

SAP CLOUD PLATFORM | EXTERNAL

# Configuration Guide

SAP ERP Integration with SAP Cloud Platform  
Workflow Management – Vendor Master

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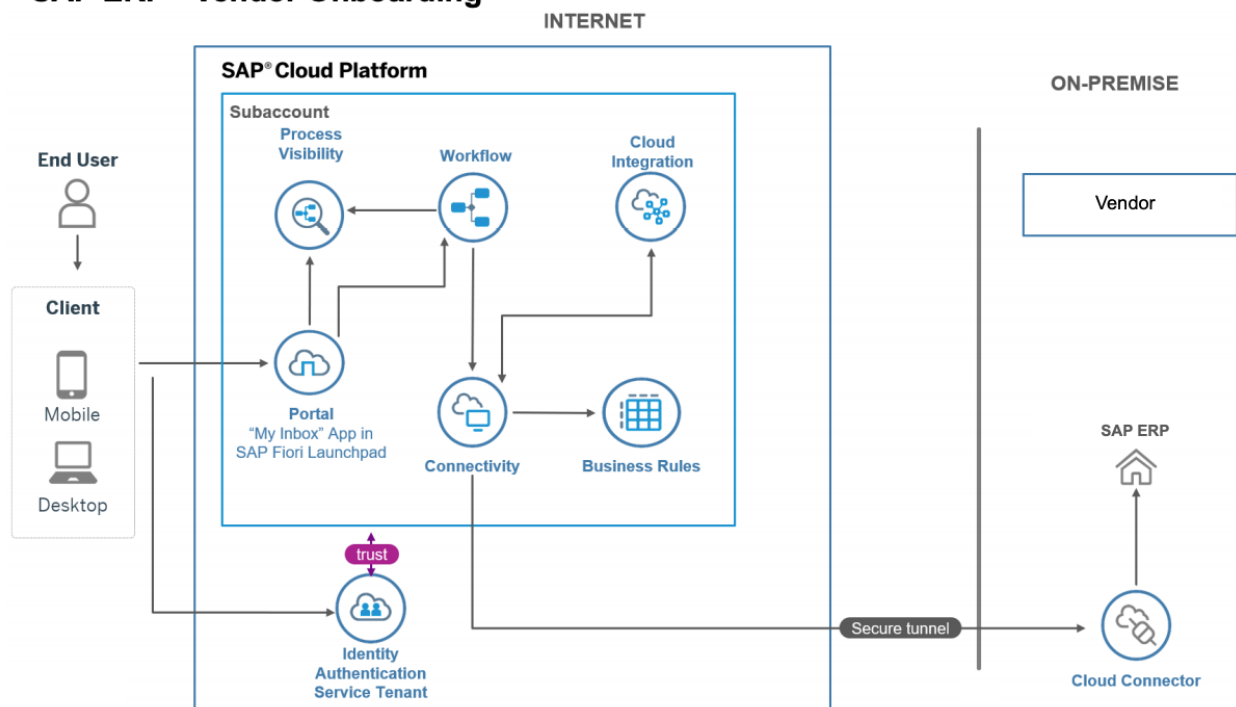
# Overview

This document provides information about configuration steps to setup the integration content to consume the live process package **Vendor Onboarding**. The primary audience of this document is integration administrators and developers.

Vendor Onboarding live process content package enables to automate vendor creation process in a flexible and transparent way. It provides flexibility in executing a specific variant of the process depending on attributes like account group, vendor type, department, etc. When a user submits a request to register a new vendor, a pre-configured process variant is triggered in SAP Cloud Platform Workflow Management based on configurable business conditions. On approval from all parties involved, the vendor is created in SAP ERP. Salient features of this content package are:

- Plug and Play with SAP ERP without any additional development.
- Process steps are delivered to create a vendor (accounting, purchasing, centrally available & general purpose).
- New variant of the vendor onboarding process can be configured in a low-code/no-code approach.
- Configure multi-step approval in a low-code/no-code approach.
- Business Rules provides flexibility in determining process variants and approvers.
- Add custom validation on vendor attributes using Business Rules.
- Out-of-the-box visibility over key process performance indicators.
- Integration content to call SAP ERP RFCs & IDoc from SAP Cloud Platform Workflow Management.

## SAP ERP - Vendor Onboarding



# Required SAP Cloud Platform Services

The live process package **Vendor Onboarding** is intended to be used for SAP ERP 6.0 and requires the following services in SAP Cloud Platform:

- SAP Cloud Platform Workflow management.
- SAP Cloud Platform Integration (in SAP Cloud Platform in Neo environment).
- SAP Cloud Platform Portal.
- SAP Cloud Platform Identity Authentication Service (optional).
- SAP Web IDE or SAP Business Application Studio.

# Setup and Configuration

This section will explain how to setup the integration content that is required for the live process content package Vendor Onboarding.

## Configure SAP ERP Destination

An RFC destination is required in the account where SAP Cloud Platform Integration (Neo environment) is subscribed. Configure destination, Type as RFC, Proxy Type as OnPremise. Please refer how to [create a RFC destination](#). Add Additional Properties jco.client.ashost, jco.client.client, jco.client.sysnr

The destination name need not be 'ECC' as in the screenshot below. If a different name is used, then the same needs to be configured in the SAP Cloud Platform Integration flows.

The screenshot shows a configuration form for an RFC destination. The fields are as follows:

- Name: \* ECC
- Type: RFC
- Description: (empty)
- Proxy Type: OnPremise
- User: (masked)
- Password: (masked)
- Alias User: (empty)
- Repository User: (masked)
- Repository Password: (masked)
- Location ID: (empty)

Below the main form is a section titled "Additional Properties" with a blue 'N' icon. It contains three rows, each with a key, a value field, and a delete icon:

Key	Value	Action
jco.client.ash...	(masked)	🗑️
jco.client.client	(masked)	🗑️
jco.client.sysnr	(masked)	🗑️

## Configure SAP Cloud Connector

[Configure SAP Cloud Connector](#) to enable secure tunnel for the RFC & IDoc calls. Add mapping with RFC protocol and make the following RFC accessible:

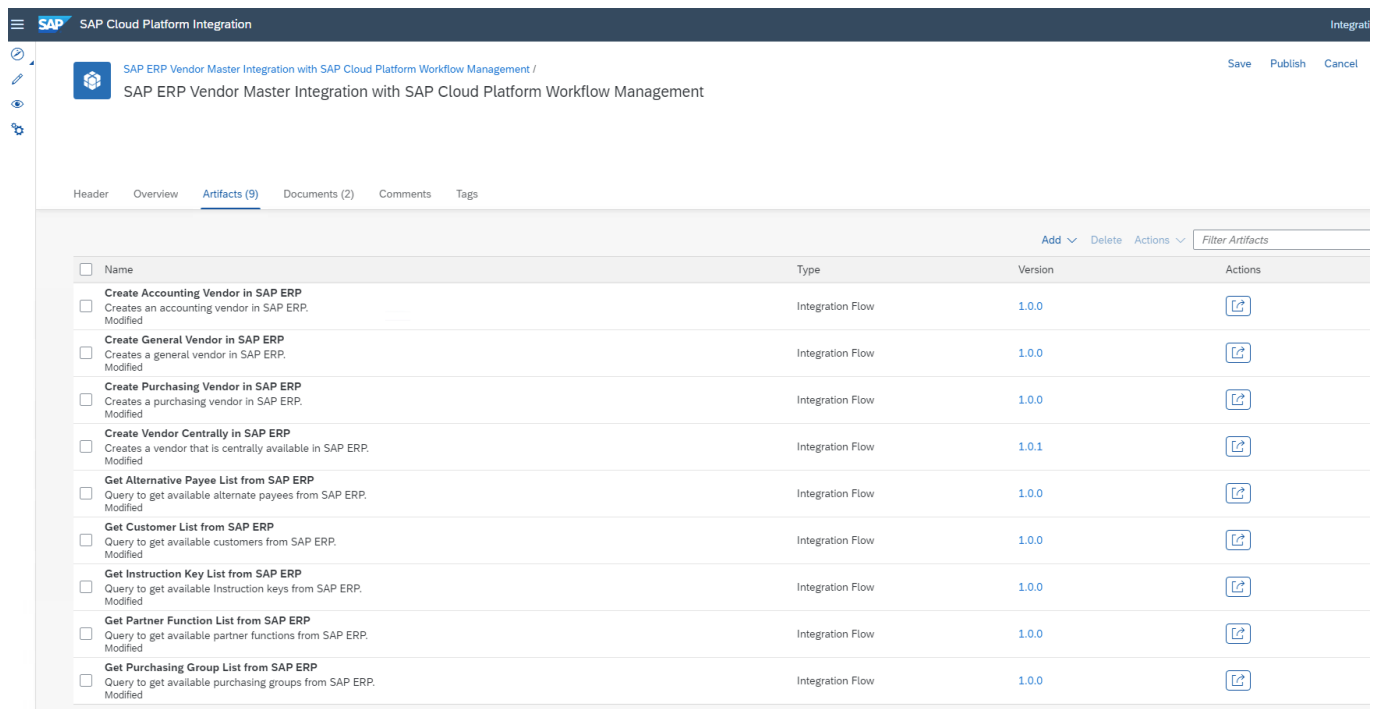
1. RFC\_READ\_TABLE- This RFC is used to fetch lookup data from specific tables and fields in SAP ERP. The specific tables and fields have been fixed in the integration flows so that only required data can be exposed.
2. RFCPING – This RFC is used to check the connectivity to SAP ERP.

Add another mapping with HTTPS protocol and enable the IDoc service - /sap/bc/srt/idoc. Also make sure the IDoc service is enabled in the SAP ERP.

(To persist the vendor in SAP ERP, the CREMAS IDoc is used)

# Import, configure and deploy Integration content

This Live Process content package require SAP Cloud Platform Integration in Neo Platform to create a vendor in SAP ERP. The integration content package SAP ERP Integration with SAP Cloud Platform Workflow Management - Vendor Master is available in SAP API Business hub to integrate SAP Cloud Platform Workflow Management with SAP ERP. The following Integration models are available in this package. Integration models use RFC or IDOC Adapters to integrate with SAP ERP.



The screenshot shows the SAP Cloud Platform Integration interface. The main content area displays a list of integration artifacts under the heading "SAP ERP Vendor Master Integration with SAP Cloud Platform Workflow Management". The list includes the following items:

Name	Type	Version	Actions
<input type="checkbox"/> Create Accounting Vendor in SAP ERP Creates an accounting vendor in SAP ERP. Modified	Integration Flow	1.0.0	
<input type="checkbox"/> Create General Vendor in SAP ERP Creates a general vendor in SAP ERP. Modified	Integration Flow	1.0.0	
<input type="checkbox"/> Create Purchasing Vendor in SAP ERP Creates a purchasing vendor in SAP ERP. Modified	Integration Flow	1.0.0	
<input type="checkbox"/> Create Vendor Centrally in SAP ERP Creates a vendor that is centrally available in SAP ERP. Modified	Integration Flow	1.0.1	
<input type="checkbox"/> Get Alternative Payee List from SAP ERP Query to get available alternate payees from SAP ERP. Modified	Integration Flow	1.0.0	
<input type="checkbox"/> Get Customer List from SAP ERP Query to get available customers from SAP ERP. Modified	Integration Flow	1.0.0	
<input type="checkbox"/> Get Instruction Key List from SAP ERP Query to get available Instruction keys from SAP ERP. Modified	Integration Flow	1.0.0	
<input type="checkbox"/> Get Partner Function List from SAP ERP Query to get available partner functions from SAP ERP. Modified	Integration Flow	1.0.0	
<input type="checkbox"/> Get Purchasing Group List from SAP ERP Query to get available purchasing groups from SAP ERP. Modified	Integration Flow	1.0.0	

Import the content package to your SAP Cloud Platform Integration tenant. To be able to import and deploy integration flows, you need the AuthGroup.IntegrationDeveloper role assigned in your tenant.

## Import pre-packaged Integration content in SAP Cloud Platform Integration

- Access your SAP Cloud Platform Integration tenant management node (<https://<cpitenant>.hana.ondemand.com/itspaces>). Please refer [help documentation](#) on how to get tenant management node address.
- View all pre-packaged integration flow under Discover->Integration. (<https://<cpitenant>.hana.ondemand.com/itspaces/shell/discover>)
- Search content package "SAP ERP Integration with SAP Cloud Platform Workflow Management - Vendor Master".
- Click on the package SAP ERP Integration with SAP Cloud Platform Workflow Management - Vendor Master.

- Click Copy to import the Integration content package to your workspace.
- Navigate to the *Design* view (<https://<cpitenant>.hana.ondemand.com/itspaces/shell/design>) to open the imported content package.
- Deploy a user credential to connect with SAP ERP in CPI tenant under *Manage Security* material tab. This credential will be used in the IDoc adapter configuration.

Security Material (2)			
Name	Type	Status	Deployed By
ERP	Credentials	Deployed	

## IDoc Adapter Configuration

- Open the following vendor type integration models one after the other:
  - Create Accounting Vendor in SAP ERP
  - Create General Vendor in SAP ERP
  - Create Purchasing Vendor in SAP ERP
  - Create Vendor Centrally in SAP ERP
- Click Configure button and set configured values for IDoc adapter and for IDoc control record parameters as mentioned in screenshot.

Receiver More

**Connection**

Receiver: SAP\_ERP

Adapter Type: IDOC

Address: http://[redacted]/sap/bc/srt/idoc?sap-client=[redacted]

Credential Name: ERP

Go to the More tab and configure IDoc control record parameters:

The screenshot shows a configuration window with two tabs: 'Receiver' and 'More'. The 'More' tab is active. The configuration includes the following parameters:

Type:	All Parameters
RCVPOR:	00000000
RCVPRN:	0000000000
RCVPRT:	LO
SNDPOR:	00000000
SNDPRN:	00000000
SNDPRT:	LO

### RFC Adapter Configuration

- Open the following integration flows:
  - Get Alternative payee List from SAP ERP
  - Get Customer List from SAP ERP
  - Get Instruction key List from SAP ERP
  - Get Partner Function List from SAP ERP
  - Get purchasing Group List from SAP ERP
- Set configured values for RFC destination created in the section **Configure SAP ERP Destination** of this document. Use the destination name created in the earlier section.

The screenshot shows a configuration window titled "Configure 'Get Purchasing Group List from SAP ERP'". It has a 'Receiver' tab selected. The configuration includes the following parameters:

Receiver:	SAP_ERP
Adapter Type:	RFC
Destination:	ECC

- Deploy all the integration models.

These Integration models are used from the live process content package SAP ERP – Vendor Onboarding.