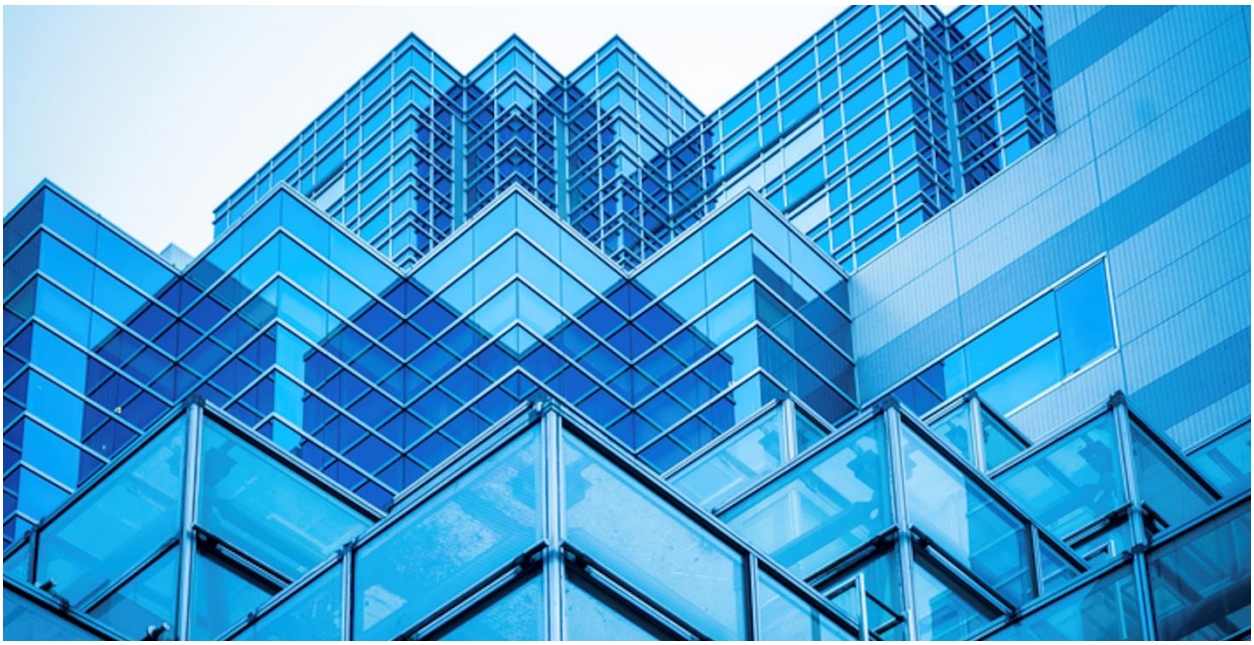


PUBLIC

SAP Build Process Automation

Mass Creation of Bank Master
Configuration and User Guide

Contents

Change Log 3

Overview 4

Prerequisites 5

Other Prerequisites 6

Configuration Guide 8

Setup SAP S/4HANA 8

Configure SAP S/4HANA Destination 8

Setup Communication 9

Setup Business Technology Platform Cockpit 9

Configure SAP Document Management Service 9

Configure SAP Build Process Automation Email Destination 10

User Roles Configuration 10

Setup Build Process Automation Content 10

Import Content 10

Configuration & Modification 11

Configure Decisions 11

Configure Destination Settings 13

Configure Email 14

Release and Deploy the Process 15

User Guide 18

Capabilities 18

Actions 19

Automation 20

Process 21

Forms 21

Support **21**

Change Log

Version	Date	Description
1.0.0	December 12, 2023	Document created

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.

This document contains 3 sections. Each section covers different information about this template content package.

1. Overview: In this section, you will get a quick overview of the use case, what high-level components are used and how the template works in a nutshell. Prerequisite section provides information of different services of SAP Business Technology Platform (BTP) that are required to use this template.

2. Configuration Guide: It contain sections which will guide you to setup your (a) SAP BTP Account with destination, cloud connector, user roles etc., (b) Import and configure the template using SAP Build Process Automation design studio and (c) SAP Work Zone to access the My Inbox or Task Center and other applications.

3. User Guide: This section provides details about different artefacts that are used in this template like process definition, decision diagram, action project details, forms, email notifications etc. to better understand how different capabilities are used in this template.

Notes:

- This documentation is not a detailed guide to setup SAP BTP services. It assumes that IT admin who is setting the content is skilled with SAP BTP environment. Configuration section must be mandatorily followed to import and configure the template.
- This template content is to accelerate your solution development. You must modify this template according to your requirements to achieve the desired business goal. To use this template content, you need to have basic knowledge and understanding of SAP Build Process Automation and its capabilities.

Overview

This document provides information about setting up the SAP Business Technology Platform account to consume the **Mass Creation of Bank Master** template**.** The main audience of this document are technical IT/system administrators.

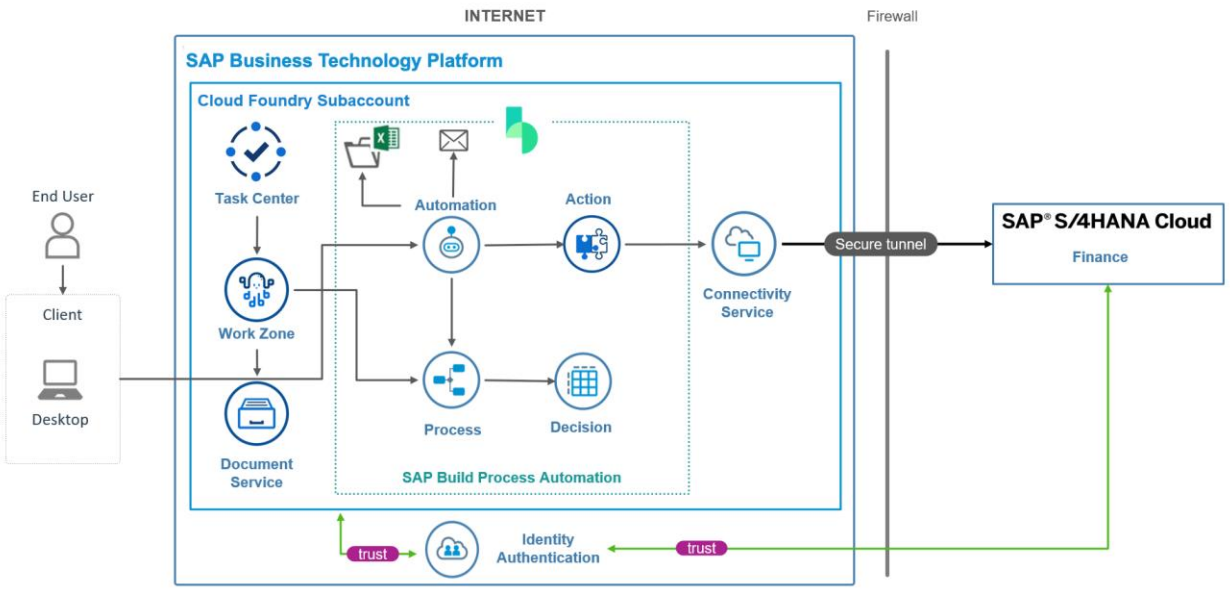
This package facilitates read and create the bank master in SAP S/4HANA system.

Features:

- This package triggers from checking the email with attachment then it facilitates to save the excel attachment in predefined folder.
- It enables to read the excel file and check the existing bank master data in SAP S/4HANA system.
- Existing bank master data will be added in excel template and the generated excel will be sent as an email to the requestor.
- Automation generates the excel template with new data which need to be created in SAP S/4HANA system.
- It provides the approval flow for the provided bank master details based on the determined approver(s).
- Includes automation to automatically generate the log file once approved and notifies the requestor with email with generated log file.

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.

Process Flow Diagram



Steps:

1. The user prepares the input template with bank master details and sends them over email.
2. Automation picks the excel file and checks for the existing data, if existing data found will generate the excel with that data and sends email to the requestor.
3. When no existing data is found, the new bank master data will be sent for the approver determination.
4. Approval workflow is triggered based on bank country and region.
5. Once approved, a bank master will be created in SAP S/4HANA system and log report will be generated.
6. Send email to the requestor with the log report generated attached to it.
7. If it is rejected, sends email to the requestor with the approver comments in it.

Prerequisites

The following SAP Business Technology Platform services are required to consume the Mass Creation of Bank Master:

- SAP Build Process Automation to orchestrate the process.
- SAP Cloud Identity Services - Identity Authentication (Optional)
- SAP Connectivity service to establish access to SAP S/4HANA, Public Edition
- SAP Business Technology Platform, Cloud Foundry runtime
- SAP Work Zone, standard or advanced edition for accessing My Inbox and Process Visibility workspaces.
- SAP Document Management Service, Integration Option

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.

Other Prerequisites

For this template to run successfully the following other prerequisites are needed

- SAP Desktop Agent 3.18 or higher
- Outlook mailbox configured on the system where the automations will run to send mails with attachments.

Note:

- This package is designed only to work with the provided folder structure & input template file structures. DO NOT CHANGE any column properties and structure.
- If any changes done in the input template structure, related process & automation implementation also need to be updated to handle those changes.
- You can decide the folder by the key parameters where the input template should be placed.
- Input Template, Log Report template is placed as file artefact.
- If those files are not active, the file will not be executed in Automation.
- The input excel has 2 sheets 'Field List' and 'Bank'.
    1. In **Field List sheet**, the field details are updated.

Template: Create Bank Master

Sheet Name	Group Name	Field Name (Technical)	Field Description	Importance	Type	Sample Value	Remarks
Bank Master (mandatory)							
Bank	Key	Bank country key	Bank country key	Mandatory	Text	GB	
		Bank Key	Bank Key	Mandatory	Text	403031	
	Address	Bank Name	Name of bank	Mandatory	Text	HSFC 1 - Sample Bank	
		Region	Region (State, Province, Country)		Text	GB	
		House Number	House Number		Text	12	
		Street	Street Name		Text	35 Park Ln	
		City	City Name		Text	London W1K 1RB	
		Bank Branch	Bank branch		Text	HSBC Carolina	
	Control data	SWIFT Code	SWIFT code for international payments		Text	RHSBCGB1	
		Postal Code	Post Office Bank Current Account		Text	H	
		Bank Number	Bank Number	Mandatory	Text	403031	Bank Number should be same as Bank Key
		Bank Group	Bank group (bank network)		Text	HC	

Field List | Bank

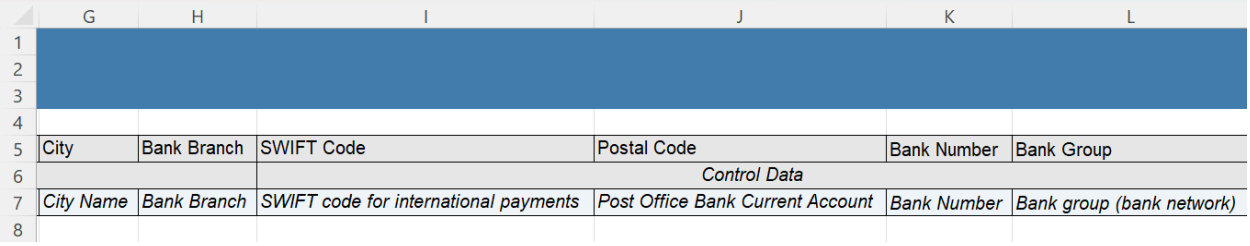
    2. In the **Bank** sheet, bank master data will be generated.

Template: Create Bank Master

Requestor Email ID test@test.com

Bank country key	Bank Key	Bank Name	Region	House Number	Street
Key		*Address*			
Bank country key	*Bank Key*	*Name of bank*	*Region (State, Province, Country)*	*House Number*	*Street Name*

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.



	G	H	I	J	K	L
1						
2						
3						
4						
5	City	Bank Branch	SWIFT Code	Postal Code	Bank Number	Bank Group
6				*Control Data*		
7	*City Name*	*Bank Branch*	*SWIFT code for international payments*	*Post Office Bank Current Account*	*Bank Number*	*Bank group (bank network)*
8						

- Environment variable should be maintained for processing the email from the outlook:
    1. **EmailAttachmentName**: Expected file name of bank master template attachment in email (including file extension)
    2. **EmailFolderProcessed**: Email folder for processed mails
    3. **EmailFolderTobeProcessed**: Email folder for mails to be processed.
    4. **EmailStartDate**: Start date for searching emails.
    5. **EmailSubject**: Email subject to search the email in outlook.
- After processing the excel attachment from outlook, the attachment will be downloaded in the folder "**To Be Processed**" which will be placed in the path where you have defined in the environment variable (**AttachmentDownloadPath**).
- The existing bank master data will be generated in excel and saved in the excel file "**DuplicateBankData_<Timestamp>.xlsx**" in the folder "**Existing Data**" which is placed in the path where you have defined in the environment variable (**DownloadPath**).
- The new bank data will be generated in excel and saved in the excel file "**BankData_<Timestamp>.xlsx**" in the folder "**New Bank Data**" which is placed in the path where you have defined in the environment variable (**DownloadPath**).
- The Approval Input excel is generated in the name of "**BankApprovalInput_<Timestamp>.xlsx**" to display the request details for creation of bank master and will be saved in the **To be Processed** folder which is placed in the path you have mentioned in the environment variable (**DownloadPath)**
- After Approval task done the file "**BankApprovalInput _<Timestamp>.xlsx**" in **To be processed** folder will be moved to the folder **Processed** folder which is placed in the path you have mentioned in the environment variable (**DownloadPath**).
- The Log template it has one sheet 'Logs'.
    1. In **Logs** sheet the creation of bank master details will be fetched with the post status and response message.
- After POST call the Log report will be generated in the name of "**LogReport_<Timestamp>.xlsx**" and will be saved in the Log Report folder which is placed in the path you have mentioned in the Environment variable (**DownloadPath)** and notifies the requester through email about the completion with the log report attached to it.

Note: Processed folder and Log Report folder files not deleted for reference perspective. Please archive manually whenever required.

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.

Configuration Guide

Mass Creation of Bank Master template requires SAP Build Process Automation subscription or CPEA contract. Follow the setup and configuration section

Setup SAP S/4HANA

Configure SAP S/4HANA Destination

Configure destination to connect to SAP S/4HANA cloud system.

This destination is used for checking the duplicate bank master and creation of bank master in SAP S/4HANA system.

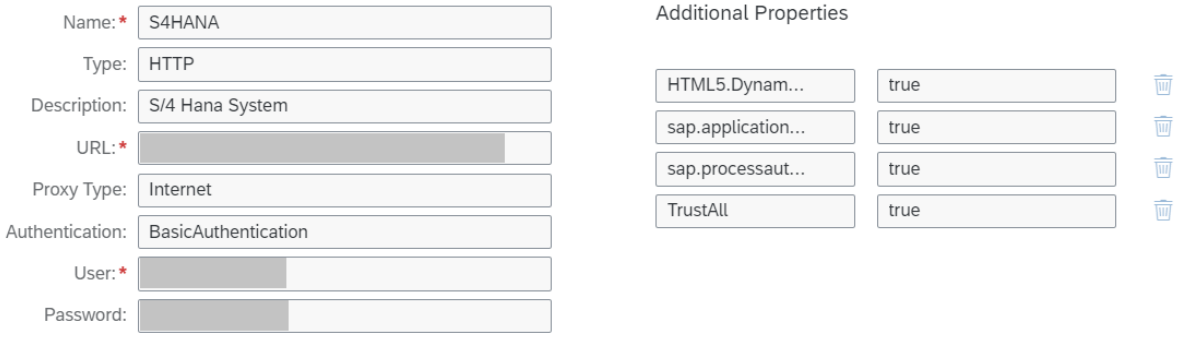
Destination Property	Value
Name	<Name>
Type	HTTP
URL	<SAP S/4HANA endpoint> Example: https://<s4system-name>-api.xxxxxxxx
Proxy Type	Internet
Authentication	Basic Authentication
Username	<Username> of the SAP S/4HANA Communication User
Password	<Password> of the SAP S/4HANA Communication User

Note: For SAP S/4HANA Cloud and on-premise, the API should be accessible over internet proxy type, as iRPA Automation does not support on-premise as proxy type as explained in the SAP Note.

Note: Add the following additional properties to the destination

Destination Additional Property	Value
HTML5.DynamicDestination	True
sap.applicationdevelopment.actions.enabled	True
sap.processautomation.enabled	True

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.



Setup Communication

To run this template, you must have a communication user, create communication arrangements between the communication user and the following communication scenarios, and assign those communication arrangements to a communication system.

Steps to Create Communication System and Communication Arrangement are available in below documentation links:

How to Create Communication Systems | SAP Help Portal

How to Create a Communication Arrangement | SAP Help Portal

Configuration and Role Details for accessing "Communication Systems" application.

Configuration and Role Details for accessing "Communication Arrangements" application.

List of communication scenarios to be configured.

Communication Scenario	Related API
Bank - Bank Integration(SAP_COM_0379)	Overview | Bank | SAP Business Accelerator Hub

Setup Business Technology Platform Cockpit

Configure SAP Document Management Service

In this template, the input template document for **Mass Creation of Bank Master** and any supporting documents can be uploaded in the approval form which are then made available as attachments for review and approval to the respective participants. To upload the document from the form, you will need SAP Document Management Service or equivalent CMIS repository and a corresponding destination in SAP BTP to connect to the repository.

- Follow the instructions to configure SAP Document Management Service for Attachments
- Add service instance and service key (follow this) and repository (follow this) to Configure the Destination

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.

- Configuring destination, refer Configure SAP Document Management Service Destination

Note: The destination needs to be created with **sap_process_automation_document_store** name.

Configure SAP Build Process Automation Email Destination

Mail notifications are used in this template to send notifications to requestor, approver, and admin during different stages of the process. Follow the instructions to setup mail destination in your SAP BTP Account.

Configuring destination, see Configure a SMTP Mail Destination.

- For more information refer to Create HTTP Destinations and OAuth User Token Exchange Authentication.

User Roles Configuration

To access this template, the business user will need these roles:

Role Collection Name	Purpose
Process Automation Developer	Standard Business User, can model and publish processes
TaskCenterAdmin	Permission to execute calls to the Connector Status API and monitor configured destinations and running background jobs.
ProcessAutomationParticipant	To execute (like accessing MyInbox, running the automations, etc.) this content package, you need to have this role assigned to the respective user.
ProcessAutomationAdmin	To perform process admin activities like accessing monitoring applications etc., you need to have this role assigned to the respective user.

For more information about SAP Build Process Automation roles, see Authorizations

Setup Build Process Automation Content

Standard automation packages released by SAP will be available at the SAP Build Store

Import Content

This template can be downloaded from the Store:

1. Navigate to the Store in your SAP Build Process Automation account.
2. Select the Project Type filter as “process automation.”
3. In the Search bar type “**Mass Creation of Bank Master**”
4. Select the “Create from Template” button to add the template into your lobby.

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.

5. After successfully adding the template, navigate back to the lobby to find the "**Mass Creation of Bank Master**" template available for use.

Caution: Be sure to select the **Project Type** as "**Process Automation**" in the filters.

Configuration & Modification

Once you have added the content to your lobby, you will find the project in your project list. Adapt the content template based on your requirements, and then release and deploy from the Lobby.
In case any enhancement needs to be made then follow the reference links below.

Create an Automation

https://help.sap.com/docs/build-process-automation/sap-build-process-automation/create-automation-process-automation

Create a Business Process

https://help.sap.com/docs/build-process-automation/sap-build-process-automation/create-business-process

Create a Forms

https://help.sap.com/docs/build-process-automation/sap-build-process-automation/create-form

Create a Decision

https://help.sap.com/docs/build-process-automation/sap-build-process-automation/create-decision

Create a Datatype

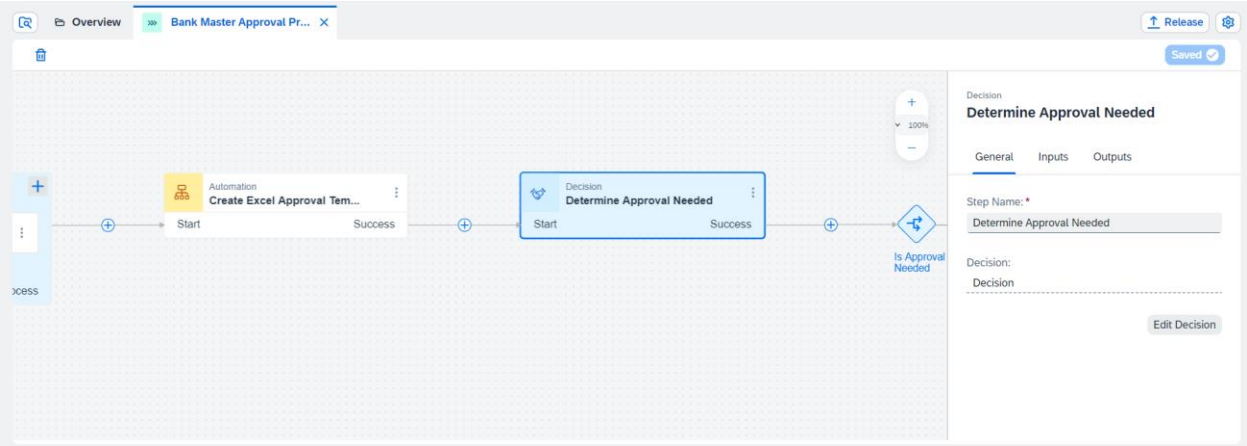
https://help.sap.com/docs/build-process-automation/sap-build-process-automation/create-data-type-process-automation

Configure Decisions

We have 3 decisions in this template. We can configure the rules as per our requirements.

Determine Approval Needed

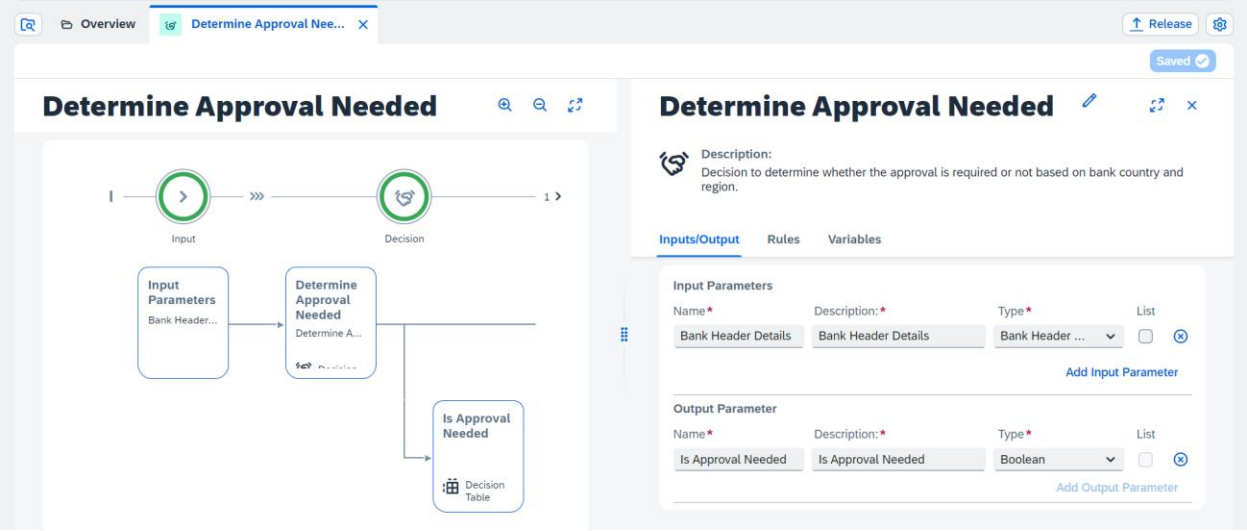
This decision is used to determine whether approval is required or not for the creation of bank master.



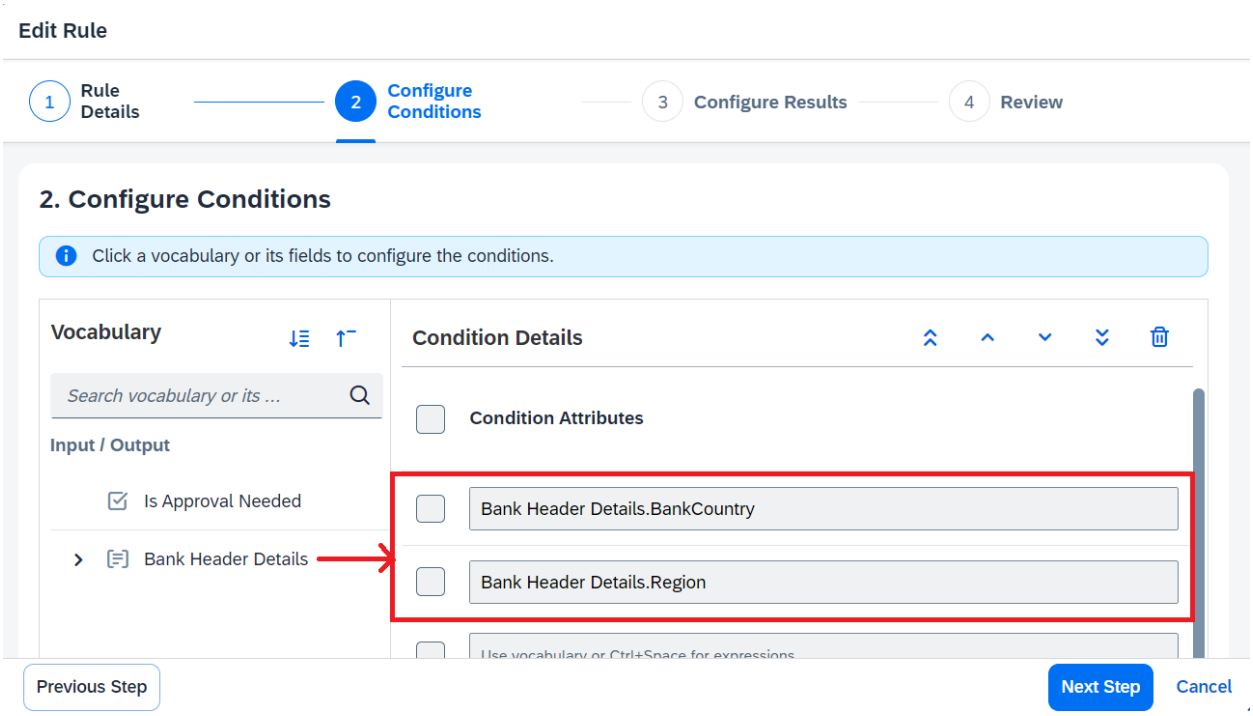
© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.

These decisions must be modified for conditions and result values based on your business policies and requirements. To modify the decision:

- In process editor, double click to open the Decision.
- Select the rule from the decision diagram.

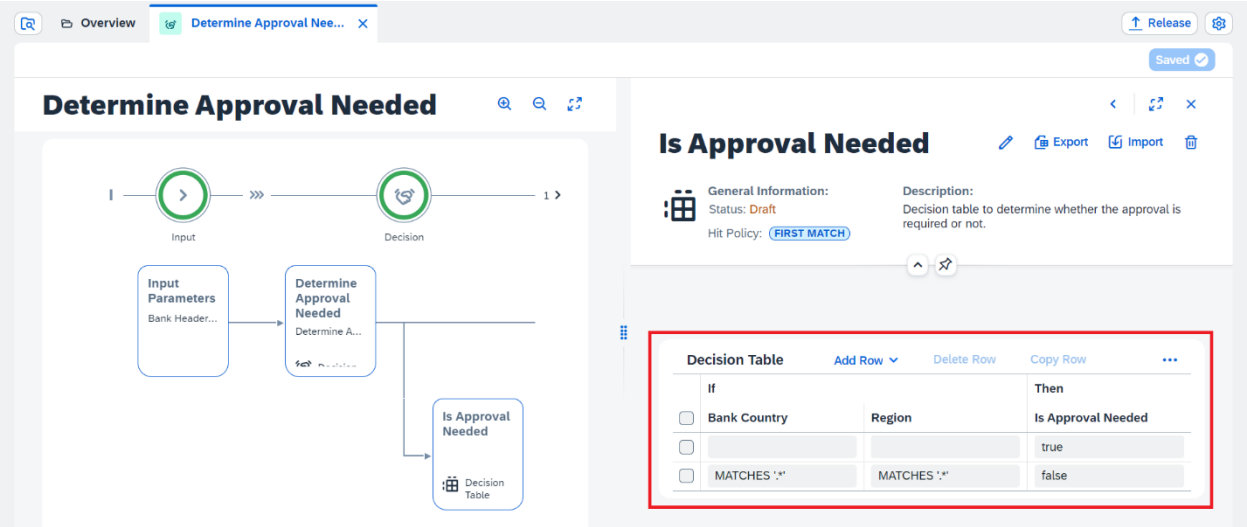


The attributes used in the decision rule can be selected as per requirement.



- Edit the rule to add more rows or update existing values.

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.



Determine Process Admin

This decision is used to maintain the details of the administrator (i.e., email id, group id, user id), who will assign the approver if approver is not maintained.

This decision can be selected from process “**Bank Master Approval Process by Determining Approver**” and these decisions must be modified for conditions and result values based on your business policies and requirements. To modify this decision, follow similar steps as those mentioned for Decision **Determine Approval Needed**.

Determine Approver

This decision is used to maintain the details of the approver (i.e., email id, group id, user id), who will review and make decision for goods receipt creation.

This decision can be selected from process “**Bank Master Approval Process by Determining Approver**” and these decisions must be modified for conditions and result values based on your business policies and requirements. To modify this decision, follow similar steps as those mentioned for Decision **Determine Approval Needed**.

Configure Destination Settings

Actual destinations that are created in SAP BTP cockpit will be required when you deploy the process. This actual destination will be mapped the destination environment variables during deployment.

For this package following destination needs to be configured in the SAP BTP cockpit:

- **S4HANA_CLOUD**
- **sap_process_automation_document_store**

Note: Above destination names have been configured in BTP but can be named as per the project requirement.

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.

To configure destination,

- Click on **Settings.**
- Select **Destinations** from the left panel.
- Click **New Destination**

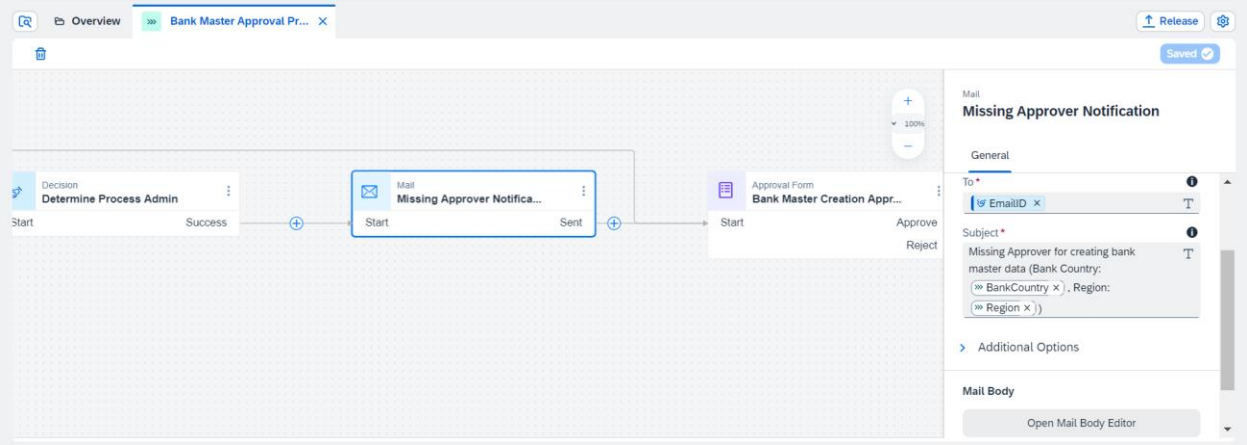
Select these destinations to be added (Created in the above section). For more information and screen shots, please refer to [this link] .

Configure Email

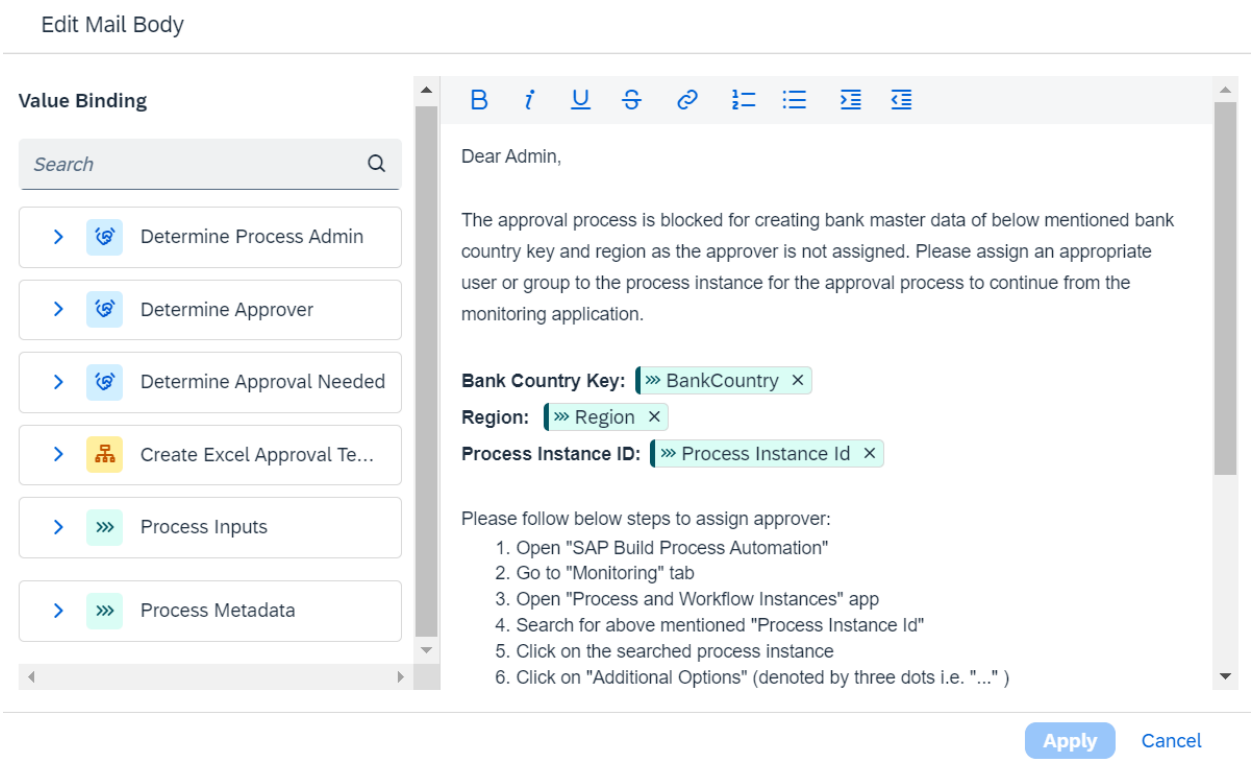
Email notifications are sent to requestor and approver at different places during process and task execution. All the email artefacts in the process have default template body which can be changed.

To update the email body content, do the following:

- Select the mail artefact in the process.
- From the **Settings** in the right-side panel, check the **Mail Header** to confirm the **To** field (or email recipients) and the **Subject**. You can adjust the subject and recipient, if needed.
- You may also add someone in **CC**.
- Click to '**Open Mail Body Editor'**.



© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.



- The mail editor allows you to write and adjust text according to your needs. You can also reuse information that has been collected during the process. If you want to use additional process context data, you can simply drag the fields from the left menu to the editor on the right.

For more information on email configuration and text, refer to this link

Release and Deploy the Process

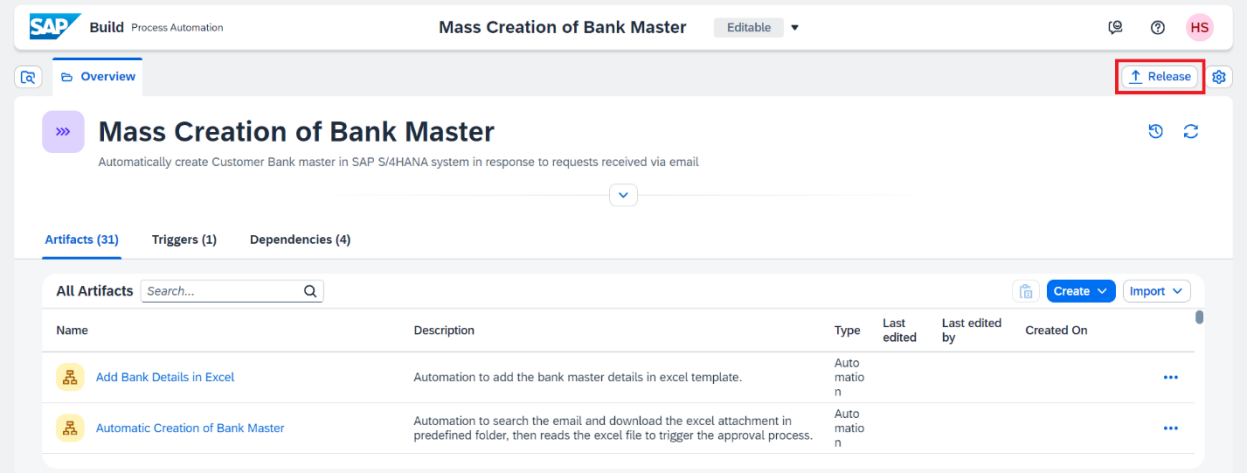
After configuring your process, it's time to publish, test and run it. To run a process, you must first release and deploy it.

Release - This locks the version of your process, meaning that no further edits can be made to that version. At this stage, the process can't be run and isn't available to participants yet.

To release a version of your process,

- First ensure that the status is listed as 'Editable'.
- Then click 'Release'.

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.

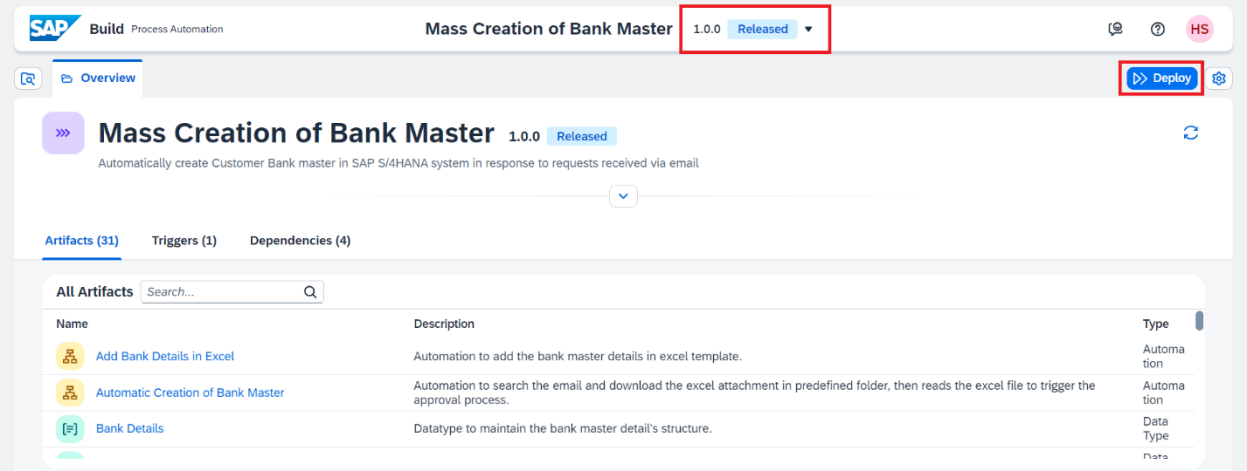


If this is the first time you've released the process, a version labelled 1.0.0 is released. For subsequent releases, you're prompted to select a version type before the process is released.

Deploy – This takes a released version of a process and enables it to be actively run and monitored. A deployed version of this approval process unlocks the request form, allowing participants to submit requests and the approvers to view items in their inbox.

To deploy a released version of your process,

- First ensure that the status is listed as 'Released'.
- Then click ''Deploy'.



To deploy your project, you will be prompted to provide a Destination as an environment variable. Select the destination from the drop-down and fill other environment variables as well.

- **S4HANA_Destination**: BTP Destination to connect with SAP S/4HANA system.
- **DMS_Destination**: BTP Destination to connect with SAP Document Management Service
- **DmsPath**: Folder path to place the files or folders in SAP Document Management Service
- **AttachmentDownloadPath**: Folder path to download the excel attachment from the email.
- **DownloadPath**: Folder path to download the excel template with bank details and log report.

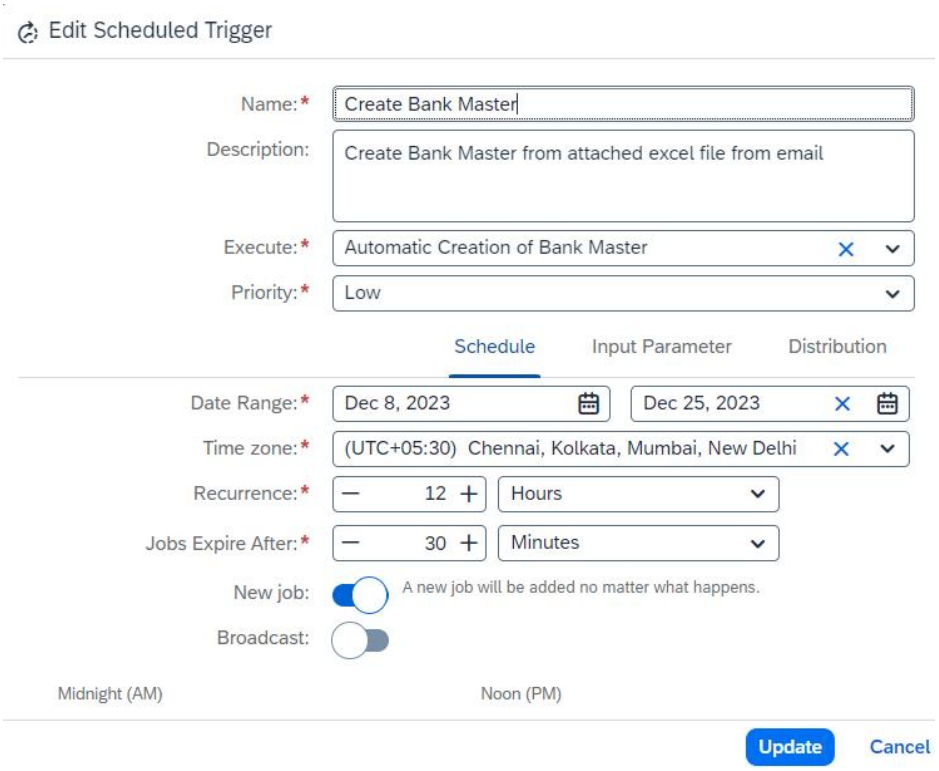
© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.

- **EmailAttachmentName**: Expected file name of bank master template attachment in email (including file extension)
- **EmailFolderProcessed**: Email folder for processed mails
- **EmailFolderTobeProcessed**: Email folder for mails to be processed.
- **EmailStartDate**: Start date for searching emails.
- **EmailSubject**: Email subject to search the email in outlook.

Note: If you do not map your destination environment variable with actual SAP BTP destination during deployment, then the process will enter erroneous state when it tries to connect to the external system.

Steps to add trigger for scheduled automation:

1. Go to Monitoring → Triggers
2. Click Add Trigger
3. Select the Project as **Mass Creation of Bank Master** and trigger type as Scheduled
4. Provide the Name for the scheduled automation
5. Select the automation **Automatic Creation of Bank Master** which you want to execute in scheduled time
6. Provide the date range and time zone to run the automation in selected date and time range
7. Provide recurrence to run the automation recurrently for the selected time range and job expire after will expire the job after the selected time



© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.

User Guide

Capabilities

The following are the capabilities of this template:

For detailed information about different artifacts, please refer help documentation.

Icon	Type	Name	Description
	Automation	Add Bank Details in Excel	Automation to add the bank master details in excel template.
	Automation	Automatic Creation of Bank Master	Automation to search the email and download the excel attachment in predefined folder, then reads the excel file to trigger the approval process.
	Automation	Bank Master Creation and Generate Log Report	Automation to create bank master in SAP S/4HANA then generate the log report and send it to the requestor via email.
	Automation	Create Bank Master	Automation to create bank master for the provided payload using action project.
	Automation	Create Excel Approval Template and Upload in DMS	Automation to create excel file to display the details of bank master to approver and upload it in document management service to display it in the approver form.
	Automation	Create Folder	Automation to create folder in the specified folder path.
	Automation	Create Folder in DMS	Automation to create a folder in document management service.
	Automation	Delete File in DMS	Automation to delete the files inside a particular folder in document management service.
	Automation	Delete Folder and File in DMS	Automation to delete the folder and file in document management service.
	Automation	Delete Folder in DMS	Automation to delete the folder in document management service.
	Automation	Fetch Bank Details	Automation to check existing bank master details based on region and bank country key from SAP S/4HANA system.
	Automation	Get Folder Content from DMS	Automation to get the folder content details from document management service.
	Automation	Group Bank Details	Automation to group the bank details from the excel based on the bank country and region, then it triggers the approval process.
	Automation	Move Excel to Processed Folder	Automation to move input excel template from to be processed folder to processed folder.
	Automation	Read Bank Details and Check Duplicate Data	Automation to read the bank details from the excel and check if the bank master already exists in SAP S/4HANA system then it will send email to requestor with those data in excel file, if there is no existing

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.

			bank master then it will be grouped to create those data in SAP S/4HANA system.
	Automation	Read Bank Details from Excel	Automation to read the bank master details from the excel file.
	Automation	Rejection Email to the Requestor	Automation to send email with attachment to the requestor when the approval is rejected.
	Automation	Search for Mail in Outlook	Automation to search for bank master related mails in outlook mailbox based on the subject and received date.
	Automation	Send Email to Requestor	Automation to send email to requestor with the excel template file attachment.
	Automation	Upload Document in DMS	Automation to upload the bank master input excel in document management service.
	Decisions	Determine Approval Needed	Decision to determine whether the approval is required or not based on bank country and region.
	Decisions	Determine Approver	Decision to determine who is the approver based on bank country and region.
	Decisions	Determine Process Admin	Decision to determine the administrator who will be assigning the approver when no approver is maintained.
	Form	Bank Master Creation Approval Form	Approval form for the approver to review and decide of bank master creation.
	Process	Bank Master Approval Process by Determining Approver	Process to get approver details from determine approver decision and to send bank master approval task to approver. After approval task the process triggers the automation to create bank master data.
	Data type	Bank Details	Datatype to maintain the bank master detail's structure.
	Data type	Bank Header Details	Datatype to maintain the bank master header detail's structure.
	Data type	DMS Object	Data type for maintaining document management service object details like object id, object name and object type.
	Data type	User Details	Datatype for maintaining approver or administrator details.
	File	Create Bank Master – Template.xlsx	Excel template to be used by automation to fill the bank master details.
	File	Create Bank Master - Log Report.xlsx	Excel template to be used by automation for generating the log report to fill bank master creation status.

Actions

Read, Create – Bank Master

This action is responsible to check the existing bank master in SAP S/4HANA system for the given query and create new bank master in SAP S/4HANA system for the provided payload.

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.

Automation

Automatic Creation of Bank Master

Automation to search email with subject (EmailSubject) and date (EmailDate) in folder (EmailFolderTobeProcessed) then it moves the mail to the folder (EmailFolderProcessed), then it downloads the excel attachment with attachment name (EmailAttachmentName) in “To Be Processed” folder which is placed in the path (AttachementDownloadPath) after reading the excel it moves to Processed folder which is placed in the path (AttachementDownloadPath)

Read Bank Details and Check Duplicate Data

Automation to read the bank details from the downloaded excel and check if the bank details already exist in SAP S/4HANA system. If it exists generate the excel with that data and send it to requestor via email. If not exists, that data will be generated in excel to send for the approval process.

Fetch Bank Details

Automation to check the existing bank master details in SAP S/4HANA.

API	API Path	Purpose
API_BANK	/sap/opu/odata4/sap/api_bank/srvd_a2x/sap/bank/0003/Bank ?$expand=_BankAddress&$filter=filterUrl	GET call to check the existing bank master

Group Bank Details

Automation to group the bank details from the generated non existing bank master data excel based on the bank country and region, then it triggers the approval process.

Create Excel Approval Template and Upload in DMS

Automation to create excel file with grouped bank data based on bank country and region to display the details to approver and upload it in document management service to display it in the approver form.

Bank Master Creation and Generate Log Report

Automation to create bank master in SAP S/4HANA system via action project then generate the log report and send it to the requestor.

Create Bank Master

Automation to create bank master in SAP S/4HANA system using action project. Also, updates the success and error messages in the final log report file which will be sent to the requestor.

API	API Path	Purpose
API_BANK	/sap/opu/odata4/sap/api_bank/srvd_a2x/sap/bank/0003/Bank	POST API call to create bank master

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.

Process

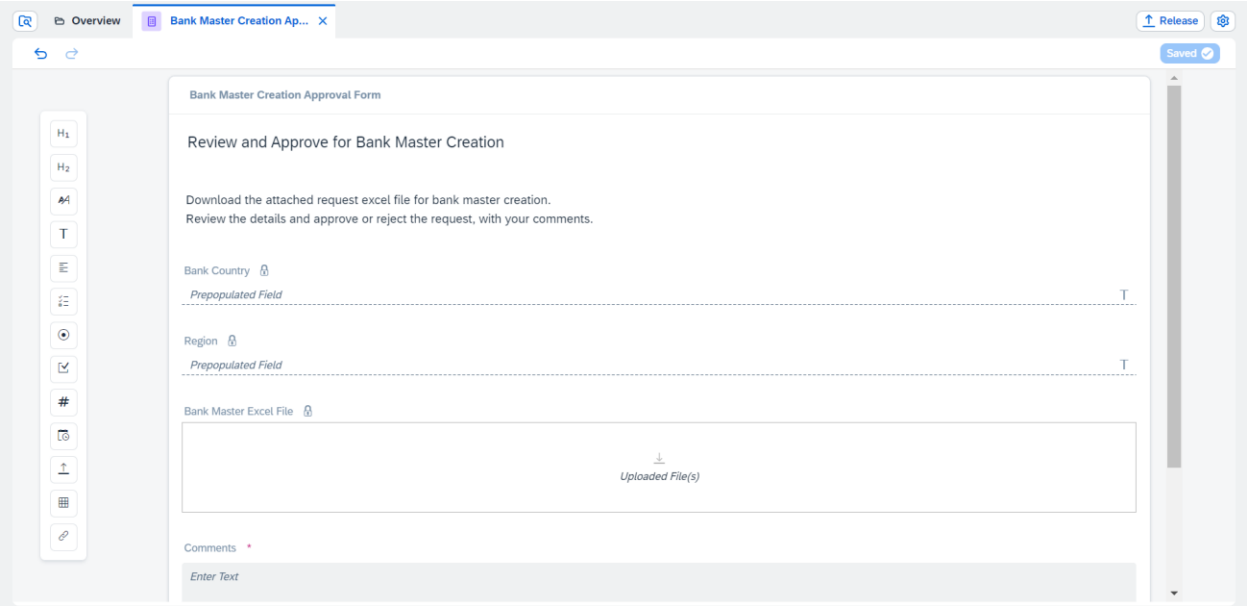
Bank Master Approval Process by Determining Approver

Process to get approver details from determine approver decision and to send bank master approval task to approver. After the approval task the process triggers the automation to create bank master in SAP S/4HANA system.

Forms

Bank Master Creation Approval Form

Approval form for approver to review and take decision on bank master creation process. The approval form layout used for approval is as shown below:



Support

There is no support available for template content. If you experience general issues with SAP Build Process Automation, raise an incident via SAP Support Portal on **BPI-PA-BPC** component.
This template can be modified using SAP Process Automation. For example: add business rules to determine the approver based on a certain business logic or add an action to post collected information to backend SAP system.

Refer Help Portal for more details.

www.sap.com

© 2023 SAP SE or an SAP affiliate company. All rights reserved. See Legal Notice on www.sap.com/legal-notice for use terms, disclaimers, disclosures, or restrictions related to SAP Materials for general audiences.