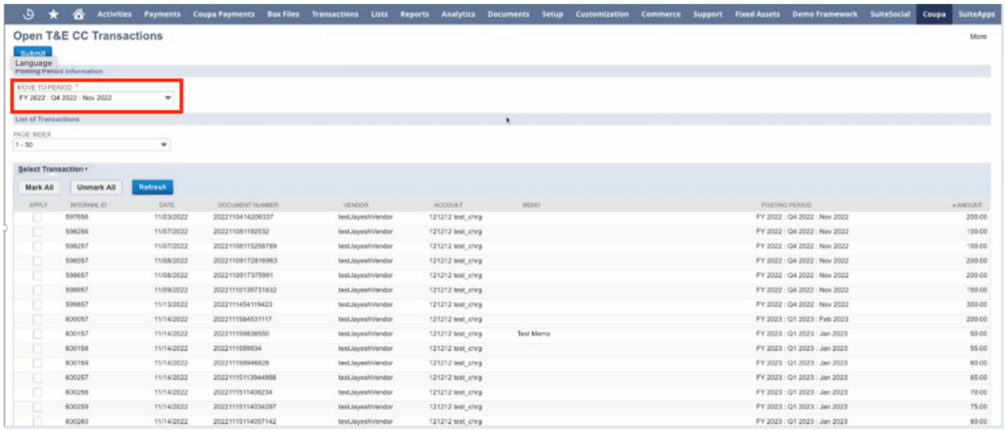
BALANCE 0.00
VENDOR LEAD TIME (DAYS)
□ INVOICE ON HOLD
COUPA PAYMENT CHANNEL
COUPA REVISION NUMBER (2)
COUPA PO NUMBER
□ INCLUDE IN COUPA
COUPA ISSUER RECONCILIATION ID
COUPA ISSUER RECONCILIATION ID (2)
EXPENSED BY
COUPA CHARGE DOCUMENT TYPE ExpensePreapproval
EMPLOYEE NUMBER IN COUPA

□ LANDED COST PER LINE

Expenses 200.00 • Items 0.00

ACCOUNT	AMOUNT	MEMO	LOCATION	CUSTOMER	BILLABLE	RELATED ASSET	COUPAER LINE ID	COUPA ER DESCRIPTION	COUPA ERREASON	AMORTIZATION MONTH	AMORT MONTH	INVOICE RESULT	QUANTITY	PREPAID START DATE	PREPAID END DATE	EXPENSE ATTACHMEN
6020 Automobile Expense	200.00	Charging Merchant	Las Vegas													

3. The report will list all Credit Card transaction for Expense PreApproval which is still sitting on a Holding Account (Expense Report not yet been approved, and final account not yet set)



Open T&E CC Transactions

Posting Period Information

MOVE TO PERIOD * FY 2022 : Q4 2022 : Nov 2022

List of Transactions

PAGE INDEX 1 - 50

Select Transaction •

APPLY	INTERNAL ID	DATE	DOCUMENT NUMBER	VENDOR	ACCOUNT	MEMO	POSTING PERIOD	▲AMOUNT
□	597656	11/03/2022	2022110414206337	testJayeshVendor	121212 test_chrg		FY 2022 : Q4 2022 : Nov 2022	200.00
□	598256	11/07/2022	202211081192532	testJayeshVendor	121212 test_chrg		FY 2022 : Q4 2022 : Nov 2022	100.00
□	598257	11/07/2022	20221108115258789	testJayeshVendor	121212 test_chrg		FY 2022 : Q4 2022 : Nov 2022	100.00
□	598557	11/08/2022	20221109172816963	testJayeshVendor	121212 test_chrg		FY 2022 : Q4 2022 : Nov 2022	200.00
□	598657	11/08/2022	2022110917375991	testJayeshVendor	121212 test_chrg		FY 2022 : Q4 2022 : Nov 2022	200.00
□	598957	11/09/2022	20221110135731832	testJayeshVendor	121212 test_chrg		FY 2022 : Q4 2022 : Nov 2022	150.00
□	599857	11/13/2022	2022111454119423	testJayeshVendor	121212 test_chrg		FY 2022 : Q4 2022 : Nov 2022	300.00
□	600057	11/14/2022	2022111584531117	testJayeshVendor	121212 test_chrg		FY 2023 : Q1 2023 : Feb 2023	200.00
□	600157	11/14/2022	202211159838550	testJayeshVendor	121212 test_chrg	Test Memo	FY 2023 : Q1 2023 : Jan 2023	50.00
□	600158	11/14/2022	2022111599934	testJayeshVendor	121212 test_chrg		FY 2023 : Q1 2023 : Jan 2023	55.00
□	600159	11/14/2022	202211159946828	testJayeshVendor	121212 test_chrg		FY 2023 : Q1 2023 : Jan 2023	60.00
□	600257	11/14/2022	20221115113944998	testJayeshVendor	121212 test_chrg		FY 2023 : Q1 2023 : Jan 2023	65.00
□	600258	11/14/2022	2022111511408234	testJayeshVendor	121212 test_chrg		FY 2023 : Q1 2023 : Jan 2023	70.00
□	600259	11/14/2022	20221115114034297	testJayeshVendor	121212 test_chrg		FY 2023 : Q1 2023 : Jan 2023	75.00
□	600260	11/14/2022	20221115114057142	testJayeshVendor	121212 test_chrg		FY 2023 : Q1 2023 : Jan 2023	80.00

4. Select the period where you want to move the outstanding Credit Card transactions, then hit Submit

Note, this process can be automated fully as the background script can be set to run last day of the month and move all open Credit Card transactions for PreApproval to the next open period.