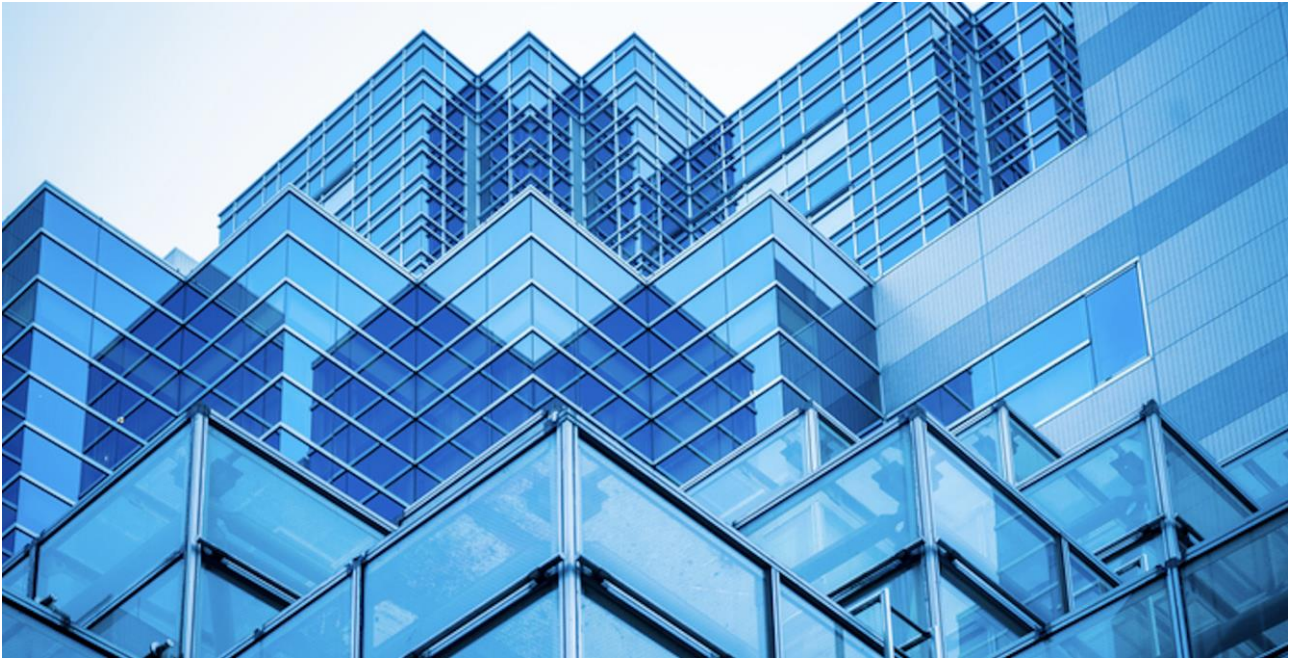




PUBLIC

SAP Build Process Automation

Urgent Payment Request Approval Configuration and User Guide

Contents

Overview	3
Required SAP Business Technology Platform Services.....	5
Prerequisites.....	5
Configuration Guide	5
Setup Business Technology Platform Cockpit.....	5
Configure SAP Build Process Automation Destination	5
Configure SAP S/4HANA Destination	6
Configure SAP Integration Suite Destination	6
User Roles Configuration	7
Cloud Connector Configuration.....	7
Setup Content Package	8
Import SAP Build Process Automation content.....	8
Import and deploy TASK UI application	8
Configuration & Modification	8
Configure Decisions.....	8
Configure Email	11
Create & Configure Process	12
Create & Configure Forms.....	12
Create & Configure Automation	12
Create & Configure Decision.....	12
Create & Configure Process Visibility Scenario.....	12
Release and Deploy the Process	12
Configure and Deploy Start UI.....	13
Configure SAP Work Zone	14
User Guides	14
Capabilities	14
SAP UI5 SCREEN	15
Appendix.....	16
Support.....	21

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

1. **Overview:** In this section, you will get quick overview of the use case, what are high-level components used and how the template works in nutshell. Prerequisite section provides information of different services of SAP Business Technology Platform that are required to use this template.
2. **Configuration Guide:** It contains sections which will guide you to setup your (a) SAP Business Technology Platform Account with destination, cloud connector, user roles etc.(b) SAPUI5 application via SAP Business Application Studio and (c) Import and configure the template using SAP Build Process Automation design studio and (d) Integration Content via SAP Integration Suite (e) 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.

Note:

- Learning contents are published only for demo and reference purposes. We do not provide any support to learning / sample content.
- This documentation is not a detailed guide to setup SAP Business Technology Platform services. It assumes that IT admin who is setting the content is skilled with SAP Business Technology Platform environment. **Configuration section must be followed.**
- 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, SAP Integration Suite, and its capabilities.

Overview

This document provides technical information about what needs to be configured to make the package – Urgent Payment Request Approval run. The main audience of this document are technical persons like IT Administrators or Developers. The document tells what needs to be done to make the solution run. It mainly focusses on technical configuration like destinations for example.

This use case deals with urgent payment request scenario, where there is a requirement for user from non-finance team to raise a payment request. Once the request is raised and approved, it is cascaded to a relevant finance team person along with the business data that is required information to trigger a free form payment to a vendor/customer. This workflow deals with approval required by the non-finance team persons.

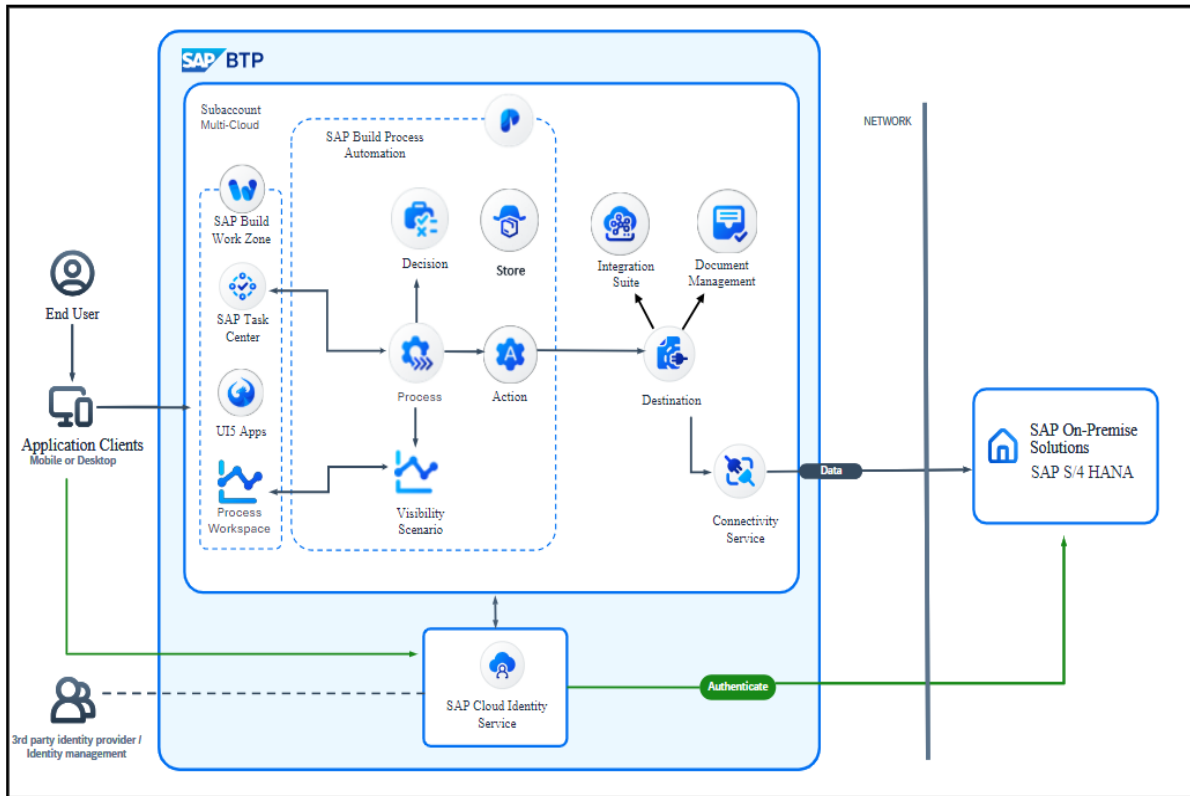
This content package can be used with both SAP S/4HANA Cloud Private Edition (2023 onwards) and SAP S/4HANA On-Premise

Features:

- Enables non-finance team members to submit urgent payment requests via a user-friendly interface.
- Supports multiple levels of approvals and notifications will be sent for every level of approval.
- Configure workflows with a low-code, no-code approach for easy customization.
- Add approvers before approving the payment request, ensuring compliance.
- Gain real-time visibility into key performance indicators for process efficiency.

- Out-of-the-box visibility into key process performance indicators

Process Flow Diagram



Solution flow :

1. Urgent payment request will be sent for approval from Start UI.
2. Project Manager will be first level of approver who will review each item and makes a decision on approval. If all items are approved, the process moves forward. If any item is rejected, it's sent back to the requester for revision.
3. Finance Controller will be second level of approver who will review each item and makes a decision on approval. If all items are approved, the process moves forward. If any item is rejected, it's sent back to the requester for revision.
4. Payment requests that have to be reworked are returned to the requester's "My Inbox," where the data can be updated based on the approver's comments. The requester can then either resubmit the task to restart the approval process with the updated data-at which point the task proceeds to the first-level approval or terminate the process, thereby ending the entire request for generating the Urgent Payment Request".
5. Accountant will serve as the final level of approver. The accountant should enter the Free Form Payment request number during approval which is available for the Customer/Vendor. If not available, a new Free Form Payment request must be created, and the generated number should be provided before submission.

Note:

- The process can be triggered via Start UI.
- My Inbox Application must be accessed through Work Zone.

Required SAP Business Technology Platform Services

The following SAP Business Technology Platform services are required to consume the **Urgent Payment Request Approval**:

- SAP Build Process Automation
- SAP Connectivity service
- SAP Business Application Studio
- SAP Application Runtime Service
- SAP Work Zone, standard or advanced
- SAP Cloud Identity Services - Identity Authentication (optional)

Prerequisites

For this template to run successfully the following prerequisites are needed

- Get access to BTP Account.
- Need valid SAP S/4HANA user.
- This template requires Integration package 'SAP Build Process Automation Integration with SAP S/4 HANA for Urgent Payment Request Approval' to run. You can download this package separately from the store. The guide to set-up and configure integration package is mentioned along with the integration package itself.

Configuration Guide

Urgent Payment Request Approval template requires SAP Build Process Automation subscription and Destination Setup for SAP Build Process Automation. Follow the [setup and configuration section](#).

Setup Business Technology Platform Cockpit

Configure SAP Build Process Automation Destination

To Access the SAP Build process Automation, you can configure the destination. Please create destination accordingly

Destination Property	Value
Name	sap_process_automation_service
Type	HTTP
URL	<"endpoints"."api">
Client ID	<"uaa"."clientid">
Client Secret	<"uaa"."clientsecret">
Token Service URL	<"uaa"."url">/oauth/token
Proxy Type Internet	Internet

Authentication	OAuth2ClientCredentials
----------------	-------------------------

Add the property **sap.processautomation.enabled** as **true** to view the destination in the SAP Build Process Automation tenant. Please refer [help document](#) for more details.

Configure SAP S/4HANA Destination

This content package can be used with SAP S/4HANA On-Premise. Destination can be created accordingly.

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

Configure SAP Integration Suite Destination

Configure Destination to connect to Integration Suite destination cloud system.

Destination Property	Value
Name	IntegrationSuite
Type	HTTP
URL	<Integration Suite Destination endpoint> https://<cpi>.hana.ondemand.com
Proxy Type Internet	Internet
Authentication	Basic Authentication
Username	<Username> of the SAP S/4HANA Communication User
Password	<Password> of the SAP S/4HANA Communication User

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 Business Technology Platform Account.

Configuring destination, [Configure 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
TaskCenterAdmin	Permission to execute calls to the connector status API and monitor configured destinations and running background jobs.
Process Automation Developer	Standard Business User, can model and publish processes
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.
Business_Application_Studio_Administrator	Allows administrators to manage (export and delete) user data.
Business_Application_Studio_Developer	Allows developers to load and develop applications using SAP Business Application Studio.

For more information about SAP Build Process Automation roles, see [Authorizations](#).

Cloud Connector Configuration

For SAP S/4HANA on-premises landscape, configure cloud connector to enable secure tunnel to SAP Business Technology Platform tenant. Please refer the help documentation to [configure Cloud Connector](#).

Services/Resources that need to be exposed from SAP S/4HANA on-premises using Cloud Connector.

Resources	Protocol	Backend-Type
/sap/opu/odata/sap/API_COMPANYCODE_SRV	OData	SAP S/4HANA
/sap/opu/odata/sap/API_BANKDETAIL_SRV	OData	SAP S/4HANA
/sap/opu/odata/sap/API_COUNTRY_SRV	OData	SAP S/4HANA
/sap/opu/odata/sap/FAP_PROCESS_FF_PAYMENTS_SRV	OData	SAP S/4HANA
/sap/opu/odata/sap/ZZ1_SUPPLIERCOMPANY_CDS	OData	SAP S/4HANA
/sap/opu/odata/sap/ZZ1_CUSTOMERCOMPANY_CDS	OData	SAP S/4HANA
/sap/opu/odata/sap/ZZ1_SUPLRBANKDETAILSBYINTI_CDS	OData	SAP S/4HANA
BAPI_CUSTOMER_GETDETAIL2	BAPI/RFC	SAP S/4HANA
ZWF_FM_HR_MASTER_GET_APPR_MULT	BAPI/RFC	SAP S/4HANA

Setup Content Package

Import SAP Build Process Automation content

Standard automation packages released by SAP will be available at the store .To know more about the store visit [SAP Build Process Automation Store](#)

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 “Business Process.”
3. In the Search bar type “**Urgent Payment Request Approval**”
4. Select the “Create from Template” button to add the template into your lobby.
5. After successfully adding the template, navigate back to the lobby to find the “**Urgent Payment Request Approval**” template available for use.

Caution: Be sure to select the **Project Type** as “**Business Process**” in the filters.

Import and deploy TASK UI application

The content package requires the SAP UI5 user interface which is available in Urgent Payment Request Approval Process content package. Below are details of Task UI application:

Task UI Application: UrgentPaymentRequestTaskUI

Following steps can be followed to utilize the SAP UI5 application provided with this process package:

- Download the SAPUI5 application Task UI from the imported store project.
- Open Business Application Studio and import the previously downloaded SAPUI5 project.
- Build SAPUI5 project using mta.yaml file and the generated project (generated mtar file will be available in the mta_archives folder) file can be deployed.

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.

Configure Decisions

There are 4 decisions in this template. We can configure as required.

1. Determine Approvers

Decision used in the approval process step to identify the potential approvers based on the urgent payment request details. To modify the decision:

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

Determine Approvers

Description: Decision used in the approval process step to identify the potential approvers based on the urgent payment request details.

Inputs/Output Rules Variables

Input Parameters

Name *	Description *	Type *	List
Approval Step	Data type for approval step	String	☐
Urgent Payment Request Details	Data type for urgent payment request details	urgentPaymentRequestD...	☐

[Add Input Parameter](#)

Output Parameter

Name *	Description *	Type *	List
Approver Details	Data type for approver details	Approver Details	☐

[Add Output Parameter](#)

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

Determine Approvers

General Information:
Status: Draft
Hit Policy: FIRST MATCH

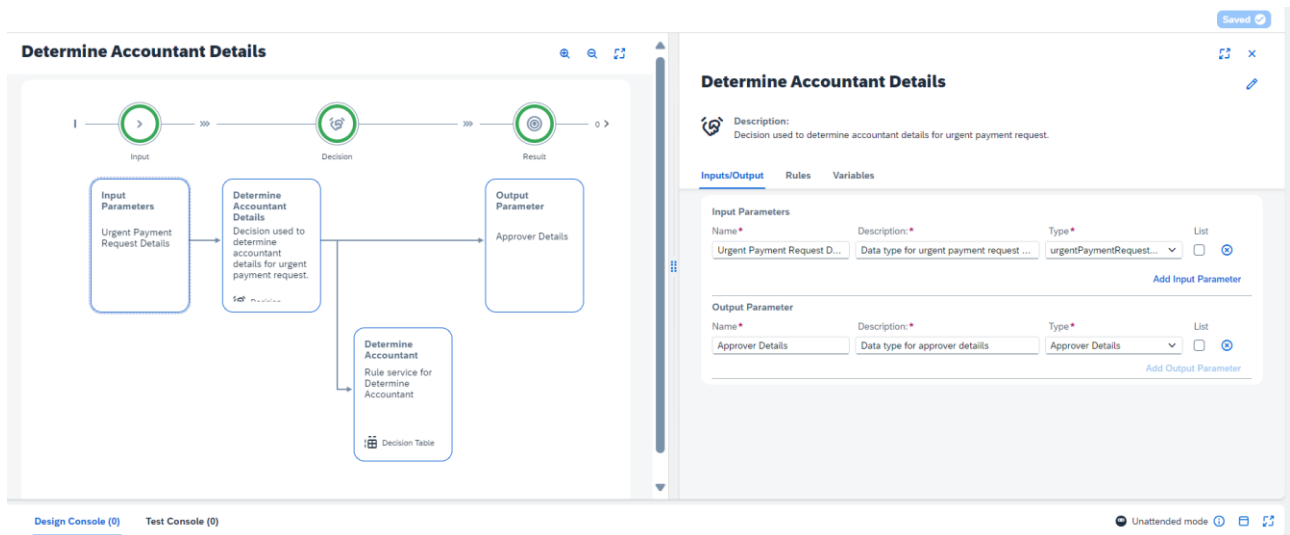
Description:
Rule Service for Determine Approvers

Decision Table

If	Then
<div> <div>vendor</div> <div>account</div> <div>customer</div> <div>amount</div> <div>currency</div> <div>companyCode</div> </div>	<div>email</div> <div>userGroup</div> <div>userId</div>

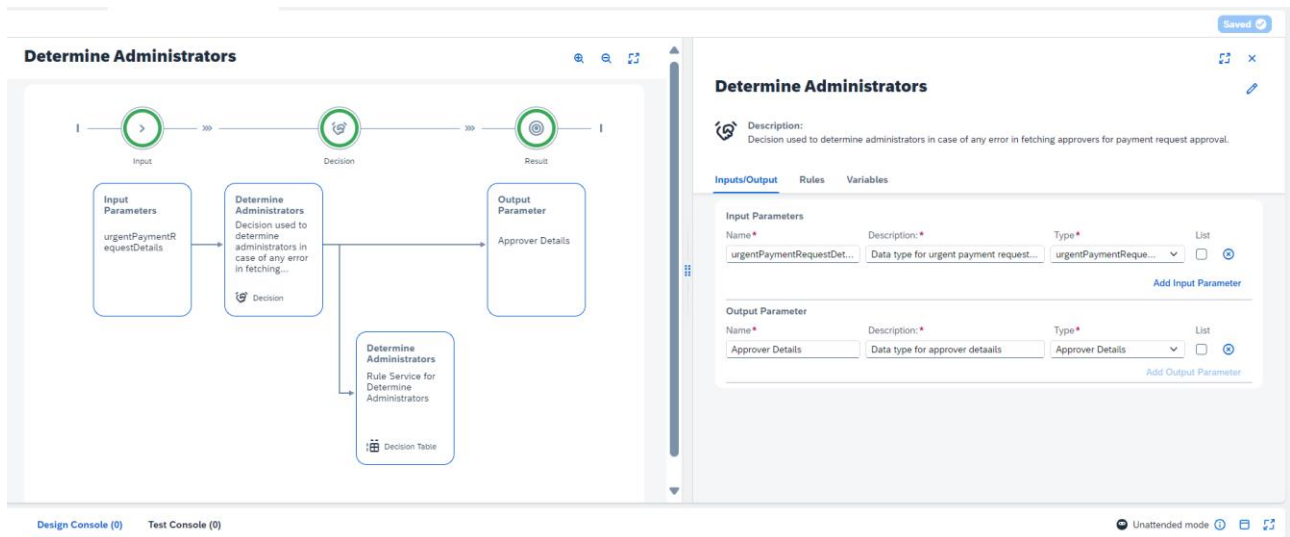
2. Determine Accountant Details

Decision used to determine accountant details for urgent payment request.



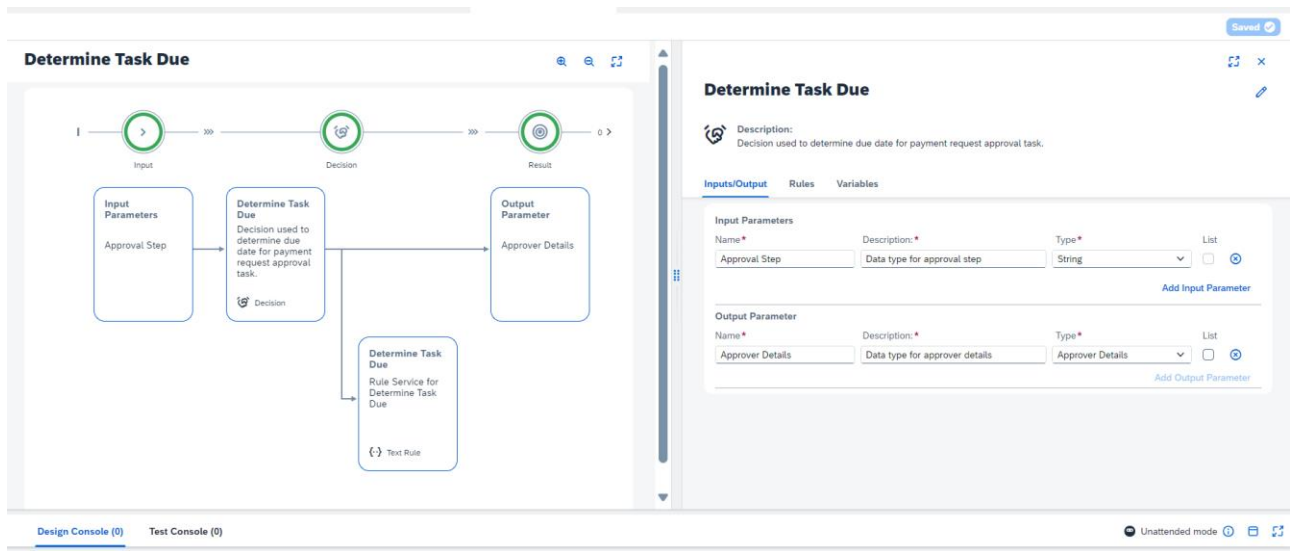
3. Determine Administrators

Decision used to determine administrators in case of any error in fetching approvers for payment request approval.



4. Determine Task Due

Decision used to determine due date for payment request approval task.



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 modified.

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**'.

Mail Body

Dear Approver,
Please note that there is a task pending in My Inbox App which needs your attention.
Approval for Urgent Payment Request headerKey available for action.

Details are below,
Key: headerKey
Company Code: companyCode
Document Date: documentDate
Account: account
Account Value: accountValue
Account Name Value: accountNameValue
Amount: amount
Reference: reference
Bank Country: bankCountry
Bank Key: bankKey
Bank Name: bankName
Bank Account: bankAccount
Remarks: remarks

Thank You.
This is an autogenerated mail. Please DO NOT reply to this mail.

Close

- 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](#)

In case any further extension needs to be made then follow the reference links below.

Create & Configure Process

[Create a Business Process | SAP Help Portal](#)

Create & Configure Forms

[Create a Form | SAP Help Portal](#)

Create & Configure Automation

[Create an Automation | SAP Help Portal](#)

Create & Configure Decision

[Create a Decision | SAP Help Portal](#)

Create & Configure Process Visibility Scenario

[Create a Visibility Scenario | SAP Help Portal](#)

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**'.

For more information please visit: [SAP Build Process Automation](#)

Note: 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.

Import Destination

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

To configure destination,

- Click on **Control Tower**.
- Select **Destinations** from the right panel.
- Click **Add**

Select the destinations created in the setup section to be added.

For more information and screen shots, please refer to the below link: [Manage Destinations](#)

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**'.

For more information and screen shots, please refer to the below link: [Deploy Project](#)

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.

- **IntegrationSuite**: Business Technology Platform destination to connect with IntegrationSuite APIs.
- **S/4HANA**: Business Technology Platform destination to connect with SAP S/4HANA system. As shown in SAP S/4 Hana destination set-up-section.

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

Configure and Deploy Start UI

The content package requires the SAP UI5 user interface which is available in Urgent Payment Request Approval content package. Below are details of Start UI application

Start UI Application: Urgent-Payment-Request-start_ui

Following steps can be followed to utilize the SAP UI5 application provided with this process package:

- Download the SAPUI5 application Start UI from the imported store project.
- Open Business Application Studio and import the previously downloaded SAPUI5 project.
- The definition id of the process can be found in the Monitoring section, inside 'Process and Workflow Definitions'. You need to enter the project name and go to the main process. The ID mentioned in the process would be the definition id. Refer [determine the workflow definition ID](#) for more details
- This definition id must be updated in Start UI application. It will be maintained either in the i18n file or controller.js file. Please refer below screenshot

```
startWorkflowInstance: function (oDetails) {  
    var that = this;  
    var data = {  
        definitionId: ,  
        context: { "urgentPaymentRequestDetails": oDetails },  
    };  
};
```

- Build SAPUI5 project using mta.yaml file & the generated project (generated mtar file will be available in the mta_archieves folder) file can be deployed.

Configure SAP Work Zone

Configure SAP Work Zone to access the start UI for this automation.

Once SAP Work zone is configured, perform the following steps to create the tile for the start UI:

1. Open content manager and click on the HTML5 Apps.
2. Select the Urgent Payment Request Start UI from the list of apps and choose Add.
3. Add the relevant roles to the user. Urgent Payment Request Start UI will be available to the user as a tile in the SAP Work Zone.

If you plan to use SAP Work Zone service, then configure [SAP Work Zone with SAP Build Process Automation Applications](#) using help documentation.

User Guides

Capabilities

The following are the capabilities of this template:

For detailed information about different artifacts, please refer [help documentation](#)

Type	Name	Description
Decision	Determine Approvers	Decision used in the approval process step to identify the potential approvers based on the urgent payment request details.
Decision	Determine Accountant Details	Decision used to determine accountant details for urgent payment request.
Decision	Determine Administrators	Decision used to determine administrators in case of any error in fetching approvers for payment request approval.
Decision	Determine Task Due	Decision used to determine due date for payment request approval task.
Form	Administrator Action	Approval form for administrator action to assign processor or retry.
Form	Task UI	Task UI for urgent payment request approval process
Process	Approval	Process to determine approvers and approve urgent payment request details.
Process	Release Payment	Process to determine accountant and release the urgent payment request.

Process	Urgent Payment Request Approval Process	Process to approve urgent payment request.
Data type	urgentPaymentRequestDetails	Data type to store urgent payment request details
Data type	headerInfo	Data type to store urgent payment request details header info
Data type	Approver Details	Data type for approver details like user id, email and due duration of approval task.
Data type	History	Data type to store history details like action, role, userId etc.
Data type	Internal	Data type to store values for internal use only

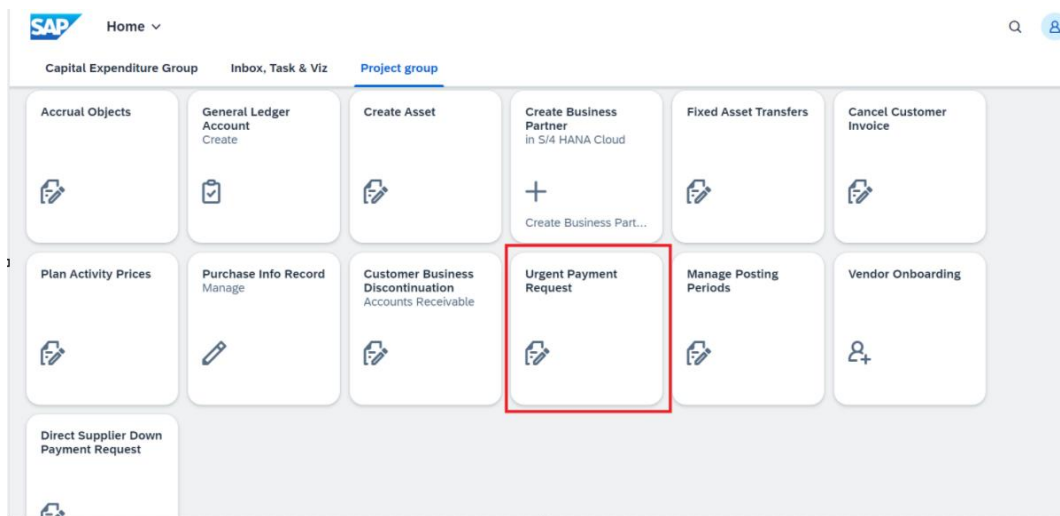
SAP UI5 SCREEN

This is the starting point for the Urgent Payment Request Approval and values must be entered here to trigger the process.

The tile name that must be chosen in the Work Zone is: **'Urgent Payment Request'**.

Once navigated to the tile, you can display the screen urgent payment request.

1. Access app Urgent Payment Request



2. User can enter data in Header Screen and add attachments

< **SAP** Urgent Payment Request ▾

Header Attachments

Company Code* 4001 Document Date* Dec 9, 2024 Reference* 12345

Payee Details

Account: Vendor
 Vendor* 10001 LP Vendor 01 (Aloha LOLA & CO)
 Bank Account* 1000000001
 Bank Key: 9002 (CITI Bank Dallas)
 Bank Country: US (USA)

Payment Data

Amount* 1000
 Currency* USD

Remarks

Please Approve

Submit

Here we have 11 fields in Header Section:

- Company Code (Mandatory)** - the legal entity for processing urgent payments
- Document Date (Mandatory)** - the date when the urgent payment request is recorded
- Reference (Mandatory)** - provides a unique identifier or additional information for tracking an urgent payment request
- Account** - the financial account used for processing
- Vendor (Mandatory)** - Vendor Number
- Bank Account (Mandatory)** - Bank Account number of the Vendor/Customer.
- Bank key** - uniquely identifies the bank where the urgent payment is to be processed.
- Bank Country** - the country of the bank handling the payment
- Amount (Mandatory)** - the total sum to be paid
- Currency (Mandatory)** - the type of currency used
- Remarks** - additional details or notes related to an urgent payment request

Once all the mandatory/required details are filled, click on the Submit button in SAP UI5 screen to start the process. At this point, Urgent Payment request number gets generated and workflow is triggered.

Appendix

Perform the below mentioned steps for implementation of custom ABAP objects

To get the list of F4 Help Values from SAP S/4HANA, we are going to create a Custom CDS Views.

Create Custom CDS Views (using In-App Extensibility)

Pre-requisite

You have the necessary tools and rights to create Custom Core Data Service Views. Please refer to the following - [SAP HANA Core Data Services \(CDS\) Reference](#)

Source Name: I_SupplierCompany

Steps:

1. Create a Custom CDS View with the Name ZZ1_SupplierCompany (CDS Name is casesensitive) and Label "SupplierCompany".
2. Select Scenario "External API"

3. Choose Add > Add Primary Data Source.
4. Choose the data source with the name “I_SupplierCompany”.
5. Choose Save Draft.
6. Choose Elements tab
7. Select the fields as listed in below screenshot (Click on Add -> Elements if the fields are not selected by default)

Key	Alias	Type	Path	Label
Yes	Supplier	CHAR (10)	I_SupplierCompany.Supplier	Vendor
Yes	CompanyCode	CHAR (4)	I_SupplierCompany.CompanyCode	Company Code
No	SupplierFullName	CHAR (220)	I_SupplierCompany._Supplier.SupplierFullName	Supplier Name
No	SupplierName	CHAR(80)	I_SupplierCompany._Supplier.SupplierName	Name of Supplier

8. Choose Publish.

Similarly, repeat steps 1-8 for the below listed CDS views.

Customer Value Help URL –

{S4HANA}/sap/opu/odata/sap/ZZ1_CUSTOMERCOMPANY_CDS/ZZ1_CustomerCompany

Data Source Name: I_CustomerCompany

Key	Alias	Type	Path	Label
Yes	Customer	CHAR (10)	I_CustomerCompany.Customer	Customer
Yes	CompanyCode	CHAR (4)	I_CustomerCompany.CompanyCode	Company Code
No	CustomerFullName	CHAR (220)	I_CustomerCompany._Customer.CustomerFullName	Customer Name
No	CustomerName	CHAR(80)	I_CustomerCompany._Customer.CustomerName	Name of Customer

Supplier Bank Details Value Help URL –

{S4HANA}/sap/opu/odata/sap/ZZ1_SUPLRBANKDETAILSBYINTI_CDS/ZZ1_SuplrBankDetailsByIntId

Data Source Name: I_SuplrBankDetailsByIntId

Yes	Supplier	CHAR (10)	I_SuplrBankDetailsByIntId.Supplier	Vendor
Yes	BPBankAccountInternalID	CHAR (4)	I_SuplrBankDetailsByIntId.BPBankAccountInternalID	Part.bank type
No	Bank	CHAR (15)	I_SuplrBankDetailsByIntId.Bank	Bank Key
No	BankAccount	CHAR (18)	I_SuplrBankDetailsByIntId.BankAccount	Bank Account
No	BankAccountHolderName	CHAR (60)	I_SuplrBankDetailsByIntId.BankAccountHolderName	Account holder
No	BankCountry	CHAR (3)	I_SuplrBankDetailsByIntId.BankCountry	Bank Country
No	BankName	CHAR (60)	I_SuplrBankDetailsByIntId._Bank.BankName	Bank name

Register OData Services in SAP Gateway

Steps:

8. Go to t-code “/IWFND/MAINT_SERVICE”
9. Click on “Add Service”
10. Select the required System Alias
11. Enter Technical Service Name as “ZZ1_SUPPLIERCOMPANY_CDS” and click on “Get Services”

12. Select “ZZ1_ SUPPLIERCOMPANY_CDS” and click on “Add Selected Services”
13. Enter the required package and click on OK
 - Repeat steps 1 to 6 for Technical Services listed below
 - ZZ1_ CUSTOMERCOMPANY_CDS
 - ZZ1_ SUPLRBANKDETAILSBYINTI_CDS

Creating Function Group

1) ZWF_FG_UTIL_BTPWF

Steps:

1. Go to t-code “SE37”
2. In Menu, select Go to -> Function Groups -> Create Group
3. Enter Function Group name as “ZWF_FG_UTIL_BTPWF” and enter a meaningful Short Text (Select the required package name to save this object)
4. Go to t-code “SE80”
5. Select “Function Group” from dropdown
6. Enter “ZWF_FG_UTIL_BTPWF” as the name of function group and click on Display button
7. Click on Save
8. Right click on the Function Group “ZWF_FG_UTIL_BTPWF” on the left side panel and “Click on Activate” (Click OK button on the pop-up which shows list of inactive objects)

Creating Function Modules

1) ZWF_FM_HR_MASTER_GET_APPR_MULT

Steps:

1. Go to t-code “SE37”
2. Click on “Create” button
3. Enter “ZWF_FM_HR_MASTER_GET_APPR_MULT” as name of Function Module
4. Enter “ZWF_FG_UTIL_BTPWF” as Function Group
5. Enter a meaningful short text
6. Click on “Save” (Click on OK in successive pop-ups)
7. Go to “Import” tab and enter the below mentioned entries Parameter Name : I_INPUT Associated Type: ZWF_IP_APPR_T Pass By Value : Selected
8. Go to “Export” tab and create the below entries: Parameter Name : E_OUTPUT Associated Type: ZWF_APPR_DET_MUL_T Pass By Value : Selected Parameter Name : E_STATUS Associated Type: BAPI_MTYPE Pass By Value : Selected
9. Go to “Source Code” tab and paste the attached code for “ZWF_FM_HR_MASTER_GET_APPR_MULT” from **SAP Note 3169386**
10. Go to “Attributes” tab and select radio button for “Remote-Enabled”
11. Click on “Save”
12. Click on “Activate” (Click OK button on the pop-up which shows list of inactive objects)

Note: The details of required “Associated Type” (Table Type) used in the Tables tab are mentioned below:

Function Builder: Display ZWF_FM_HR_MASTER_GET_APPR_MULT

Function module: ZWF_FM_HR_MASTER_GET_APPR_MULT Active

Attributes **Import** Export Changing Tables Exceptions Source code

Parameter Name	Typing	Associated Type	Default value	Opti...	Pass...	Short text	Long...
I_INPUT	TYPE	ZWF_IP_APPR_T		☐	☒	Table Type for input of data to get approver det...	

< 

Function Builder: Display ZWF_FM_HR_MASTER_GET_APPR_MULT

▼



More ▼

Function module:

ZWF_FM_HR_MASTER_GET_APPR_MULT

Active

AttributesImportExportChangingTablesExceptionsSource code



Parameter Name	Typing	Associated Type	Pass by Val...	Short text	Long Text
E_OUTPUT	TYPE	ZWF_APPR_DET_MUL_T	☒	Structure for Approver details	<div></div>
E_STATUS	TYPE	BAPI_MTYPE	☒	Message type: S Success, E Error, W Warning, I...	<div></div>
			☐		<div></div>

Table Type: ZWF_IP_APPR_T

< 

Dictionary: Display Table Type

▼



Hierarchy DisplayMore ▼

Table Type:

ZWF_IP_APPR_T

Active

Short text:

Table Type for input of data to get approver details

AttributesLine TypeInitialization and AccessPrimary KeySecondary Key

☒ Line Type

ZWF_IP_APPR

☐ Built-in type

Data Type:

No. of Characters:

0

Decimal Places:

0

☐ Reference type

☐ Referenced type

☐ Reference to built-in type

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Structure: ZWF_IP_APPR

<

SAP

Dictionary: Display Structure

▼

←

Hierarchy Display

Append Structure...

More ▼

Structure: ZWF_IP_APPR Active

Short Description: Structure to input data to get approver details

Attributes

Components

Input Help/Check

Currency/quantity fields

Built-In Type

1 / 2

	Component	Typing Method	Component Type	Data Type	Length	Decimal...	Coordinate	Short Description
☐	COMPANYCODE	Types	▼ BUKRS	CHAR	4	0		0 Company Code
☐	POSITION	Types	▼ PLANS	NUMC	8	0		0 Position

Table Type: ZWF_APPR_DET_MUL_T

<

SAP

Dictionary: Display Table Type

←

Hierarchy Display

More ▾

Table Type:

ZWF_APPR_DET_MUL_T

Active

Short text:

Structure for Approver details

Attributes

Line Type

Initialization and Access

Primary Key

Secondary Key

☒ Line Type

ZWF_APPR_DET_MUL

☐ Built-in type

Data Type:

No. of Characters:

0

Decimal Places:

0

☐ Reference type

☐ Referred type

☐ Reference to built-in type

Structure: ZWF_APPR_DET_MUL

SAP

Dictionary: Display Structure

Hierarchy Display Append Structure... More ▾

Structure: Active

Short Description:

Attributes Components Input Help/Check Currency/quantity fields

Component	Typing Method	Component Type	Data Type	Length	Decimal Places	Coordinate	Short Description
☐ USER_ID	Types	▼ SYSID	CHAR	30	0		@Communication Identification/Number
☐ ENAME	Types	▼ EMNAM	CHAR	40	0		@Formatted Name of Employee or Applicant
☐ EMAIL_ID	Types	▼ COMM_ID_LONG	CHAR	241	0		@Communication: Long Identification/Number
☐ BUKRS	Types	▼ BUKRS	CHAR	4	0		@Company Code
☐ PLANS	Types	▼ PLANS	NUMC	8	0		@Position

Support

There is no support available for template content. If you experience general issues with SAP Build Process Automation, please follow the links below:

- [Troubleshoot Support Guided Answer](#)
- [Test an Automation Help portal Article](#)
- [Test an Application Help portal Article](#)
- [Get traces Support Guided Answer](#)

If the issue persists, please raise an incident via SAP Support Portal on **BPI-PA-BPC** component.

This template can be modified using SAP Process Automation. For example: add decisions 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.

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