SAP BUSINESS TECHNOLOGY PLATFORM | EXTERNAL

Integration Guide

SAP Build Process Automation Integration with SAP S/4HANA for Project Activity Trigger

© 2022 SAP SE or an SAP affiliate company. All rights reserved.

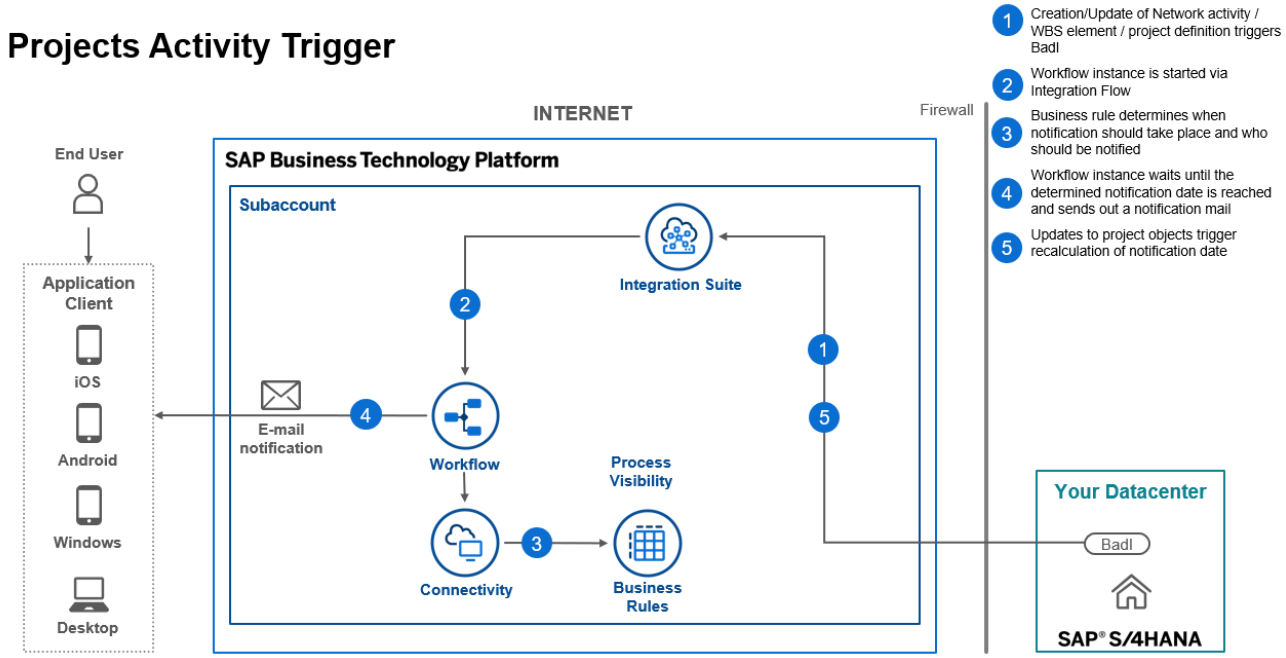
THE BEST RUN SAP

Table of Contents

Table of Contents....2
Overview....3
Required SAP Business Technology Platform Services....4
Setup and Configuration....5
Configure SAP S/4HANA Destination....5
Configure Cloud Connector....5
Import, configure and deploy cloud integration content....5
Import pre-packaged Integration content in SAP Integration Suite....6
RFC Adapter Configuration....7

Overview

This document provides information about configuration steps to setup the integration content to consume the live process content package Project Activity Trigger. The primary audience of this document is integration administrators and developers. This integration package enables the workflow module to trigger workflow instances.



Required SAP Business Technology Platform Services

The live process content **Project Activity Trigger** 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 or SAP Workflow Management
- Cloud Integration capability within SAP Integration Suite
- SAP Connectivity service (cloud connector) to establish access to SAP S/4HANA on-premise

Setup and Configuration

This section will explain how to setup the integration content that is required for the live process content package **Project Activity Trigger**.

Configure SAP S/4HANA Destination

Configure a RFC destination to connect with SAP S/4HANA on-premise, refer to documentation here for the same.

Name	S4HANA
Type	RFC
Proxy Type	On premise
User	<COMMUNICATION_ USER>
Password	<COMMUNICATION_PASSWORD>
Authentication	BasicAuthentication
URL	<URL of SAP S/4HANA System>
Additional Properties	sap-client: <client number>

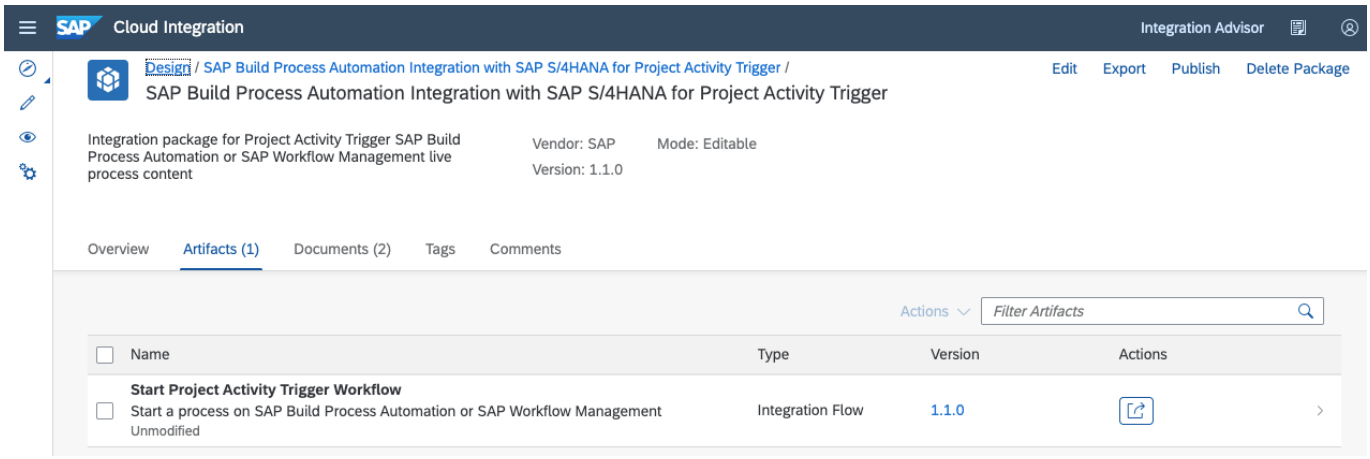
Configure Cloud Connector

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. Expose the following BAPI/RFC in the SAP Cloud Connector:

1. BAPI_PROJECT_GETINFO

Import, configure and deploy cloud integration content

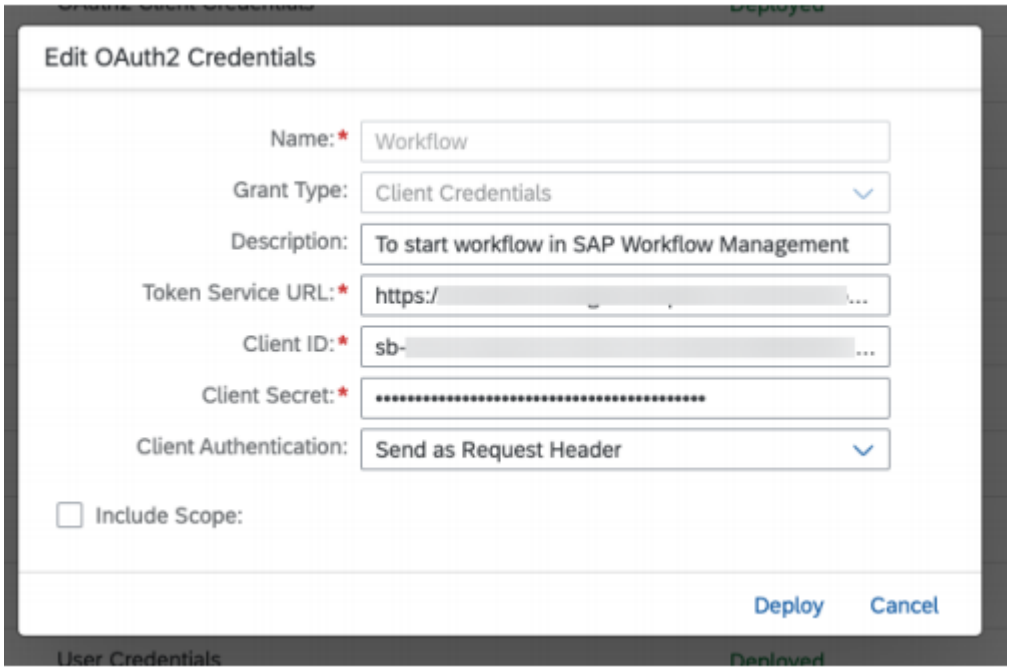
This workflow content requires the cloud integration to process the **Project Activity Trigger** in SAP S/4HANA. The integration content package **SAP Build Process Automation Integration with SAP S/4HANA for Project Activity Trigger** is available in SAP API Business hub to integrate SAP Build Process Automation or SAP Workflow Management with SAP S/4HANA. The following integration models are available in this package.



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

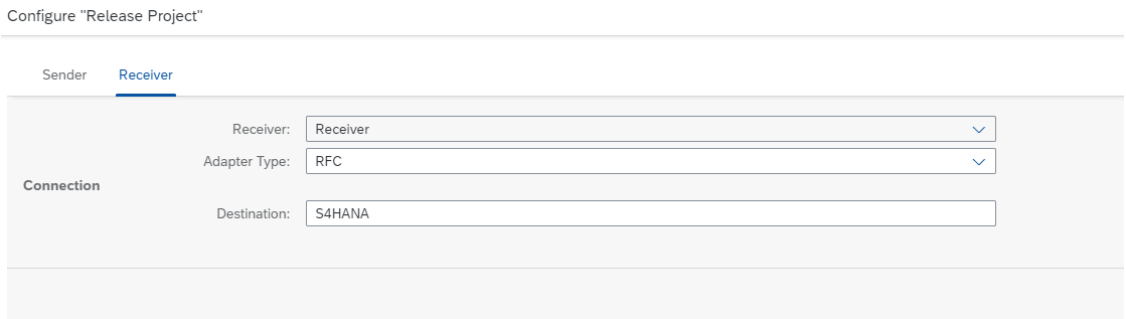
- Access your SAP Integration Suite tenant management node (https://<integrationtenant> /itspaces).
- View all pre-packaged integration flow under Discover->Integration. (https://<integrationtenant>/itspaces/shell/discover)
- Search content package "SAP Build Process Automation Integration with SAP S/4HANA for Project Activity Trigger".
- Click on the package SAP Build Process Automation Integration with SAP S/4HANA for Project Activity Trigger".
- 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.
    - Workflow – (OAuth2 Client Credentials) To start the approval workflows in SAP Build Process Automation or SAP Workflow Management (help documentation to determine the service configuration parameters). Make sure that the workflow service instance was created with the following scopes - WORKFLOW_INSTANCE_GET, WORKFLOW_INSTANCE_START, WORKFLOW_INSTANCE_CANCEL.



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 HTTP adapter configuration.

RFC Adapter Configuration

- Open the integration model Start Project Activity Trigger Workflow
- Click Configure button, choose the appropriate receivers (workflow and SAP S/4HANA) and set their respective API endpoint and credential names.



- Save and Deploy the integration model.