

SAP BUSINESS TECHNOLOGY PLATFORM | EXTERNAL

Integration Guide

SAP Build Process Automation Integration with SAP
S/4HANA for Joint Venture Cash Call

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Overview

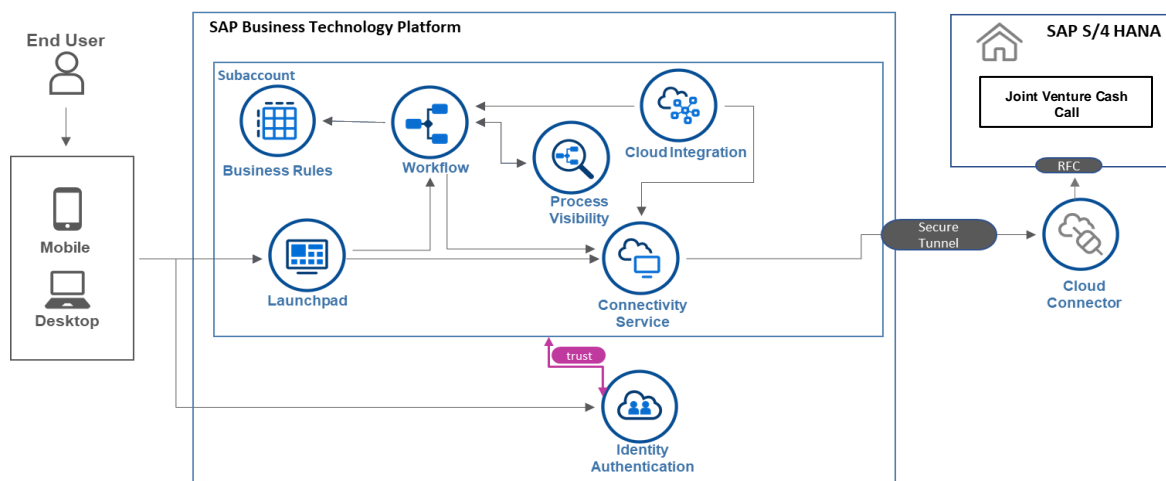
This document provides information about configuration steps to setup the integration content to consume the live process content package **Joint Venture Cash Call Approval**. The primary audience of this document is integration administrators and developers.

This package contains Integration Flows to Update Joint Venture Cash Call from SAP Build Process Automation or SAP Workflow Management to SAP S/4HANA.

Salient features of this integration package are:

- Update Cash Call integration flow updates the cash call details against the required Joint Venture
- Batch received from SAP Build Process Automation or SAP Workflow Management to SAP S/4HANA.

Solution Diagram



Required SAP Business Technology Platform Services

The live process content package **Joint Venture Cash Call Approval** is intended to be used for SAP S/4HANA (on-premise and cloud) and requires the following services in SAP BTP:

- SAP Build Process Automation or SAP Workflow Management to orchestrate the process.
- Cloud integration capability within SAP Integration Suite.
- SAP Connectivity service (cloud connector) to establish access to SAP S/4HANA on-premise.
- SAP Launchpad to access the apps that are involved in the process.
- SAP Business Application Studio to modify/re-deploy the SAPUI5 applications.
- SAP BTP, Cloud Foundry runtime.

Setup and Configuration

This section will explain how to setup the integration content that is required for the live process content packages **Joint Venture Cash Call 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 Cloud Integration (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 >

Configure Cloud Connector

For SAP S/4HANA on-premise landscape, configure cloud connector to enable secure tunnel to SAP BTP 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

Note: Steps to implement the Custom ABAP Objects are mentioned in “Deploy Custom ABAP Objects” section of the Setup Guide of workflow content package **Joint Venture Cash Call Approval**.

Resources	Protocol	Backend-Type
ZWF_FM_JVCASHCALL	RFC	ABAP System

Import, configure and deploy cloud integration content

This live process content requires the cloud integration to process the – Joint Venture Cash Call in SAP S/4HANA. The integration content package **SAP Build Process Automation Integration with SAP S/4HANA for Joint Venture Cash Call** is available in SAP API Business hub to integrate SAP Build Process Automation or SAP Workflow Management with SAP S/4HANA. Integration models use RFC and OData to integrate with SAP S/4HANA. The following integration models are available in this package.

1. Update Cash Call

Import the integration package to your SAP Cloud Integration tenant. To be able to import and deploy integration flows, you need the role AuthGroup. IntegrationDeveloper (in Neo environment) or 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 Joint Venture Cash Call**”.
- Click on the SAP Build Process Automation Integration with SAP S/4HANA for Joint Venture Cash Call .
- 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.

RFC Adapter Configuration

- Open the integration model Update Cash Call.
- Click **Configure** button, choose receiver (SAP_S4HANA) and set the required destination and RFC Name for RFC Adapter. (RFC Name can be found in the “Deploy Custom ABAP

Objects" section in Setup Guide)

Sender **Receiver** More

Connection

Receiver: SAP_S4HANA

Adapter Type: RFC

Destination:

Configure "Update Cash Call"

Sender Receiver **More**

Type: All Parameters

rfcName:

- Save and Deploy the integration model.

Note: In case the Approver Determination Strategy is selected as "External Service" in workflow configurations, then a cloud integration model needs to be implemented with the below mentioned endpoint, input and output details.

API Attributes	Values
Path	/http/getApproversJVcashcallwfm
HTTP Method	GET
Payload sent by workflow (sample data)	<pre>{ "d": { "CashCall" : \$.context.cashCallDetails, "Role" : "JV Supervisor" } };</pre>

<p>Response Payload from integration flow</p>	<p>RESPONSE STATUS, Ex 200 OK</p> <pre>"ApproverRulesResult": {"d": {"approvers": [{"supervisorEmail": "email@example.com", "email": "email@example.com", "userGroup": "Approver_GroupId", "userId": "Approver_UserId"}]}}</pre> <p>Note: When Status is not 200, then it is considered a failed service call.</p>
<p>Payload Type</p>	<p>Application / JSON</p>