

SAP BUSINESS TECHNOLOGY PLATFORM | EXTERNAL

Setup Guide

Accrual Object Creation Approval using SAP Workflow Management or SAP Build Process Automation

Table of Contents

Table of Contents	2
Overview.....	3
Features	3
Solution Diagram.....	3
Required SAP BTP Services	4
Setup and Configuration	5
Configure SAP Build Process Automation.....	5
Configure Process Automation Destination.....	5
Configure SMTP Mail Destination	5
Configure OAuth2ClientCredentials SAP Build Process Automation Destination (Service Instance).....	5
Configure OAuth2UserTokenExchange Destination	6
Configure SAP Workflow Management.....	7
Configure Workflow Email Destination	7
Configure OAuth2ClientCredentials Workflow Destination	7
Configure OAuth2ClientCredentials Business Rules Destination	8
Configure Destination to Enable Start & Step Conditions	8
Configure OAuth2 Client Credentials Workflow Destination (Service Instance)	8
Configure Cloud Integration Destination	10
Additional properties will remain the same between authentication methods.	10
Configure RFC Destination.....	10
Configure APIs in SAP S/4HANA	11
Create and Configure the Core Data Services to populate the Value Helps	12
Configure RFC Destination.....	13
Configure Cloud Connector	15
Import, configure and deploy cloud integration content	16
Appendix.....	17

Overview

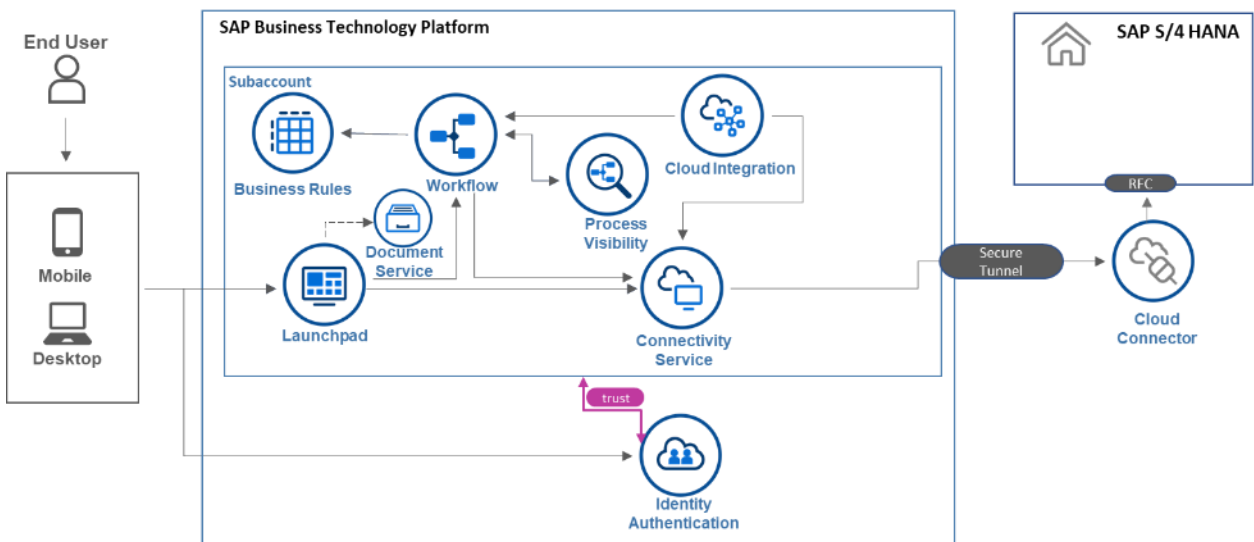
This document provides information about setting up the SAP Business Technology Platform account to consume the workflow content package **Accrual Object Creation Approval**. The main audience of this document are technical IT/system administrators.

Organizations procure a wide variety of consumables, goods and services to run their day-to-day operations. On delivery, invoicing and payment for the products or services rendered can pose quite a challenge. Some of the challenges arise from invoices being delayed or if advances had been paid – for example, insurance payments and subscriptions. Finance has the legal obligation to accrue or defer these service and consumable costs as well as advance payments at month-end or quarter-end.

Features

- Plug and Play with SAP S/4HANA without additional development.
- New Process variants can be configured in a no-code approach.
- Agent/approver determination using Business Rules or external service.
- Pre-built integration content to call SAP S/4HANA from SAP Workflow Management or SAP Build Process Automation.
- Out-of-the-box visibility into key process performance indicators.

Solution Diagram



Required SAP BTP Services

The workflow content package **Accrual Object Creation Approval** is intended to be used for SAP S/4HANA and requires the following services in SAP BTP:

- SAP Build Process Automation or SAP Workflow Management to orchestrate the process.
- SAP Integration Suite for data activities with SAP S/4HANA
- SAP Connectivity service (cloud connector) to establish access to SAP S/4HANA.
- SAP Launchpad service to access the apps that are involved in the process.
- SAP Business Application Studio to modify/deploy the SAPUI5 applications.
- SAP BTP, Cloud Foundry runtime.
- SAP Cloud Identity Services (Optional)

Setup and Configuration

Accrual Object Creation Approval content package requires SAP Build Process Automation or 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 SAP Workflow Management Destinations](#)
 - 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 SMTP Mail Destination

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

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>.

Configure OAuth2UserTokenExchange Destination

Configure a destination with the following parameters:

Name	sap_process_automation_workflow_useraction
Type	HTTP
Proxy Type	Internet
Authentication	OAuth2UserTokenExchange
URL	<"endpoints"."api">
Client ID	<"uaa"."clientis">

Client Secret	<"uaa":"clientsecret">
Token Service URL	<"uaa":"url">/oauth/token
Additional Properties:	Name: bpmprocessvisibility.triggerWorkflow Value: user

Please refer help documentation [how to get URL, Client ID, Client Secret and Token Service URL](#). For more information refer to how to [create a HTTP destination](#).

Configure SAP Workflow Management

Accrual Object Creation Approval content package requires SAP Workflow Management subscription or a CPEA contract. Follow the setup and configuration section of SAP Workflow Management.

<https://help.sap.com/viewer/6f55baaf330443bd8132d071581bbae6/Cloud/en-US/d7910e2bf7f64afc9d0eb21b0cc9e84d.html>

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
- WORKFLOW_INSTANCE_CANCEL

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 OAuth2ClientCredentials Workflow Destination

A HTTP destination is required in the 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

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_START
- WORKFLOW_INSTANCE_UPDATE_CONTEXT
- WORKFLOW_INSTANCE_GET
- MESSAGE_SEND

Please refer help documentation how to get [URL, Client ID, Client Secret and Token Service URL](#). For more information refer to [how to create a HTTP destination](#) and [how to use Workflow APIs](#).

Configure OAuth2ClientCredentials 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 Destination to Enable Start & Step Conditions

To enable the usage of start conditions and step conditions on a process variant, create a destination for business rules with the configuration as mentioned in the following help document:

https://help.sap.com/viewer/6f55baaf330443bd8132d071581bbae6/Cloud/en-US/543b5dbd77d940b4b1f972298b559911.html?q=WM_BUSINESSRULES

Configure OAuth2 Client Credentials Workflow Destination (Service Instance)

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 Cloud Integration Destination

To call an integration flow, a HTTP destination is required in the SAP BTP tenant where the SAP Workflow Management is subscribed. Create a destination called CPI with either Basic Authentication (supported only for Neo environment) or OAuth2ClientCredentials.

Destination with OAuth2ClientCredentials Authentication

Name	CPI
Type	HTTP
Proxy Type	Internet
Authentication	OAuth2ClientCredentials
URL	<runtime.url>
Client Id	<client ID>
Client Secret	<client secret>
Token Service URL	<oauth.url.for.clientCredentials>

Additional Properties to Destination

Additionally, add the following properties in the destination for cloud integration.

WebIDEEEnabled	true
WebIDESystem	CPI
WebIDEUsage	odata_gen

Destination with Basic Authentication (Applicable for Neo environment only)

Name	CPI
Type	HTTP
Proxy Type	Internet
User	<USER ID>
Password	<PASSWORD>
Authentication	BasicAuthentication
URL	<runtime.url>

Additional properties will remain the same between authentication methods.

Configure RFC Destination

Configure a RFC destination to connect with SAP S/4HANA on-premise. Below is a destination configuration for *SAP S/4HANA on-premise*.

Note: This destination is required by Cloud Integration (Suite).

Name	<RFC_DESTINATION_NAME>
Type	RFC
Proxy Type	OnPremise
User	<ONPREMISE_USER>
Password	<ONPREMISE_PASSWORD>
Repository User	<ONPREMISE_USER>
Repository Password	<ONPREMISE_PASSWORD>

Additional Properties	jco.client.ashost: <host>
Additional Properties	jco.client.client:<client number>
Additional Properties	jco.client.lang: <language>
Additional Properties	jco.client.sysnr:<system number >

Configure APIs in SAP S/4HANA

Following APIs are needed to be configured in SAP S/4HANA to use the content package.

OData Services:

1. /sap/opu/odata/sap/API_COMPANYCODE_SRV
2. /sap/opu/odata/sap/API_COSTCENTER_SRV
3. /sap/opu/odata/sap/API_PROFITCENTER_SRV/
4. /sap/opu/odata/sap/ZZ1_WBSELEMENT_CDS
5. /sap/opu/odata/sap/ZZ1_ORDER_CDS
6. /sap/opu/odata/sap/ZZ1_LEDGERGROUP_CDS
7. /sap/opu/odata/sap/ZZ1_TRANSACTIONCURRENCY_CDS
8. /sap/opu/odata/sap/ZWF_CDS_ACCRUAL_OBJ_CAT_CDS
9. /sap/opu/odata/sap/ZWF_CDS_ACCRUAL_METH_CDS
10. /sap/opu/odata/sap/ZWF_CDS_ACCRUAL_ITM_TYP_CDS

Steps to Register OData Services in SAP Gateway

1. Go to t-code "/IWFND/MAINT_SERVICE"
2. Click on "Add Service"
3. Select the required System Alias (Select LOCAL as system alias in case of Embedded Deployment of Gateway)
4. Enter Technical Service Name as "API_COMPANYCODE_SRV" and click on "Get Services"
5. Select "API_COMPANYCODE_SRV" and click on "Add Selected Services"
6. Enter the required package and click on OK
7. Repeat steps 1-6 for all the OData services mentioned in previous section

List of BAPI/RFC which need to be available in SAP S/4 HANA

ZWF_FM_HR_MASTER_GET_APPR – Fetch Approver Details

Note: Steps to implement custom ABAP objects is mentioned in the Appendix.

Create and Configure the Core Data Services to populate the Value Helps

The Custom Task UIs based on SAP UI5 uses a couple of backend services to populate the value helps for WBS Element, Order, Ledger Group and Transaction Currency information.

1. WBS Element Value Help URL –
`{S4HANA}/sap/opu/odata/sap/ZZ1_WBSELEMENT_CDS/ZZ1_WBSElement`
2. Order Value Help URL –
`{S4HANA}/sap/opu/odata/sap/ZZ1_ORDER_CDS/ZZ1_Order`
3. Ledger Group Value Help URL –
`{S4HANA}/sap/opu/odata/sap/ZZ1_LEDGERGROUP_CDS/ZZ1_LedgerGroup`
4. Transaction Currency Value Help URL –
`{S4HANA}/sap/opu/odata/sap/ZZ1_TRANSACTIONCURRENCY_CDS/
ZZ1_TransactionCurrency`
5. Profit Center Value Help URL -
`{S4HANA}/sap/opu/odata/sap/API_PROFITCENTER_SRV/A_ProfitCenterText`
6. Accrual Object Category Value Help URL
`{S4HANA}/sap/opu/odata/sap/ZWF_CDS_ACCRUAL_OBJ_CAT_CDS`
7. Accrual Method Value Help URL
`{S4HANA}/sap/opu/odata/sap/ZWF_CDS_ACCRUAL_METH_CDS`
8. Accrual Item Type Value Help URL
`{S4HANA}/sap/opu/odata/sap/ZWF_CDS_ACCRUAL_ITM_TYP_CDS`
9. Company Code Value Help URL
`{S4HANA}/sap/opu/odata/sap/API_COMPANYCODE_SRV`
10. Cost Center Value Help URL
`{S4HANA}/sap/opu/odata/sap/API_COSTCENTER_SRV`

Create the necessary Custom CDS Views in your SAP S/4HANA system to use the Live Process Package. Refer to the Appendix for more details

Configure RFC Destination

Configure a RFC destination to connect with SAP S/4HANA on-premise. Below is a destination configuration for *SAP S/4HANA on-premise*.

Note: This destination is required by Cloud Integration (Suite).

Name	<RFC_DESTINATION_NAME>
Type	RFC
Proxy Type	OnPremise
User	<ONPREMISE_USER>
Password	<ONPREMISE_PASSWORD>
Repository User	<ONPREMISE_USER>
Repository Password	<ONPREMISE_PASSWORD>

Additional Properties	jco.client.ashost: <host>
Additional Properties	jco.client.client:<client number>
Additional Properties	jco.client.lang: <language>
Additional Properties	jco.client.sysnr:<system number >

Configure Document Management Service Repository

Create a service instance for Document Management Service, Integration Option. Next create a service key and a repository for storing workflow attachments. Necessary information for creating a repository can be found in the service key.

Configure Document Management Service Destination

Configure a Document Management Service destination with the following parameters:

Name	bpmworkflowruntime_attachments
Type	HTTP
Proxy Type	Internet
Authentication	OAuth2UserTokenExchange
URL	<"endpoints":"ecmservice":"url">/browser/ <Repository_ID>/root/
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. Make sure that the users which are going to use the application have "SDM_Admin" or "SDM_User" roles assigned to them.

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](#).

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

Resources	Protocol	Backend-Type
/sap/opu/odata/sap/API_MANUALACCRUALS	OData	ABAP System
/sap/opu/odata/sap/API_COMPANYCODE_SRV	OData	ABAP System
/sap/opu/odata/sap/API_COSTCENTER_SRV	OData	ABAP System
/sap/opu/odata/sap/ZZ1_WBSELEMENT_CDS	OData	ABAP System
/sap/opu/odata/sap/ZZ1_ORDER_CDS	OData	ABAP System
/sap/opu/odata/sap/ZZ1_LEDGERGROUP_CDS	OData	ABAP System
/sap/opu/odata/sap/ZZ1_TRANSACTIONCURRENCY_CDS	OData	ABAP System
/sap/opu/odata/sap/ZWF_CDS_ACCRUAL_OBJ_CAT_CDS	OData	ABAP System
/sap/opu/odata/sap/ZWF_CDS_ACCRUAL_METH_CDS	OData	ABAP System
/sap/opu/odata/sap/ZWF_CDS_ACCRUAL_ITM_TYP_CDS	OData	ABAP System
ZWF_FM_HR_MASTER_GET_APPROVER	RFC	ABAP System
/sap/opu/odata/sap/API_PROFITCENTER_SRV	OData	ABAP System

Import, configure and deploy cloud integration content

This package utilizes Cloud Integration capability within SAP Integration Suite to provide integration between SAP ERP (or SAP S/4HANA) and SAP Build Process Automation or SAP Workflow Management. Further details can be found in dedicated integration guide of the integration package **“SAP Build Process Automation Integration with SAP S/4HANA for Accrual Object Creation Approval”**.

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](#)

Steps:

1. Create a Custom CDS View with the Name ZZ1_WBSElementBasicData (CDS Name is case-sensitive) and Label "WBSElementBasicData".
2. Select Scenario "External API"
3. Choose Add > Add Primary Data Source.
4. Choose the data source with the name "I_WBSElementBasicData".
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	WBSElementInternalID	NUMC (8)	I_WBSElementBasicData.WBSElementInternalID	WBS Internal ID
No	WBSDescription	CHAR (40)	I_WBSElementBasicData.WBSDescription	WBS Element Name
No	WBSElementExternalID	CHAR (24)	I_WBSElementBasicData.WBSElementExternalID	WBS Element

8. Choose Publish.

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

Order Value Help URL –

{S4HANA}/sap/opu/odata/sap/ZZ1_ORDER_CDS/ZZ1_Order

Key	Alias	Type	Path	Label
Yes	OrderID	CHAR (12)	I_Order.OrderID	Order
No	OrderDescription	CHAR (40)	I_Order.OrderDescription	Order Description

Ledger Group Value Help URL –
 {S4HANA}/sap/opu/odata/sap/ZZ1_LEDGERGROUP_CDS/ZZ1_LedgerGroup

Key	Alias	Type	Path	Label
Yes	LedgerGroup	CHAR (4)	I_LedgerGroup.LedgerGroup	Ledger Group
Yes	Language	LANG (1)	I_LedgerGroup._Text.Language	Language Key
No	LedgerGroupName	CHAR (50)	I_LedgerGroup._Text.LedgerGroupName	Description

Transaction Currency Value Help URL –
 {S4HANA}/sap/opu/odata/sap/ZZ1_TRANSACTIONCURRENCY_CDS/ZZ1_TransactionCurrency

Key	Alias	Type	Path	Label
Yes	Currency	CUKY (5)	I_CurrencyStdVH.Currency	Currency
Yes	Language	LANG (1)	I_CurrencyStdVH._Text.Language	Language Key
No	CurrencyName	CHAR (40)	I_CurrencyStdVH._Text.CurrencyName	Description

Creating CDS (using ABAP Development Toolkit)

Pre-requisite:

1. Eclipse must be installed along with ADT plugins.
2. Developer access and authorizations should be available in SAP S/4 HANA to create CDS views

Steps:

1. Open Eclipse in ABAP perspective
2. Go to Files -> New -> ABAP Project
3. Select the system in which you want to create the CDS view
4. Enter the system connection details and credentials
5. Right click on project and the go to New -> Other and select "Data Definition" (Name of CDS will be "ZWF_CDS_ACCRUAL_OBJ_CAT")
6. Copy paste the attached code for "ZWF_CDS_ACCRUAL_OBJ_CAT" from [SAP NOTE 3150661](#) in code editor
7. Click on Save
8. Click on Activate
9. Repeat steps 1 to 8 for following CDS views
 - a. ZWF_CDS_ACCRUAL_METH
 - b. ZWF_CDS_ACCRUAL_ITM_TYP

Register OData Services in SAP Gateway

Steps:

1. Go to t-code “/IWFND/MAINT_SERVICE”
 2. Click on “Add Service”
 3. Select the required System Alias
 4. Enter Technical Service Name as “ZWF_CDS_ACCRUAL_OBJ_CAT_CDS” and click on “Get Services”
 5. Select “ZWF_CDS_ACCRUAL_OBJ_CAT_CDS” and click on “Add Selected Services”
 6. Enter the required package and click on OK
- Repeat steps 1 to 6 for Technical Services listed below
- ZWF_CDS_ACCRUAL_METH_CDS
 - ZWF_CDS_ACCRUAL_ITM_TYP_CDS
 - ZZ1_WBSELEMENT_CDS
 - ZZ1_ORDER_CDS
 - ZZ1_LEDGERGROUP_CDS
 - ZZ1_TRANSACTIONCURRENCY_CDS

Creating Function Group

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_BTP_UTIL” 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_BTP_UTIL” as the name of function group and click on Display button
7. Click on Save
8. Right click on the Function Group “ZWF_FG_BTP_UTIL” 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_APPROVER

Steps:

1. Go to t-code “SE37”
2. Click on “Create” button
3. Enter “ZWF_FM_HR_MASTER_GET_APPROVER” as name of Function Module
4. Enter “ZWF_FG_BTP_UTIL” 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

Attributes							
Import							
Export							
Changing							
Tables							
Exceptions							
Source code							
Parameter Name	Typing	Associated Type	Default value	Opti...	Pass...	Short text	Long...
I_BUKRS	TYPE	BUKRS		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Company Code	Create
I_PLANS	TYPE	PLANS		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Position	Create
				<input type="checkbox"/>	<input type="checkbox"/>		

8. Go to “Export” tab and create the below entries

Parameter Name	Typing	Associated Type	Pass by Val...	Short text	Long Text
E_OUTPUT	TYPE	ZWF_APPR_DET_T	<input checked="" type="checkbox"/>	Table type for Approver Details	Create
E_STATUS	TYPE	BAPI_MTYPE	<input checked="" type="checkbox"/>	Message type: S Success, E Error, W Warning, I.	Create
			<input type="checkbox"/>		

9. Go to “Source Code” tab and paste the attached code for

“ZWF_FM_HR_MASTER_GET_APPROVER” from [SAP NOTE 3150661](#)

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:

Table Type: Active

Short text:

Attributes **Line Type** Initialization and Access Primary Key Secondary Key

Line Type

Built-in type

Data Type:

No. of Characters: Decimal Places:

Structure: Active

Short Description:

Attributes **Components** Input Help/Check Currency/quantity fields

Component	Typing Method	Component Type	Data Type	Length	Decimal...	Coordinate	Short Description
<input type="checkbox"/> USER_ID	Types	▼ SYSID	CHAR	30	0	0	0 Communication Identification/Number
<input type="checkbox"/> ENAME	Types	▼ EMNAM	CHAR	40	0	0	0 Formatted Name of Employee or Applicant
<input type="checkbox"/> EMAIL_ID	Types	▼ COMM_ID_LONG	CHAR	241	0	0	0 Communication: Long Identification/Number