

SAP BUSINESS TECHNOLOGY PLATFORM | EXTERNAL

## Setup Guide

# Translate Job Postings using SAP Workflow Management or SAP Build Process Automation

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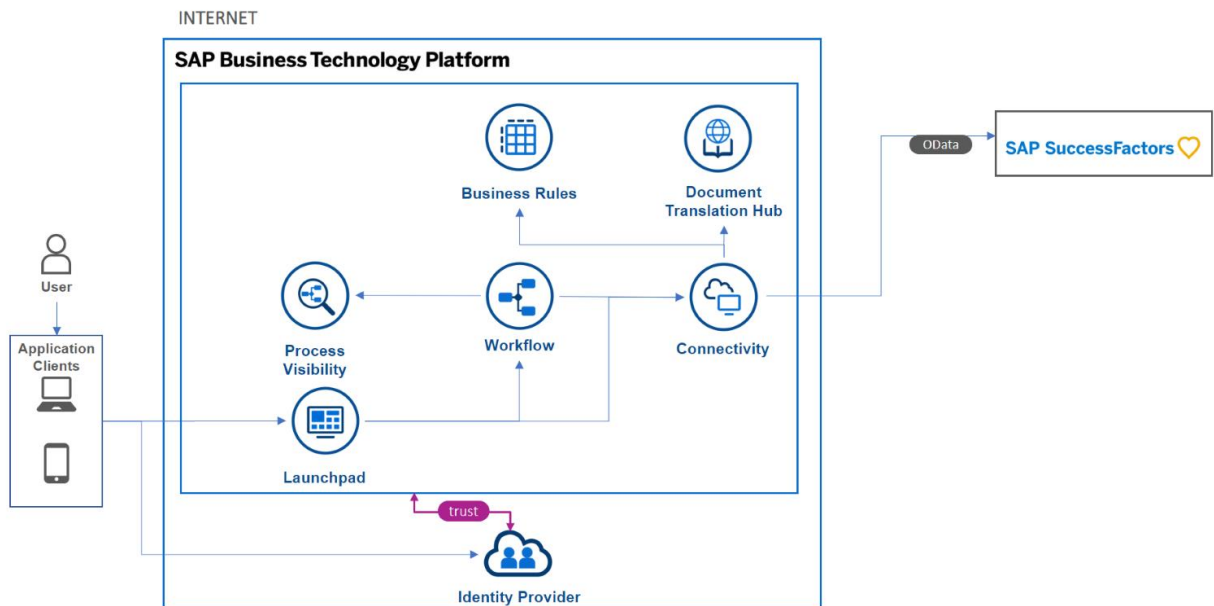
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# Overview

This document provides information about how to setup the SAP BTP tenant to consume the Translate Job Postings content package using SAP Build Process Automation or SAP Workflow Management. Administrators & IT are the target users of this document.

When a job posting is created, it needs to be translated into several languages. To support the translation process, this workflow utilizes SAP document translation service to automatically translate job postings into the required languages. After the automatic translation, a reviewer has to check the translation and can edit them directly. In the end, the reviewed translations are updated automatically in SAP SuccessFactors.

This workflow decreases the overall amount of manual translation work while still allowing experts to check the translations.



## Required SAP BTP Services

The content package Translate Job Postings is intended to be used for translating job requisition postings automatically into different languages and requires the following services in SAP Business Technology Platform.

- SAP Build Process Automation or SAP Workflow Management to orchestrate the process.
- SAP Document Translation Service to translate the texts.
- SAP Cloud Portal service or SAP Launchpad service to access the apps that are involved in the process.
- SAP Business Application Studio to modify the SAPUI5 applications (optional).
- SAP BTP, Cloud Foundry runtime.

This workflow requires SuccessFactors to be integrated:

- SAP SuccessFactors – Read the job requisition and update the translation using the API's (Job Requisition).

# Setup and Configuration

The **Translate Job Postings** content package requires SAP Workflow Management subscription or a CPEA contract. Based on which service you plan to use, follow the appropriate section to configure either SAP Build Process Automation or SAP Workflow Management.

## Configure SAP Build Process Automation

Follow the setup and configuration section of SAP Build Process Automation:

1. [Subscribe to SAP Build Process Automation \(Standard Plan\)](#)
2. [Configure Destinations for Live Process Projects](#)
  - a. Import Package Destination
  - b. Business Rules Destination to support start and step conditions
3. [Optional] [Configure SAP Launchpad Service for SAP Build Process Automation](#)

### Configure Process Automation Destination

A HTTP destination is required in the BTP subaccount where SAP Build Process Automation is subscribed. Create a destination with name "sap\_process\_automation\_service" with the following configuration if it doesn't exist already. Please refer how to [create a HTTP destination](#) OAuth 2.0 Authentication (client credentials).

Name	sap_process_automation_service
Type	HTTP
Proxy Type	Internet
Authentication	OAuth2ClientCredentias
URL	<"endpoints"."api">
Client ID	<"uaa":"clientis">
Client Secret	<"uaa":"clientsecret">
Token Service URL	<"uaa":"url"/>/oauth/token

Note: While creating the service instance for SAP Build Process Automation service, make sure that at least the required scopes are assigned (help documentation to enable technical authentication to [access the SAP Build Process Automation APIs](#)). If the scopes are not assigned, you can also [update the service instance](#) with the required scopes.

### Configure OAuth2ClientCredentias SAP Build Process Automation Destination (Service Instance)

Ignore this step if there is already a destination using SAP Build Process Automation service instance created.

Create new destination to call SAP Build Process Automation APIs using a service route from SAP UI5

component. For more details, follow the help document:

<https://help.sap.com/viewer/cca91383641e40ffbe03bdc78f00f681/Cloud/en-US/685f383cebb54c009b2fac633b32c90f.html>.

Destination Configuration Blank Template Service Instance

Service Instance: \* sap\_processautomation

Name: \* process\_atuomation\_service\_destination

Description: Call SAP Process Automation APIs using a service route

Additional Properties New Property

Next Cancel

Destination Configuration

Name: \* process\_automation\_service\_destination

Type: HTTP

Description: Call SAP Process Automation APIs using a s...

URL: \* https://sap.com/DUMMY\_URL

Proxy Type: Internet

Authentication: OAuth2ClientCredentials

Use mTLS for token retrieval

Client ID: \* sb-... i9...

Client Secret: \*\*\*\*\*

Token Service URL Type: \* Dedicated Common

Token Service URL: \* https://... ..

Token Service User: .....

Token Service Password: .....

Additional Properties

endpoints	{*api:"https://...	🗑
html5-apps-...	{*app_host_id":"...	🗑
saasregistry...	true	🗑
sap.cloud.s...	com.sap.spa.process...	🗑
sap.cloud.s...	spa	🗑

Use default JDK truststore

Save Cancel

## Configure SAP Workflow Management

Translate Job Postings content package requires SAP Workflow Management subscription or a CPEA contract. Follow the [setup and configuration section](#) of SAP Workflow Management.

Note: While creating the service instance for Workflow service, make sure that at least the following scopes are assigned (help documentation to [enable technical authentication](#) to access the workflow APIs). If the scopes are not assigned, you can also [update the service instance](#) with the following scopes.

- WORKFLOW\_INSTANCE\_GET
- WORKFLOW\_INSTANCE\_START

### Configure Workflow Email Destination

Configure workflow email destination to automatically send email notification to the involved parties. For more information on configuring the destination, see [configure workflow email destination](#).

## Configure Workflow Destination

A HTTP destination is required in the SAP BTP subaccount where SAP Workflow Management is subscribed. Create a destination with name "Workflow" with the following configuration, if it doesn't exist already. Please refer how to [create a HTTP destination](#) OAuth 2.0 Authentication (client credentials).

Name	Workflow
Type	HTTP
Proxy Type	Internet
Authentication	OAuth2ClientCredentials
URL	<rest_api_url>
Client ID	<client ID>
Client Secret	<client secret>
Token Service URL	<uaa.url>/oauth/token

## Configure OAuth2ClientCredentials Workflow Destination (Service Instance)

Ignore this step if there is already a destination using Workflow service instance created.

Similarly, create new Destination to call Workflow Service APIs using a service route from SAP UI5 Component. For more details, follow the official help document:

<https://help.sap.com/viewer/cca91383641e40ffbe03bdc78f00f681/Cloud/en-US/685f383cebb54c009b2fac633b32c90f.html>.

## Configure Business Rules Destination

A HTTP destination is required in the Cloud Foundry account where SAP Workflow Management is subscribed. Create a destination with name "BUSINESS\_RULES" with the following configuration, if it doesn't exist already. Please refer how to [create a HTTP destination](#) and [how to access business rules APIs](#) using OAuth 2.0 Authentication (client credentials)

Name	BUSINESS_RULES
Type	HTTP
Proxy Type	Internet
Authentication	OAuth2ClientCredentials
URL	<rule_runtime_url>/rules-service
Client ID	<client ID>
Client Secret	<client secret>
Token Service URL	<uaa.url>/oauth/token

## Configure SAP Document Translation Service

SAP Document Translation is the translation solution for longer texts in the Cloud Foundry environment of SAP Business Technology Platform.

Create and configure root Document Translation Service repository by following the steps described in [Initial Setup for SAP Document Translation Service](#).

Configure the SAP Document Translation Service destination with the following parameters.

Name	DocumentTranslationService
Type	HTTP
Proxy Type	Internet
Authentication	OAuth2ClientCredentials
URL	<"documenttranslation":"url">



Token Service URL	<"uaa":"url"/>/oauth/token
Token Service URL Type	Dedicated

Populate Client ID and Client Secret with the values from the Service Key created on the previous step (see [Create Service Keys Using the Cockpit](#)). For more information refer to [Create HTTP Destinations](#) and [OAuth User Token Exchange Authentication](#).

## Configure SAP SuccessFactors

Configure the SAP SuccessFactors destination with the following parameters.

Name	SAPSuccessFactors
Type	HTTP
Proxy Type	Internet
Authentication	Basic Authentication
URL	<API url of SAP SuccessFactors >
User	<Technical user name>
Password	<Technical user password>

Populate user and password with the credentials of a technical user. For more information refer to [Create HTTP Destinations](#).

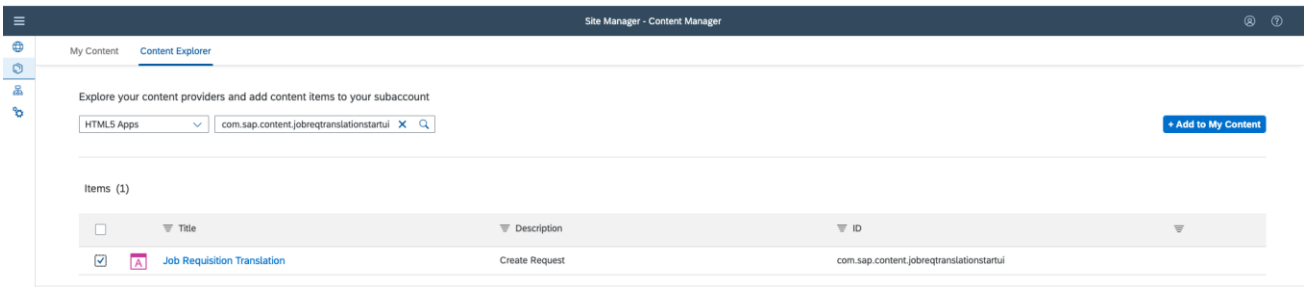
Please make sure that the technical user has the following permission added:  
 OData API Job Requisition Update

## Configure SAP Central Fiori Launchpad Site for SAP Workflow Management

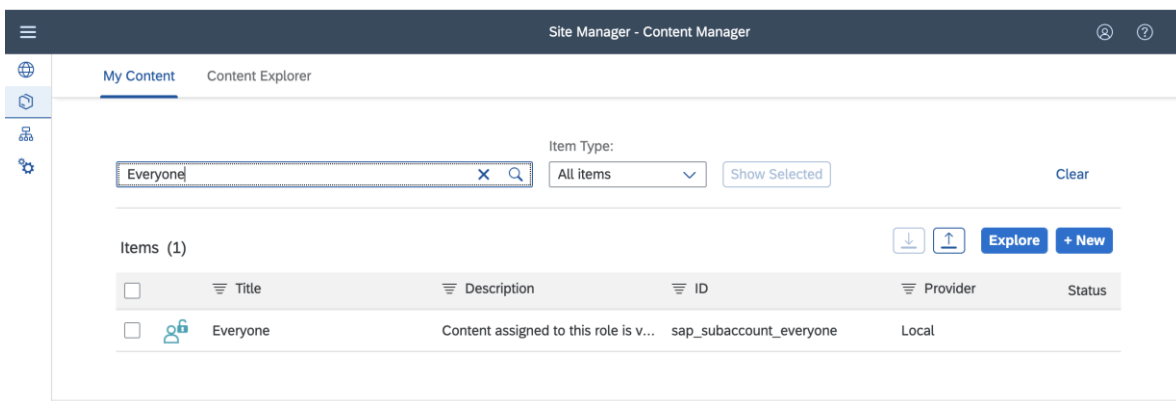
If you plan to use SAP Launchpad service, then configure [SAP Central Fiori Launchpad Site with Workflow Applications](#) using help documentation.

## Add Workflow start UI in Fiori Launchpad Site

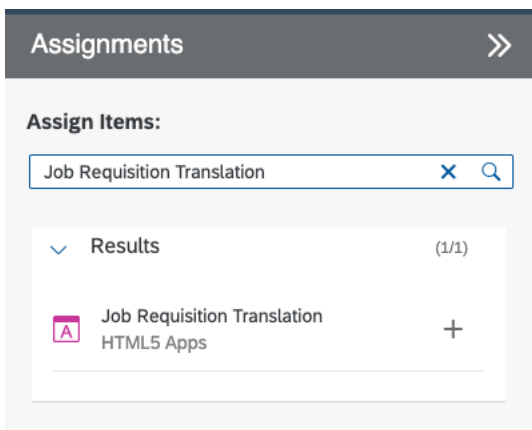
- Open SAP Launchpad site manager application.
- Select Content Manager and Content Explorer.
- Search com.sap.content.jobreqtranslationstartui and select SAP UI5 component.



- Click Add to My Content button to include the UI5 component.
- Select My Content tab and Search Everyone.
- Click the role where you want to enable this application (for ex, Everyone) from the result and navigate to the details.



- Click Edit button to enable all users to access the new Start UI tile.
- Search for Document and select Job Requisition Translation.
- Click the + button and Save the changes



- Finally, add the application Job Requisition Translation to the group (existing or new).

## Custom User Interfaces

The content package requires two SAPUI5 user interfaces, and both of them are automatically deployed in the SAP BTP tenant when the content package is imported. If the standard behavior needs to be altered to meet custom requirements, then the sources for the user interface and workflows are available in the Sources tab (Manage Package app). The source files can be imported into the SAP Business Application Studio or SAP WebIDE to make further enhancements & deploy into the SAP BTP tenant.