

SAP BUSINESS TECHNOLOGY PLATFORM | EXTERNAL

Integration Guide

SAP Build Process Automation Integration with SAP S/4HANA for Notify Production of Maintenance Order

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Overview

This document provides information about configuration steps to setup the integration content to consume the live process content packages **SAP Build Process Automation Integration with SAP S/4HANA for Notify Production of Maintenance Order**. The primary audience of this document is integration administrators and developers.

Salient features of this content package are:

- Start a workflow instance on SAP Build Process Automation or SAP Workflow Management
- Update Maintenance Order based on a new proposed time

Required SAP Business Technology Platform Services

The workflow content packages **SAP Build Process Automation Integration with SAP S/4HANA for Notify Production of Maintenance Order** 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
- Cloud integration capability within SAP Integration Suite
- SAP Connectivity service (cloud connector) to establish access to SAP S/4HANA

Setup and Configuration

This section will explain how to setup the integration content that is required for the live process content packages **SAP Build Process Automation Integration with SAP S/4HANA for Notify Production of Maintenance Order**.

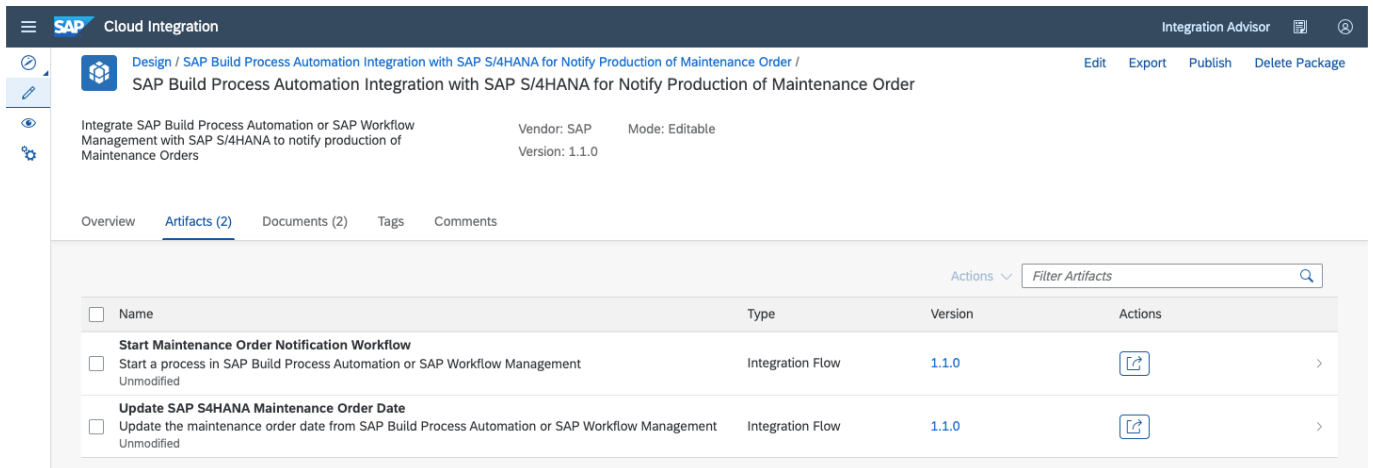
Configure SAP S/4HANA Destination

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

Name	S4HANA_RFC
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>

Import, configure and deploy cloud integration content

This live process content requires the cloud integration to process the Maintenance Order in SAP S/4HANA. The integration content package **SAP Build Process Automation Integration with SAP S/4HANA for Notify Production of Maintenance Order** 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 Notify Production of Maintenance Order”.
- Click on the package SAP Build Process Automation Integration with SAP S/4HANA for Notify Production of Maintenance Order.
- 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. Make sure that the 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 **SAP Build Process Automation Integration with SAP S/4HANA for Notify Production of Maintenance Order**
- Click **Configure** button, choose the appropriate receivers (workflow, process visibility or SAP S/4HANA) and set their respective API endpoint and credential names.

Configure "Update SAP S4HANA Maintenance Order Date"



The screenshot shows a configuration window with three tabs: 'Sender', 'Receiver', and 'More'. The 'Receiver' tab is active. Under the 'Connection' section, there are three fields: 'Receiver' with the value 'SAP_S4HANA', 'Adapter Type' with the value 'RFC', and 'Destination' with the value 'S4HANA'. Each field has a dropdown arrow on the right side.

- Save and Deploy the integration model.