

SAP BUSINESS TECHNOLOGY PLATFORM | EXTERNAL

Configuration Guide

SAP ERP Integration with SAP Build Process
Automation

Table of Contents

Table of Contents.....	2
Overview.....	3
Required SAP Business Technology Platform Services.....	5
Setup and Configuration.....	6
Configure SAP ERP Destination.....	6
Configure Cloud Connector	6
Import, Configure and deploy Integration Content.....	7
Import Prepackaged Integration content using SAP Integration Suite.....	7

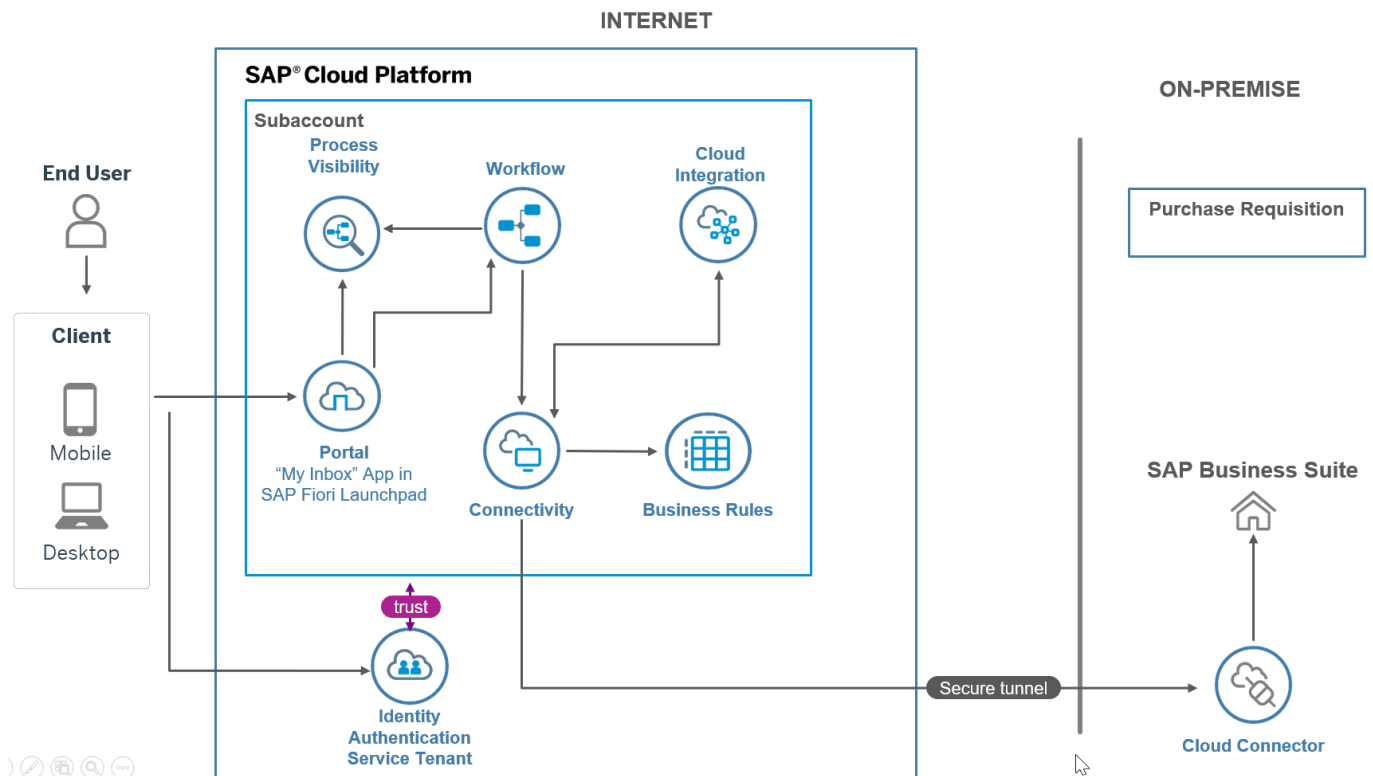
Overview

This document provides information about configuration steps to consume the Live Process Package [Purchase Requisition Approval and Release](#) available in **SAP API Business Hub**. The main audience of this document are technical IT Administrators and Developers.

This content package enables SAP ERP customers to automate Purchase Request approval and release process using SAP Build Process Automation or SAP Workflow Management without additional development in SAP ERP. Salient features of this content package are

- Plug and Play with SAP ERP without additional development.
- Process steps are delivered to create net new variants.
- New Process variants can be configured in a low-code no-code approach.
- Agent determination using Business Rules or SAP ERP or external systems.
- Validation of Line-item attributes using Business Rules.
- Process visibility and key process performance indicators out-of-the-box.
- Business Rules to provide flexibility in determining workflow templates and approvers
- Integration content to call SAP ERP BAPIs from SAP Build Process Automation or SAP Workflow Management.

SAP ERP – Purchase Requisition Approval & Release



Purchase Requisition Approval and Release Process enable customers to automate approval and release of Line Items in a flexible and transparent way. It provides flexibility in choosing process variants depending on attributes like Request date, Price, Material Group, Document Type, Plant, Purchasing Group and Purchasing Organization etc. When a requestor creates a Purchase Request

with line items in SAP ERP, pre-configured Process Variants are triggered in SAP Build Process Automation or SAP Workflow Management.

- Line-Item data validated using Business Rules before approval.
- Approvers are determined using a Business Rule / external system.
- Approvers are notified via email.
- Approvers have two decision options (Approve, Reject), and based on the decision, the next approval step will be created or requested for a rework or delete the line item and terminate the approval process.
- Line Item released in SAP ERP for Purchase Order creation.

Required SAP Business Technology Platform Services

The following SAP services are required to consume the content package **Purchase Requisition Approval and Release** for SAP ERP:

- SAP Build Process Automation or SAP Workflow Management.
- Cloud Integration capability of SAP Integration Suite.
- SAP Cloud Portal Service / Launchpad Service.

Setup and Configuration

Purchase Requisition Approval and Release content package requires SAP Build Process Automation or SAP Workflow Management subscription or a CPEA contract. Follow the setup and configuration section of SAP Build Process Automation or SAP Workflow Management.

<https://help.sap.com/viewer/6f55baaf330443bd8132d071581bbae6/Cloud/en-US/d7910e2bf7f64afc9d0eb21b0cc9e84d.html>

Configure SAP ERP Destination

An RFC destination is required in the Integration account.

Configure destination, Type as RFC, Proxy Type as On-premise. Please refer how to [create a RFC destination](#) .

Add Additioanl Properties jco.client.ashost, jco.client.client, jco.client.sysnr

Destination Configuration

Name: *	<input type="text"/>
Type:	<input type="text" value="RFC"/>
Description:	<input type="text"/>
Proxy Type:	<input type="text" value="OnPremise"/>
User:	<input type="text"/>
Password:	<input type="password" value="*****"/>
Alias User:	<input type="text"/>
Repository User:	<input type="text"/>
Repository Password:	<input type="password" value="*****"/>
Location ID:	<input type="text"/>

Additional Properties

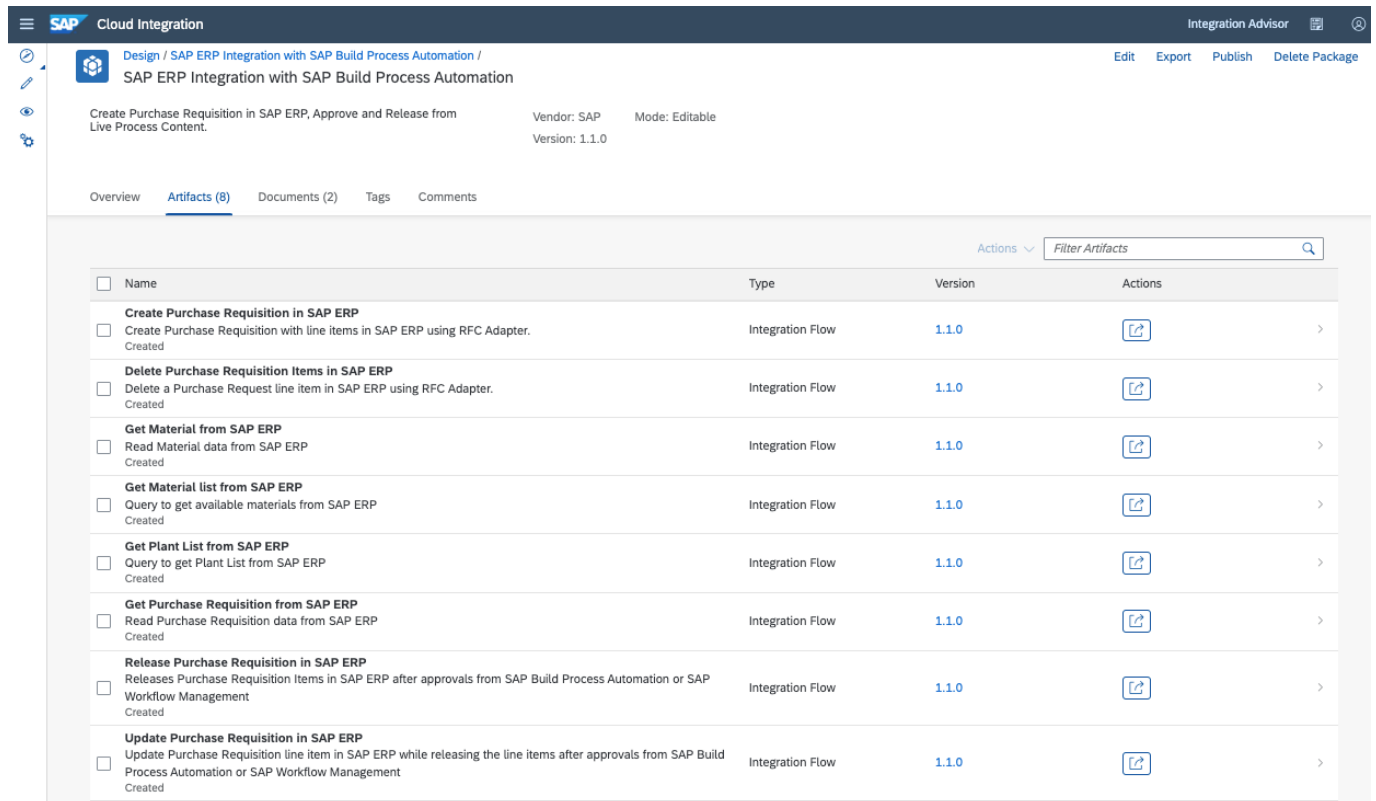
<input type="text" value="jco.client.ash..."/>	<input type="text"/>	<input type="button" value="🗑"/>
<input type="text" value="jco.client.client"/>	<input type="text"/>	<input type="button" value="🗑"/>
<input type="text" value="jco.client.sysnr"/>	<input type="text"/>	<input type="button" value="🗑"/>

Configure Cloud Connector

Configure your SAP Cloud Integration account and ECC system in Cloud Connector to enable secure tunnel for RFC calls. Please refer the help documentation to [configure Cloud Connector](#).

Import, Configure and deploy Integration Content

This Live Process content package require SAP Integration Service to create, modify and release purchase requisition line items. An integration content package **SAP ERP Integration with SAP Build Process Automation** is available in [SAP API Business hub](#) to integrate SAP Build Process Automation or SAP Workflow Management with SAP ERP. The following Integration models are available in this package. All integration models are using RFC Adapter to call the required APIs in SAP ERP.



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

[Import the Content package](#) to your SAP Integration Suite tenant. To be able to import and deploy integration flows, you need the AuthGroup.IntegrationDeveloper role assigned in your tenant.

Import Prepackaged Integration content using SAP Integration Suite.

Import Integration Content

- Access your SAP Integration Tenant management node. Please refer [help documentation](#) on how to get Tenant management node address.
- Please refer help documentation on how to [import content packages](#).
- View all pre-packaged integration flow under Discover->Integration
- Search content package “SAP ERP Integration with SAP Build Process Automation”
- Click on the package “SAP ERP Integration with SAP Build Process Automation”.

- Click Copy to import the Integration content package to your workspace.
- Navigate to Design to open the imported content package.

Open all Integration models, select Externalized Parameters, set configured value as RFC Destination created in the section [Configure SAP ECC Destination](#)

Configure "Create Purchase Requisition in SAP ERP"

The screenshot shows a configuration window titled "Configure 'Create Purchase Requisition in SAP ERP'". At the top left, there is a tab labeled "Receiver". Below the tab, there are three configuration fields: "Receiver:" with a dropdown menu showing "SAP_ERP", "Adapter Type:" with a dropdown menu showing "RFC", and "Connection" with a sub-label "Destination:" and an empty text input field. At the bottom right of the window, there are three buttons: "Save", "Deploy", and "Close".

- Deploy the integration model

These Integration models are used from the Live Process content package **Purchase Requisition Approval and Release** and **Purchase Requisition Header Approval and Release**.