



Coupa NetSuite P2P Direct Integration Guide

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P2P Direct Bundle Dataflow and Integration points

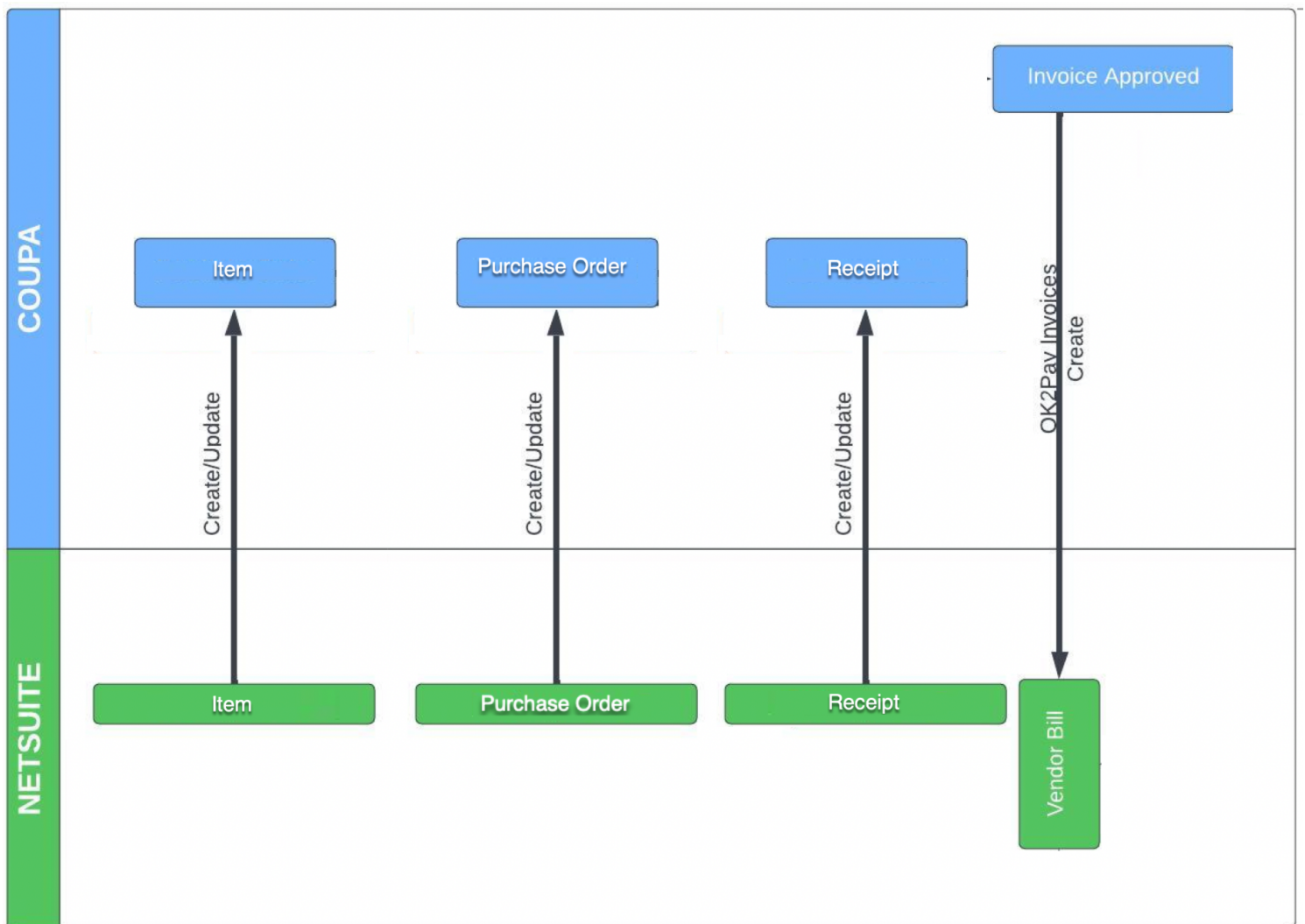
Overview Coupa Netsuite P2P Direct Bundle

The diagram below indicates the integration points between Netsuite and Coupa for the **P2P Direct bundle**.

With Coupa Netsuite P2P Direct Bundle, Customers can integrate **Items** and **Item based Purchase Orders, Receipts** from Netsuite to Coupa and **Item based Invoices** from Coupa to Netsuite.

The AP Bundle can co-exist and complement the existing Coupa Netsuite P2P bundle to support service/amount based Invoice and item based PO/Invoice processes at the same time. (note: configuration is required on the Coupa P2P Bundle Invoice script to work with the new Coupa AP bundle)

If you need Coupa Netsuite P2P Direct Bundle, please contact Coupa support so they can add your Netsuite customer ID so you can download.





Integration Method

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

Built on industry standard JavaScript that ensures portability and rapid developer productivity, SuiteScript enables full-featured application-level scripting capabilities throughout NetSuite. Suitescript provides a complete set of flexible scripting models to support customization needs, including user event-based scripts and scheduled scripts.

The Coupa Netsuite Integrations have been built to meet and comply with the documented practices for architecture, development, privacy and security of the Netsuite SuiteCloud platform and is certified and approved by the "[BUILT FOR NETSUITE](#)" program.

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



Coupa Invoice (Item) to Netsuite Vendor Bill (Item)

Overview

This integration syncs up Coupa Item based Invoices and Netsuite Vendor Bill via a scheduled SuiteScript. The Coupa item based 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. The script checks the Coupa Invoice first invoice line and integrates if its item based.

This script can coexist with the P2P bundle Invoice integration after certain configurations are completed.

Script Sequence Explained

This integration is on a scheduled map-reduce script that you can set to meet your frequency and volume as Coupa Invoices are approved.

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
- P2P bundle Invoice integration is configured to work with P2P Direct Invoice integration

Pre-Requisites

- Coupa P2P bundle installed
- Coupa p2p bundle configured to support P2P direct bundle
- Coupa OIDC Auth created
- Coupa Chart of Account SetupCoupa Suppliers with Netsuite Vendor ID

Review Parameter List Invoice (InvoiceSync-FromCoupa.js)

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 integration connects to	custscript_coupa_invo_mr_host_url	Hyperlink			
Coupa API key	The API key for Coupa's REST based API	custscript_coupa_invo_mr_api_key	FreeForm			
Error Email Sender*	The internal id of the email sender employee record	custscript_coupa_invo_mr_email_sender	List/Record			
Error Email Receiver*	Comma separated email ids of the error email recipients	custscript_coupa_invo_mr_email_receiver	FreeForm			
Accounts Payable Account Number	Netsuite AP account number to be set on Vendor bill/ Vendor credit transaction	custscript_coupa_invo_mr_act_payable_num	FreeForm		segment-2	
Account Segment	The accounting segment in Coupa that holds the Netsuite GL account information	custscript_coupa_invo_mr_acc_seg	FreeForm		segment-3	
Department segment*	The accounting segment in Coupa that holds the Netsuite department account information	custscript_coupa_invo_mr_dept_seg	FreeForm		segment-5	
Class segment*	Netsuite classification account information	custscript_coupa_invo_mr_class_seg	FreeForm		segment-4	
Location segment	Location segment mapping	custscript_coupa_invo_mr_loc_seg	FreeForm			
Subsidiary Segment	The accounting segment in Coupa that holds the Netsuite subsidiary account information	custscript_coupa_invo_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_invo_mr_from_inv_date	Date			

Export To Invoice Date	criteria to pull invoices from Coupa with Invoice date <= to this date	custscript_coupa_invo_mr_to_inv_date	Date			
Export From UpdatedAt 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 UpdatedAt Date	Add filter criteria to pull invoices from Coupa with 'Updated at' date <= to this date	custscript_coupa_invo_mr_from_upd_date	Date			
Invoice Line Custom Mappings	Line level custom field mapping	custscript_coupa_invo_mr_cust_line_field	Text		customfields.line-textfield==custcol1; 8==TEXT; customfields.prepaidenddate==custcol19==DATE;	
Invoice Header Custom Mappings	Header level custom field mapping	custscript_coupa_invo_mr_cust_body_field	TEXT		customfields.testmemo==custbody_coupa_memo==TEXT; customfields.testlookup==custbody_invoice_d_default==LOOKUP;	
Limit	Configuration to limit the invoices to be imported per invoice run	custscript_coupa_invo_mr_inv_limit	FreeForm		40	
Posting Period CutOff Day	Configuration for posting period. The posting period can be positive or negative	custscript_coupa_invo_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_invo_mr_account_name	FreeForm			
Invoice URL Field	URL to coupa invoice	custscript_coupa_invo_mr_inv_url_field	FreeForm			
Invoice Image URL Field	URL to coupa invoice's image	custscript_coupa_invo_mr_image_url_field	FreeForm			
Custom Arguments	Custom API arguments can be added to filter the api result	custscript_coupa_invo_mr_inv_api_filter	FreeForm			

Use External IDs For COA Segments?	Use external id for searching record in NS instead of internal id	custscript_coupa_invo_mr_use_ext_id	CheckBox			
Support Void?	If enabled marks the vendor bill in NS rejected when the Coupa invoice is voided	custscript_coupa_invo_mr_support_void	CheckBox			
Skip VCard on PO Bills?	Enables to skip Bill/Invoices to integrate to NS for Invoices where payment channel is "CoupaPay - Virtual Card on PO"	custscript_coupa_invo_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_invo_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 Invoice Summary Charges Distribution?	Distribution Use the invoice charge distribution logic provided by coupa platform	custscript_coupa_invo_mr_use_coupa_distr	CheckBox			
Skip Credit Note Syncing	Note Syncing Skip Credit Note transaction syncing from Coupa	custscript_coupa_invo_mr_skip_credit_not	CheckBox			
use Dynamic Discounting?	Allows for billing strings to be created dynamically.	custscript_coupa_invo_mr_use_dynamic_acc	CheckBox			
Shipping Charge Item		custscript_coupa_invo_mr_ship_charge_acc		Mapping Logic: NS_ACCOUNT_ID==NS_S UBSIDIARY_ID==NS_CUR RENCY_ID	138==3==1; 138==6==2	
Handling Charge Item		custscript_coupa_invo_mr_hand_charge_acc	Text Area	Mapping Logic: NS_ACCOUNT_ID==NS_S UBSIDIARY_ID==NS_CUR RENCY_ID	76==3==1;7 6==6==2	
Misc Charge Item		custscript_coupa_invo_mr_misc_charge_acc	Text Area	Mapping Logic: NS_ACCOUNT_ID==NS_S UBSIDIARY_ID==NS_CUR RENCY_ID	83==3==1;8 3==6==2	
Invoice Tax Item		custscript_coupa_invo_mr_inv_tax_acc	Text Area	Mapping Logic: NS_ACCOUNT_ID==NS_S UBSIDIARY_ID==NS_CUR RENCY_ID	92==3==1;9 2==6==2	

Netsuite Item to Coupa Item

Overview

This integration syncs up Item created and updated in Netsuite and sends it to Coupa.

Script Sequence Explained

This integration for Item creation is running using a map-reduce script and for changes user-event triggered script. You can set the schedule to meet your frequency and volume requirements

Activities

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

Tips to help you succeed

- Understand volume and frequency of the schedule needed ahead of time to meet your business process

Pre-Requisites

- Coupa P2P Direct Bundle deployed and configured
- Coupa OIDC Auth created

1

Review Parameter List

2

Find and Define Deployment Parameter Values



Review Parameter List – Item Create (ItemSync2Coupa.js)

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_it_mr_host_url	Free-Form Text		https://abc.coupa.com	
Error Email Receiver	Email addresses to which exception emails to be sent	custscript_coupa_it_mr_email_receiver	Free-Form Text		abc@abc.com , abcd@abcd.com	
Error Sender	Error email sender	custscript_coupa_it_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_it_mr_account_name	Free-Form Text	<Company Name> <Test/Prod>	Coupa Test	
Include in Coupa?	Include item in Coupa?	custscript_coupa_it_mr_integration_flag	Check Box			
Custom header Fields	Header level custom field mapping	custscript_coupa_it_mr_custom_body_field	Free-Form Text			
Coupa Item ID Blank		custscript_coupa_it_mr_item_id_field	Free-Form Text			



Review Parameter List – Item change (Coupa-ItemUpdateEventTrigger.js)

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_it_ue_host_url	Free-Form Text		https://abc.coupa host.com	
Error Email Receiver	Error recipient	custscript_coupa_it_ue_error_email_to	Free-Form Text			
Error Email Sender	Error email sender	custscript_coupa_it_ue_error_email_from	List/Record			
Account Name	Included in Error email Subject	custscript_coupa_it_ue_account_name	Free-Form Text			



Netsuite Purchase Order to Coupa Purchase Order

Overview

This integration syncs up Purchase Order created and updated in Netsuite and sends it to Coupa.

Script Sequence Explained

This integration for Item creation is running using a map-reduce script and for changes user-event triggered script. You can set the schedule to meet your frequency and volume requirements

Activities

You will need to do the following to ensure a successful deployment

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

Tips to help you succeed

- Understand volume and frequency of the schedule needed ahead of time to meet your business process

Pre-Requisites

- Coupa P2P Direct Bundle deployed and configured
- Coupa OIDC Auth created
- Items created in Coupa
- Setup >> Company Information page setting “**Allow ad hoc address for PO change, create and revise API**” has to be turned on as well for PO integration to work without issues related to ship to addresses.

Review Parameter List – Purchase Order Create (POSync2Coupa.js)

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_po_mr_host_url	Free-Form Text		https://abc.coupa host.com	
Error Email Receiver	Email addresses to which exception emails to be sent	custscript_coupa_po_mr_email_receiver	Free-Form Text		abc@abc.com , abcd@abcd.com	
Error Sender	Error email sender	custscript_coupa_po_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_po_mr_account_name	Free-Form Text	<Company Name> <Test/Prod>	Coupa Test	
Subsidiary Segment	Subsidiary mapping	custscript_coupa_po_mr_sub_seg	Free-Form Text			
Account Segment	Account Mapping	custscript_coupa_po_mr_acc_seg	Free-Form Text			
Department Segment	Dept mapping	custscript_coupa_po_mr_depart_seg	Free-Form Text			
Location Segment	Location mapping	custscript_coupa_po_mr_loca_seg	Free-Form Text			
Class Segment	Class mapping	custscript_coupa_po_mr_class_seg	Free-Form Text			
PO Include in Coupa?	Include item in Coupa?	custscript_coupa_po_mr_integration_flag	Check Box			
Custom header Fields	Header level custom field mapping	custscript_coupa_po_mr_custom_body_field	Long Text			
Custom Line Level Fields	Line level custom field mapping	custscript_coupa_po_mr_custom_line_field	Long Text			
Custom Arguments	Customer API argument	custscript_coupa_po_mr_api_fldr	Free-Form Text			

Review Parameter List – Purchase Order change (Coupa-POUpdateEventTrigger.js)

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_po_ue_host_url	Free-Form Text		https://abc.coupa-host.com	
Include in Coupa Field ID		custscript_coupa_po_ue_integration_flag				
Error Email Receiver	Error recipient	custscript_coupa_it_po_error_email_to	Free-Form Text			
Error Email Sender	Error email sender	custscript_coupa_it_po_error_email_from	List/Record			
Account Name	Included in Error email Subject	custscript_coupa_po_ue_account_name	Free-Form Text			

Netsuite Receipt to Coupa Receipt

Overview

This integration syncs up Receipt created and updated in Netsuite and sends it to Coupa.

Script Sequence Explained

This integration for Item creation is running using a map-reduce script and for changes user-event triggered script. You can set the schedule to meet your frequency and volume requirements

Activities

You will need to do the following to ensure a successful deployment

Tips to help you succeed

- Understand volume and frequency of the schedule needed ahead of time to meet your business process

Pre-Requisites

- Coupa P2P Direct Bundle deployed and configured
- Coupa OIDC Auth created
- Items created in Coupa

1 Review Parameter List

2 Find and Define Deployment Parameter Values

Review Parameter List – Receipt Create (ReceiptSync-ToCoupa.js)

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_rec_mr_host_url	Free-Form Text		https://abc.coupa host.com	
Error Email Receiver	Email addresses to which exception emails to be sent	custscript_coupa_rec_mr_email_receiver	Free-Form Text		abc@abc.com , abcd@abcd.com	
Error Sender	Error email sender	custscript_coupa_rec_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_rec_mr_account_name	Free-Form Text	<Company Name> <Test/Prod>	Coupa Test	
Receipt Include in Coupa?	Include item in Coupa?	custscript_coupa_rec_mr_integration_flag	Check Box			
Custom Field mapping	custom field mapping	custscript_coupa_rec_mr_custom_body_fiel	Long Text			
PO Filter	Customer PO argument	custscript_coupa_ir_po_filter	Free-Form Text			

Review Parameter List – Receipt change (Coupa-ReceiptUpdateEventTrigger.js)

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_rect_ue_host_url	Free-Form Text		https://abc.coupa host.com	
Include in Coupa Field ID		custscript_coupa_rect_ue_integration_flag				
Error Email Receiver	Error recipient	custscript_coupa_rect_ue_error_email_to	Free-Form Text			
Error Email Sender	Error email sender	custscript_coupa_rect_ue_error_email_from	List/Record			
Account Name	Included in Error email Subject	custscript_coupa_rect_ue_account_name	Free-Form Text			

