

SAP BUSINESS TECHNOLOGY PLATFORM | EXTERNAL

Setup Guide

Journal Entry Posting Approval using SAP Workflow Management or SAP Build Process Automation

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Required SAP BTP Services

The workflow content package **Journal Entry Posting** 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 Emission Management information.
- 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

Journal Entry Posting 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 Destinations for Live Process Projects](#)
 - a. Import Package Destination
 - b. Business Rules Destination to support start and step conditions
3. [Optional] [Configure SAP Launchpad Service for SAP Build Process Automation](#)

Configure Process Automation Destination

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

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

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

Configure 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 OAuth2ClientCredentials 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>.

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

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

Journal Entry Posting 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 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

Configure SAP S/4HANA Destination

Configure a S/4 HANA destination to connect with SAP S/4HANA on-premise .

Note: This destination is required by Cloud Platform Integration and Start UI.

Name	S4HANA
Type	HTTP
Proxy Type	On-Premise
User	<ONPREMISE_ USER>
Password	<ONPREMISE_PASSWORD>
Authentication	BasicAuthentication
URL	<OData base URL of SAP S/4HANA>
Additional Properties	sap-client: <client 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:

/sap/opu/odata/sap/API_COMPANYCODE_SRV
/sap/opu/odata/sap/API_PROFITCENTER_SRV
/sap/opu/odata/sap/API_COSTCENTER_SRV
/sap/opu/odata/sap/ZZ1_ACCOUNTINGDOCUMENTTYPE_CDS
/sap/opu/odata/sap/ZZ1_CURRENCYSTDVH_CDS
/sap/opu/odata/sap/ZZ1_GLACCINCHARTOFACC_CDS
/sap/opu/odata/sap/ZZ1_TAXCODE_CDS
/sap/opu/odata/sap/ZZ1_ORDER_CDS
/sap/opu/odata/sap/ZZ1_WBSELEMENTBASICDATA_CDS
/sap/opu/odata/sap/ZZ1_CUSTOMER_CDS
/sap/opu/odata/sap/ZZ1_GLOBALCOMPANY_CDS
/sap/opu/odata/sap/ZZ1_HOUSEBANK_CDS
/sap/opu/odata/sap/ZZ1_LEDGERGROUP_CDS
/sap/opu/odata/sap/ZZ1_SEGMENT_CDS
/sap/opu/odata/sap/ZZ1_SUPPLIER_CDS
/sap/opu/odata/sap/ZZ1_TAXJURISDICTION_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_RFC_HR_MASTER_GET_APPR – Fetch Approver Details
BAPI_ACC_DOCUMENT_POST – Post Accounting Document
BAPI_TRANSACTION_COMMIT – Commit Transaction
BAPI_TRANSACTION_ROLLBACK – Rollback Transaction

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 some of the backend services to populate the value helps for Accounting Document Type, Currency, General Ledger Account, Tax Code, Order, WBS Element, Customer, Global Company, House Bank, Ledger Group, Segment, Supplier and Tax Jurisdiction

Accounting Document Type Value Help URL –
{S4HANA}/sap/opu/odata/sap/ZZ1_ACCOUNTINGDOCUMENTTYPE_CDS/ZZ1_AccountingDocumentType

Currency Value Help URL –
{S4HANA}/sap/opu/odata/sap/ZZ1_CURRENCYSTDVH_CDS/ZZ1_CurrencyStdVH

General Ledger Account Value Help URL –
{S4HANA}/sap/opu/odata/sap/ZZ1_GLACCINCHARTOFACC_CDS/ZZ1_GLAclnChartOfAcc

Tax Code Value Help URL –
{S4HANA}/sap/opu/odata/sap/ZZ1_TAXCODE_CDS/ZZ1_TaxCode

Order Value Help URL –
{S4HANA}/sap/opu/odata/sap/ZZ1_ORDER_CDS/ZZ1_Order

WBS Element Value Help URL –
{S4HANA}/sap/opu/odata/sap/ZZ1_WBSELEMENTBASICDATA_CDS/ZZ1_WBSElementBasicData

Customer Value Help URL –
{S4HANA}/sap/opu/odata/sap/ZZ1_CUSTOMER_CDS/ZZ1_Customer

Global Company Value Help URL –
{S4HANA}/sap/opu/odata/sap/ZZ1_GLOBALCOMPANY_CDS/ZZ1_GlobalCompany

House Bank Value Help URL –
{S4HANA}/sap/opu/odata/sap/ZZ1_HOUSEBANK_CDS/ZZ1_HouseBank

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

Segment Value Help URL –
{S4HANA}/sap/opu/odata/sap/ZZ1_SEGMENT_CDS/ZZ1_Segment

Supplier Value Help URL –
{S4HANA}/sap/opu/odata/sap/ZZ1_SUPPLIER_CDS/ZZ1_Supplier

Tax Jurisdiction Value Help URL –
{S4HANA}/sap/opu/odata/sap/ZZ1_TAXJURISDICTION_CDS/ZZ1_TaxJurisdiction

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 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
BAPI_ACC_DOCUMENT_POST	RFC	ABAP System
BAPI_TRANSACTION_COMMIT	RFC	ABAP System
BAPI_TRANSACTION_ROLLBACK	RFC	ABAP System
ZWF_RFC_HR_MASTER_GET_APPR	RFC	ABAP System
/sap/opu/odata/sap/API_COMPANYCODE_SRV	OData	ABAP System
/sap/opu/odata/sap/API_PROFITCENTER_SRV	OData	ABAP System
/sap/opu/odata/sap/API_COSTCENTER_SRV	OData	ABAP System
/sap/opu/odata/sap/ZZ1_ACCOUNTINGDOCUMENTTYPE_CDS	OData	ABAP System
/sap/opu/odata/sap/ZZ1_CURRENCYSTDVH_CDS	OData	ABAP System
/sap/opu/odata/sap/ZZ1_GLACCINCHARTOFACC_CDS	OData	ABAP System
/sap/opu/odata/sap/ZZ1_TAXCODE_CDS	OData	ABAP System
/sap/opu/odata/sap/ZZ1_ORDER_CDS	OData	ABAP System
/sap/opu/odata/sap/ZZ1_WBSELEMENTBASICDATA_CDS	OData	ABAP System
/sap/opu/odata/sap/ZZ1_CUSTOMER_CDS	OData	ABAP System
/sap/opu/odata/sap/ZZ1_GLOBALCOMPANY_CDS	OData	ABAP System

/sap/opu/odata/sap/ZZ1_HOUSEBANK_CDS	OData	ABAP System
/sap/opu/odata/sap/ZZ1_LEDGERGROUP_CDS	OData	ABAP System
/sap/opu/odata/sap/ZZ1_SEGMENT_CDS	OData	ABAP System
/sap/opu/odata/sap/ZZ1_SUPPLIER_CDS	OData	ABAP System
/sap/opu/odata/sap/ZZ1_TAXJURISDICTION_CDS	OData	ABAP System

Add Workflow start UI in Fiori Launchpad Site

Configure Fiori Launch Pad site to access Workflow Monitoring applications, My Inbox, Process Visibility Workspace and Start UI application to create approval requests.

Please refer help documentation [how to configure a start ui tiles on Central Fiori Launchpad.](#)

Deploy Custom UIs and Workflow module

The project consists of the following:

- Journal Entry Posting HTML5 module – serves as the Workflow Start User Interface application for creation of Journal Entry requests

Configure journal Entry Posting Tile on Central Fiori Launchpad Site

- Open SAP Launchpad site manager application.
- Select Content Manager and Content Explorer
- Search **com.sap.JournalEntryStartuimodule** and select SAP UI5 component.
- Click Add to My Content button to include the UI5 component.
- Select My Content tab and Search Everyone.
- Click Everyone from the result and navigate to the details.
- Click Edit button to enable all users to access the new Start UI tile.
- Click New button and Select Group to create a new group.
- Add a Title for eg: Journal Entry Posting under PROPERTIES.
- Click + button and Save button.

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 Journal Entry Posting Approval”.

Appendix

Perform the below mentioned steps for implementation of custom ABAP objects

Creating Function Group

Steps:

1. Go to t-code “SE37”
2. In Menu, select Goto -> Function Groups -> Create Group
3. Enter Function Group name as “ZWF_FG_ JOURNALEP” and also 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_ JOURNALEP” as the name of function group and click on Display button
7. Right click on the Function Group “ZWF_FG_ JOURNALEP “ on the left side panel and “Click on “Activate” (Click OK button on the pop-up which shows list of inactive objects)

Creating Table Type

Steps:

1. Go to t-code SE11
2. Select “Data Type” radio button
3. Enter “ZWF_APPR_DET” as name of “Data Type”
4. Select “Structure” and click on OK
5. Enter the below mentioned fields and description

Dictionary: Display Structure

Structure: ZWF_APPR_DET Active

Short Description: Structure for Approver Details

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

Component	Typing Method	Component Type	Data Type	Length	Decimal...
USER_ID	Types	SYSID	CHAR	30	0
ENAME	Types	EMNAM	CHAR	40	0
EMAIL_ID	Types	COMM ID LONG	CHAR	241	0

6. Click on “Save”
7. Click on “Activate” (Click OK button on the pop-up which shows list of inactive objects)
8. Go to t-code SE11
9. Select “Data Type” radio button
10. Enter “ZWF_APPR_DET_T” as name of “Data Type”

11. Select "Table Type" and click on OK
12. Enter the below mentioned structure and description

Dictionary: Display Table Type

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:

Reference type

Referenced type

Reference to built-in type

Data Type:

Length: Decimal Places:

13. Click on "Save"
14. Click on "Activate" (Click OK button on the pop-up which shows list of inactive objects)

Creating Function Modules

Steps:

15. Go to t-code "SE37"
16. Click on "Create" button
17. Enter "ZWF RFC_HR_MASTER_GET_APPR" as name of Function Module
18. Enter "ZWF_FG_JOURNALEP" as Function Group
19. Enter a meaningful short text
20. Click on "Save" (Click on OK in successive pop-ups)
21. Go to "Import" tab and enter the below mentioned entries

Function Builder: Display ZWF RFC_HR_MASTER_GET_APPR

Function module: Active

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

Parameter Name	Typing	Associated Type	Default value	Opti...	Pass...	Short text
I_BUKRS	TYPE	BUKRS		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Company Code
I_PLANS	TYPE	PLANS		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Position
				<input type="checkbox"/>	<input type="checkbox"/>	

22. Go to "Export" tab and create the below entries

Function Builder: Display ZWF RFC HR MASTER_GET_APPR

Function module: Active

Attributes Import Export Changing Tables Exceptions Source code

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

23. Go to "Source Code" tab and paste the code for "ZWF RFC HR MASTER_GET_APPR" from [SAP Note 3143157](#)
24. Go to "Attributes" tab and select radio button for "Remote-Enabled"
25. Click on "Save"
26. Click on "Activate" (Click OK button on the pop-up which shows list of inactive objects)

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

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](#)

Create Custom CDS Views

Procedure

1. Create a Custom CDS View with the Name ZZ1_AccountingDocumentType (CDS Name is case-sensitive) and Label "AccountingDocumentType".
2. Select Scenario "External API"
3. Choose Add > Add Primary Data Source.
4. Choose the data source with the name "I_AccountingDocumentTypeStdVH".
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	AccountingDocumentType	CHAR (2)	I_AccountingDocumentTypeStdVH.AccountingDocumentType	Journal Entry Type
Yes	Language	LANG (1)	I_AccountingDocumentTypeStdVH._Text.Language	Language Key
No	AuthorizationGroup	CHAR (4)	I_AccountingDocumentTypeStdVH.AuthorizationGroup	Authorization
No	AccountingDocumentType Name	CHAR (20)	I_AccountingDocumentTypeStdVH._Text.AccountingDocumentType Name	JE Type Name

8. Choose Publish.

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

Currency Value Help URL –

{S4HANA}/sap/opu/odata/sap/ZZ1_CURRENCYSTDVH_CDS/ZZ1_CurrencyStdVH

Key	Alias	Type	Path	Label
Yes	Currency	CUKY (5)	I_CurrencyStdVH.Currency	Currency
Yes	Language	LANG (1)	I_CurrencyStdVH._Text.Languag e	Language Key

No	CurrencyName	CHAR (40)	I_CurrencyStdVH._Text.CurrencyName	Description
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General Ledger Account Value Help URL –

{S4HANA}/sap/opu/odata/sap/ZZ1_GLACCINCHARTOFACC_CDS/ZZ1_GLAclnChartOfAcc

Key	Alias	Type	Path	Label
Yes	ChartOfAccounts	CHAR (4)	I_GLAccountInChartOfAccounts.ChartOfAccounts	Chart of Accounts
Yes	GLAccount	CHAR (10)	I_GLAccountInChartOfAccounts.GLAccount	G/L Account
Yes	Language	LANG (1)	I_GLAccountInChartOfAccounts._Text.Language	Language Key
No	GLAccountGroup	CHAR (4)	I_GLAccountInChartOfAccounts.GLAccountGroup	Account Group
No	GLAccountName	CHAR (20)	I_GLAccountInChartOfAccounts._Text.GLAccountName	Short Text

Tax Code Value Help URL –

{S4HANA}/sap/opu/odata/sap/ZZ1_TAXCODE_CDS/ZZ1_TaxCode

Key	Alias	Type	Path	Label
Yes	TaxCalculationProcedure	CHAR (6)	I_TaxCode.TaxCalculationProcedure	Procedure
Yes	TaxCode	CHAR (2)	I_TaxCode.TaxCode	Tax Code
Yes	Language	LANG (1)	I_TaxCode._Text.Language	Language Key
No	TaxCodeName	CHAR (50)	I_TaxCode._Text.TaxCodeName	Tax Code Name

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

WBS Element Value Help URL –
[{S4HANA}/sap/opu/odata/sap/ZZ1_WBSELEMENTBASICDATA_CDS/ZZ1_WBSElementBasicData](#)

Key	Alias	Type	Path	Label
Yes	WBSElementInternalID	NUMC (8)	I_WBSElementBasicData.WBSElementInternalID	WBS Internal ID
Yes	Language	LANG (1)	I_WBSElementBasicData._CompanyCode.Language	Language Key
No	WBSDescription	CHAR (40)	I_WBSElementBasicData.WBSDescription	WBS Element Name
No	WBSElementExternalID	CHAR (24)	I_WBSElementBasicData.WBSElementExternalID	WBS Element

Customer Value Help URL –
[{S4HANA}/sap/opu/odata/sap/ZZ1_CUSTOMER_CDS/ZZ1_Customer](#)

Key	Alias	Type	Path	Label
Yes	Customer	CHAR (10)	I_Customer_VH.Customer	Customer
No	OrganizationBPName1	CHAR (35)	I_Customer_VH.OrganizationBPName1	Name 1
No	OrganizationBPName2	CHAR (35)	I_Customer_VH.OrganizationBPName2	Name 2
No	Country	CHAR (3)	I_Customer_VH.Country	Country
No	CustomerName	CHAR (80)	I_Customer_VH.CustomerName	Customer Name
No	CityName	CHAR (35)	I_Customer_VH.CityName	City

Global Company Value Help URL –
[{S4HANA}/sap/opu/odata/sap/ZZ1_GLOBALCOMPANY_CDS/ZZ1_GlobalCompany](#)

Key	Alias	Type	Path	Label
Yes	Company	CHAR (6)	I_Globalcompany.Company	Company
No	CompanyName	CHAR (30)	I_Globalcompany.CompanyName	Name of the company
No	CompanyLanguage	LANG (1)	I_Globalcompany.CompanyLang	Language Key

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House Bank Value Help URL –

{S4HANA}/sap/opu/odata/sap/ZZ1_HOUSEBANK_CDS/ZZ1_HouseBank

Key	Alias	Type	Path	Label
Yes	CompanyCode	CHAR (4)	I_HouseBankBasic.CompanyCode	Company Code
Yes	HouseBank	CHAR (5)	I_HouseBankBasic.HouseBank	House Bank
No	BankCountry	CHAR (3)	I_HouseBankBasic.BankCountry	Bank Country
No	BankInternalID	CHAR (15)	I_HouseBankBasic.BankInternalID	Bank Key
No	BankName	CHAR (60)	I_HouseBankBasic.BankName	Bank name

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

Segment Value Help URL –

{S4HANA}/sap/opu/odata/sap/ZZ1_SEGMENT_CDS/ZZ1_Segment

Key	Alias	Type	Path	Label
Yes	Segment	CHAR (10)	I_Segment.Segment	Segment
Yes	Language	LANG (1)	I_Segment._Text.Language	Language Key
No	SegmentName	CHAR (50)	I_Segment._Text.SegmentName	Segment Name

Supplier Value Help URL –

{S4HANA}/sap/opu/odata/sap/ZZ1_SUPPLIER_CDS/ZZ1_Supplier

Key	Alias	Type	Path	Label
Yes	Supplier	CHAR (10)	I_Supplier_VH.Supplier	Vendor
No	SupplierName	CHAR (35)	I_Supplier_VH.SupplierName	Name

Tax Jurisdiction Value Help URL –

{S4HANA}/sap/opu/odata/sap/ZZ1_TAXJURISDICTION_CDS/ZZ1_TaxJurisdiction

Key	Alias	Type	Path	Label
Yes	TaxJurisdictionCalcProcedure	CHAR (6)	I_TaxJurisdiction.TaxJurisdictionCalcProcedure	Costing Sheet
Yes	TaxJurisdiction	CHAR (15)	I_TaxJurisdiction.TaxJurisdiction	Tax Jurisdiction
Yes	Language	LANG (1)	I_TaxJurisdiction._Text.Language	Language Key
No	TaxJurisdictionName	CHAR (50)	I_TaxJurisdiction._Text.TaxJurisdictionName	Description

Setup OData services for Custom CDS views

Procedure

1. Login into SAP GUI
2. Go to t-code "/IWFND/MAINT_SERVICE"
3. Click on "Add Service"
4. Select the required System Alias
5. Enter Technical Service Name as "ZZ1_ACCOUNTINGDOCUMENTTYPE_CDS" and click on "Get Services"
6. Select "ZZ1_ACCOUNTINGDOCUMENTTYPE_CDS" and click on "Add Selected Services"
7. Enter the required package and click on OK

Repeat steps 2 to 7 for all OData services created in previous section