

SAP BUSINESS TECHNOLOGY PLATFORM | EXTERNAL

Integration Guide

SAP Build Process Automation Integration with SAP S/4HANA For Treasury Payment Request Creation Approval

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Overview

This document provides information about configuration steps to setup the integration content to consume the live process content packages **Treasury Payment Request Creation Approval**. The primary audience of this document is integration administrators and developers.

Required SAP Business Technology Platform Services

The SAP Build Process Automation content package Treasury Payment Request Creation Approval is intended to be used for SAP S/4HANA (on-premise) and requires the following services in SAP Business Technology Platform:

- SAP Build Process Automation
- SAP Integration Suite
- SAP Connectivity service
- SAP Business Application Studio
- SAP Application Runtime Service
- SAP Work Zone, standard or advanced
- SAP Cloud Identity Services - Identity Authentication (optional)

Setup and Configuration

This section will explain how to setup the integration content that is required for the workflow content package **Treasury Payment Request Creation Approval**.

Configure RFC Destination

Configure a RFC destination to connect with SAP S/4HANA on-premise. Below is a destination configuration for SAP S/4HANA on-premise.

Note: This destination is required by Integration Suite(Suite).

Name	<RFC_DESTINATION_NAME>
Type	RFC
Proxy Type	OnPremise
User	<ONPREMISE_USER>
Password	<ONPREMISE_PASSWORD>
Repository User	<ONPREMISE_USER>
Repository Password	<ONPREMISE_PASSWORD>
Additional Properties	jco.client.ashost: <host>
Additional Properties	jco.client.client:<client number>
Additional Properties	jco.client.lang: <language>

Additional Properties	jco.client.sysnr:<system number >
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Configure Cloud Connector

For SAP S/4HANA on-premise landscape, configure cloud connector to enable secure tunnel to SAP Business Technology Platform tenant. Please refer the help documentation to [configure Cloud Connector](#).

Services/Resources that need to be exposed from SAP S/4HANA on-premise using Cloud Connector

Resources	Protocol	Backend-Type
ZWF_FM_FTR_POSTING	RFC	ABAP System
ZWF_FM_HR_MASTER_GET_APPROVER	RFC	ABAP System

Configure and deploy Integration Suite content

This workflow content requires the Integration Suite to process the – Treasury Payment Request in SAP S/4HANA. The integration content package SAP Build Process Automation Integration with SAP S/4HANA For Treasury Payment Request Creation Approval available in SAP API Business hub to integrate SAP Build Process Automation with SAP S/4HANA. Integration models use RFC to integrate with SAP S/4HANA. The following integration models are available in this package.

1. Create Treasury Payment Request
2. Get Approvers for Treasury Payment Request

Import the integration package to your SAP Integration Suite tenant. To be able to import and deploy integration flows, you need the role AuthGroup. PI_Integration_Developer (in cloud foundry environment) assigned in your tenant.

Import pre-packaged Integration content in SAP Integration Suite

- Access your SAP Integration Suite tenant management node (<https://<integrationtenant>/itspaces>).
- View all pre-packaged integration flow under Discover->Integration. (<https://<integrationtenant>/itspaces/shell/discover>)
- Search content package “SAP Build Process Automation Integration with SAP S/4HANA For Treasury Payment Request Creation Approval”.
- Click on the package “SAP Build Process Automation Integration with SAP S/4HANA For Treasury Payment Request Creation Approval”.
- Click Copy to import the Integration content package to your workspace.
- Navigate to the Monitor view (<https://<integrationtenant>/itspaces/shell/monitoring>) to setup the security materials required for the package.
- Deploy the following credentials using the Security Material app. In Integration Suite, open Operations view, then click on Security Material to create and deploy security materials.

Note: The credential names can be different from what is mentioned above. Make sure that you configure the appropriate credential names in the integration flow's RFC adapter configuration.

RFC Adapter Configuration

- Open the integration model Get Approvers for Treasury Payment Request.
- Click Configure button, choose receiver "SAP_S4HANA_RFC" and set the required destination name.

Receiver More

Receiver: SAP_S4HANA_RFC

Adapter Type: RFC

Connection

Destination:

- Go to More tab and enter the RFC_Name and if required, change the values for HTTP Session Reuse and Transaction Handling.

Configure "Get Approvers for Treasury Payment Request"

Sender Receiver **More**

Type: All Parameters

HTTP_Session_Reuse: onExchange

RFCName: ZWF_FM_HR_MASTER_GET_APPROVER

Transaction_handling: Not Required

- Save the integration model.
- Configure similar parameters for receiver "SAP_S4HANA_RFC" in Create Treasury Payment Request model and save the configurations.

Sender Receiver **More**

Type: All Parameters

Http_Session_Reuse: onExchange

RFC_Name: ZWF_FM_FTR_POSTING

Timeout: 30

Transaction_Handling: Not Required

- Once all the required configurations are done, deploy all the integration models.

API Attributes	Values
Path	/http/getApproverstprcawfm
HTTP Method	POST
Payload sent by workflow (sample data)	<pre>{ "d": { "companyCode": "4001", "positionID": "50000508" } }</pre>
Response Payload from integration flow	<p>RESPONSE STATUS, Ex 200 OK</p> <pre>{ "d": { "status": "Success", "message": "Data fetched successfully", "companyCode": "4001", "positionID": "50000508", "approvers": [{ "userID": "ABCXYZ", "emailID": "abcxyz@example.com", "name": "Mr Example Approver" }] } }</pre>
Payload Type	Application / JSON