

SAP | EXTERNAL

Configuration Guide

Business Partner Payment Data Change Approval

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Overview

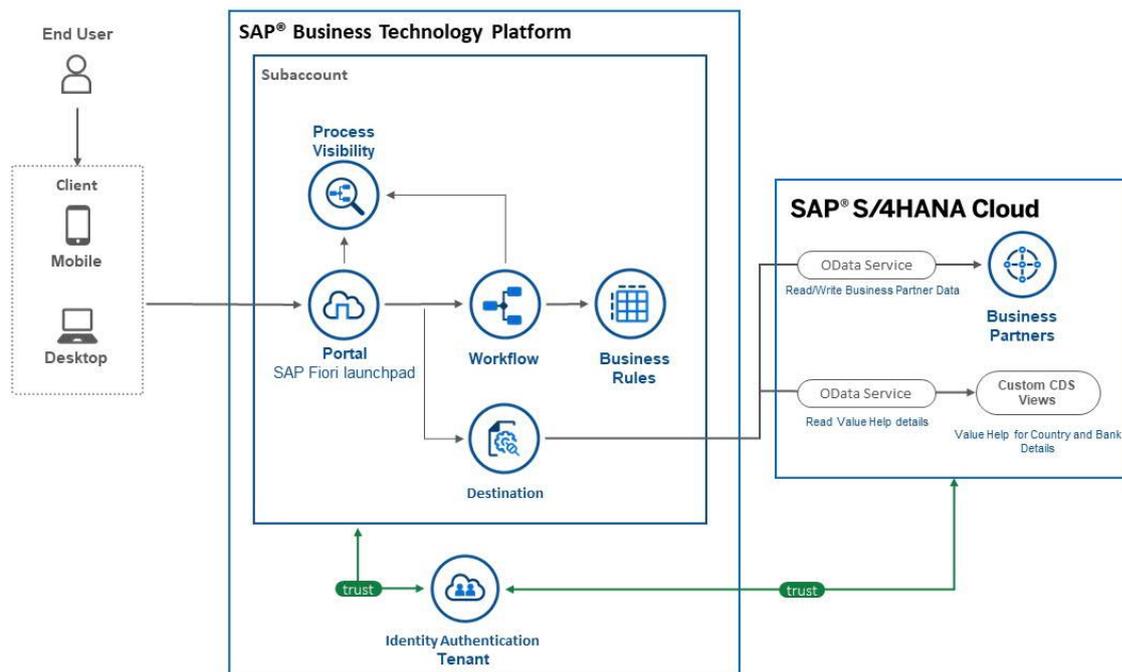
This document provides technical information about what needs to be configured to make the Live Process Package - **Business Partner Payment Data Change Approval** run. The main audience of this document are technical personas, like IT Administrators or Developers. The document tells what needs to be done to make the solution run. It mainly focusses on technical configuration like destinations for example.

It also focusses on business configuration that can be done by a key user or Business Process Expert, like how to configure a variant, a decision or visibility scenario.

The Live Process Content package enables customers to accelerate the digitalization of their business partner payment data change approvals in a transparent way and provide flexibility to meet business requirements. It includes Processes, Decisions and Visibility content enabling customers to flexibly configure process variants in a low code no code approach.

Payment information of business partners are maintained and used for automated payment runs at the end of the month. Since the pay-outs are fully automated, they could potentially be used for fraud by changing the bank information on a business partner to a different bank account. To prevent any misuse, the workflow application, ensures a four-eye principle by enabling an approval process for every payment data change.

Business Partner Payment Data Changes Approval Process with Workflow Management



Steps Involved:

1. The requester pulls up the existing payment details (registered bank data) of the business partner
2. The necessary changes are made to the business partner's bank details used for payment.
3. An approval is triggered based on a business rule that determines the appropriate person[s] to approve the changes.
4. Once the changes are approved, (by the authorized persona[s]), the business partner data is modified with the payment data changes in the S/4HANA Cloud system.

Process Steps in template:

1. Retrieve payment details of the business partner, perform the necessary changes, and push it for approval. This process step is optional. It can be replaced with a standalone application or triggered from the S/4HANA Cloud System through an extension of the workflow.
2. Approval step[s] based on type of changes, country/region of the business partner, business partner category and the desired level of approval (i.e. Approval Level can represent hierarchy such as local management, VP approval etc.)
3. Commit Payment Detail Changes to the S/4HANA Cloud system. This is an automated process that calls the OData services exposed by S/4HANA Cloud system for SAP Business Partner records. A payload with a list of changes corresponding to New Records, Updated Records and Records to be deleted is passed to process step.

Disclaimer

SAP Workflow Management shall not be used to store or process sensitive personal data. This service can be used if you have a legal ground to process personal data.

Required SAP Business Technology Platform Services

The following SAP BTP services are required to consume the content package Payment Detail Changes for Business Partner in SAP S/4 HANA Cloud

- SAP Workflow Management
- SAP Cloud Portal service / SAP Launchpad service
- SAP Business Application Studio
- SAP Cloud Identity Services - Identity Authentication (optional)
(or equivalent Identity and Authentication service)

Setup and Configuration

Business Partner Payment Data Change 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>

Configure Workflow Email Destination

Configure workflow email destination. For more information on configuring destination, see [configure workflow email destination](#).

Configure Business Rules Destination

Configure a business Rules destination with name as "BusinessRules" with Type as HTTP, Proxy Type as Internet and authentication as OAuth2ClientCredentials. Please make sure the URL formatted as {rule_runtime_url}/rules-service.

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 access business rules APIs](#) using OAuth 2.0 Authentication (client credentials)

Name: *	BusinessRules
Type:	HTTP
Description:	
URL: *	https://bpmruleruntime.([redacted])com/rules-ser...
Proxy Type:	Internet
Authentication:	OAuth2ClientCredentials
Client ID: *	sb-clone-d8([redacted])4 bpmrulebr...
Client Secret: *	*****
Token Service URL: *	https://bpm-([redacted])and.com/oauth/t...
Token Service User:	
Token Service Password:	

Configure a Destination to SAP S/4HANA Cloud system

Configure a destination with the name as "S4HANA_Cloud", with Type as HTTP, Proxy Type as Internet, URL as hostname of your S/4 Cloud tenant, and authentication as BasicAuthentication. Please refer how to [create an HTTP destination](#)

Name: *	S4HANA_Cloud
Type:	HTTP
Description:	
URL: *	https://my: and.com
Proxy Type:	Internet
Authentication:	BasicAuthentication
User: *	
Password:	*****

Configure OAuth2ClientCredentials Workflow Destination (Service Instance)

Create new Destination to call Workflow Service APIs using a Service route from SAP UI5 Component.

- Click New Destination.
- Select **Service Instance** as Destination Configuration.
- Select Service Instance as Workflow.

Enter Name as Workflow_CFLP and click Next button.

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

The Custom Task UIs based on SAP UI5 use a couple of backend services to populate the value helps for Country/Region information and Bank Details in those Countries/Regions.

Country Value Help URL –

{S4HANA_Cloud}/sap/opu/odata/sap/YY1_COUNTRIES_ISO_CDS/YY1_COUNTRIES_ISO

Bank Data Value Help URL –

{S4HANA_Cloud}/sap/opu/odata/sap/API_BANKDETAIL_SRV/A_BankDetail

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

Custom Task UIs

The live process package utilizes SAPUI5's rich UI capabilities in the Custom Task UI. The Custom Task UI Application is published in the Public GIT here <https://github.com/SAP-samples/cloud-workflow-samples/tree/master/cf-paymentdatachanges-lp>

Deploy and configure the applications accordingly.

Live Process Artifacts

Process content package

A process content package consists of process steps, process templates and process variants. Refer to the [help documentation](#) about these artifacts.

A business process consists of steps that can be executed independently. A process step within such a business process would consist of set of activities which adds value to the business.

All the activities involved in such a business process step are grouped and represented as a Process Step. Table 1 represents the list of steps defined to use in Business Partner Payment Data Change Approval process.

A process step is added to a process template with a constraint model. The constraint model defines the number of times a process step could occur in a new process variant.

Table 1. Process Steps.

Process Steps	Cardinality	Detailed Description
RequestPaymentDataChanges	0..1	This is an optional step as signified by the cardinality. The Business Partner details are retrieved from S/4HANA Cloud and necessary modifications for the Payment Data (i.e. Bank data) are performed. This step can occur at most once, and it must be the first step in a process variant.
ApprovePaymentDataChanges	1.. N	Approval of the Business Partner Payment Data Change Request. This step can occur multiple times in a process variant. It is possible to rename the step to appropriate approval roles. The desired approval role (level) can be provided as an additional parameter. Conform to naming the additional parameter as 'Level N' where N = 1, 2, 3... If any alternate naming convention is preferred, care should be taken to modify the business Rules accordingly.
CommitPaymentDataChanges	1..1	Post processing after completion of all the configured approval steps. This step can occur only once, and it should be the last step in a process variant.

Table 2. Process Step Properties.

Process Step	Properties	Detailed Description
ApprovePaymentDataChanges	Approval Level	The role/hierarchy of the approver. This text is used to determine the authorized persona who will approve the change request. An example

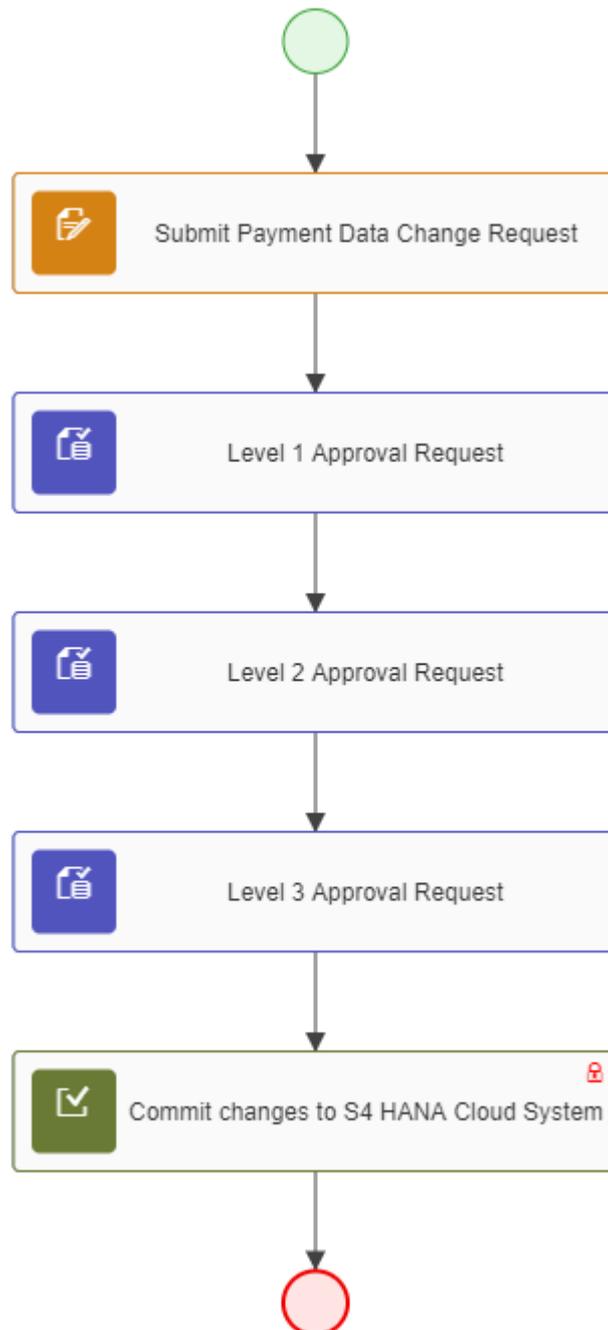
		would be - <i>Local Management</i> as represented by <i>Level 1</i> , <i>Area Management</i> as represented by <i>Level 2</i> and <i>Global Management</i> as represented by <i>Level 3</i> .
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Table 3. Process Attributes.

Process Attributes	Detailed Description
Business Partner Category	Business Partner Category which is 1 for Organization and 2 for Individual
Country/Region	Country / Region of the Business Partner

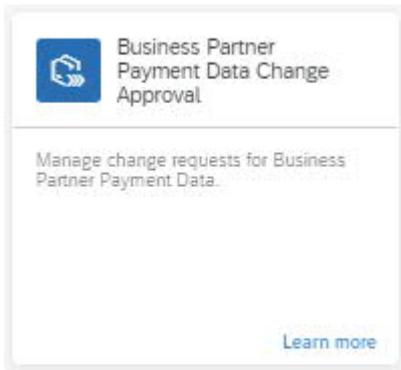
Process Variants

A process variant consists of multiple process steps configured by a Line of business expert. It is possible to create multiple process variants depending on the desired number of approval steps and persona roles to configure. An example of a Business Partner Payment Data Change Approval Process Variant is given below. Refer to [help documentation](#) about how to import content packages and configure a process variant.



Import Business Partner Payment Data Change Approval

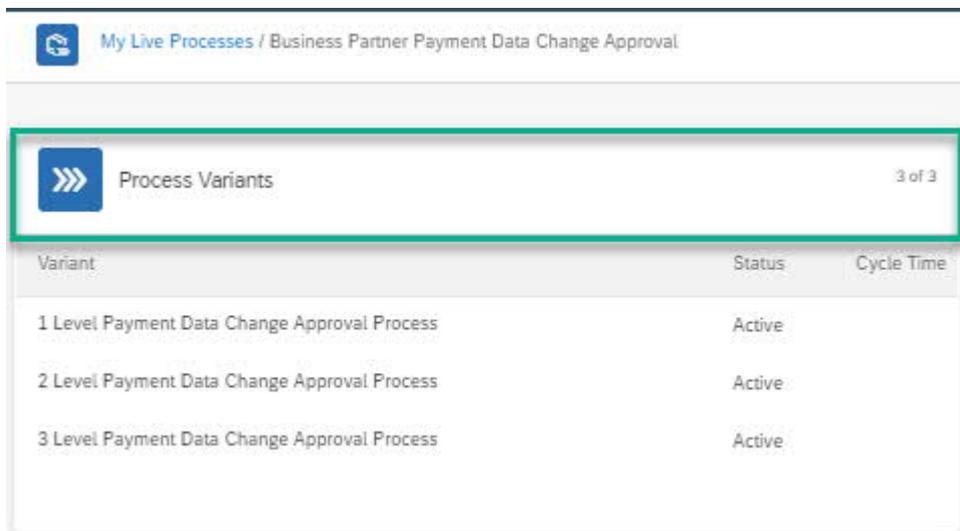
1. Open the **SAP Workflow Management** application. For information on accessing the app, see <https://help.sap.com/viewer/6f55baaf330443bd8132d071581bbae6/Cloud/en-US/c63dffcd1cd4373bee43490c7d2e4bd.html>.
2. Import content package **Business Partner Payment Data Change Approval** Process. Please refer the standard help document about [how to import a content package](#)



3. Create a new variant of Business Partner Payment Data Change Approval process. Please refer the standard help documentation about [how to create new Process Variants](#).

Open content package Business Partner Payment Data Change Approval process in Process Flexibility

Cockpit and click Process Variants.



Click New Process Variant

SAP Process Flexibility Cockpit

Business Partner Payment Data Change Approval / Process Variants

New Process Variant

Payment Data Changes Approval Process Variants (3)

1 Level Payment Data Change Approval Process

Single Approval (Local Management) for Business Partner Payment Data Changes

Cycle Time:

Active

2 Level Payment Data Change Approval Process

2 Level approval (Local Management followed by Area Management) for Business Partner Payment Data Changes

Cycle Time:

Active

3 Level Payment Data Change Approval Process

Three Level Approval (Local Management, Area Management and Global Management) for Business Partner Payment Data Changes.

Cycle Time:

Active

Provide an appropriate name for the new Process Variant and select Enter Name of the new Process Variant and select Payment Data Changes Approval Process as the Process.

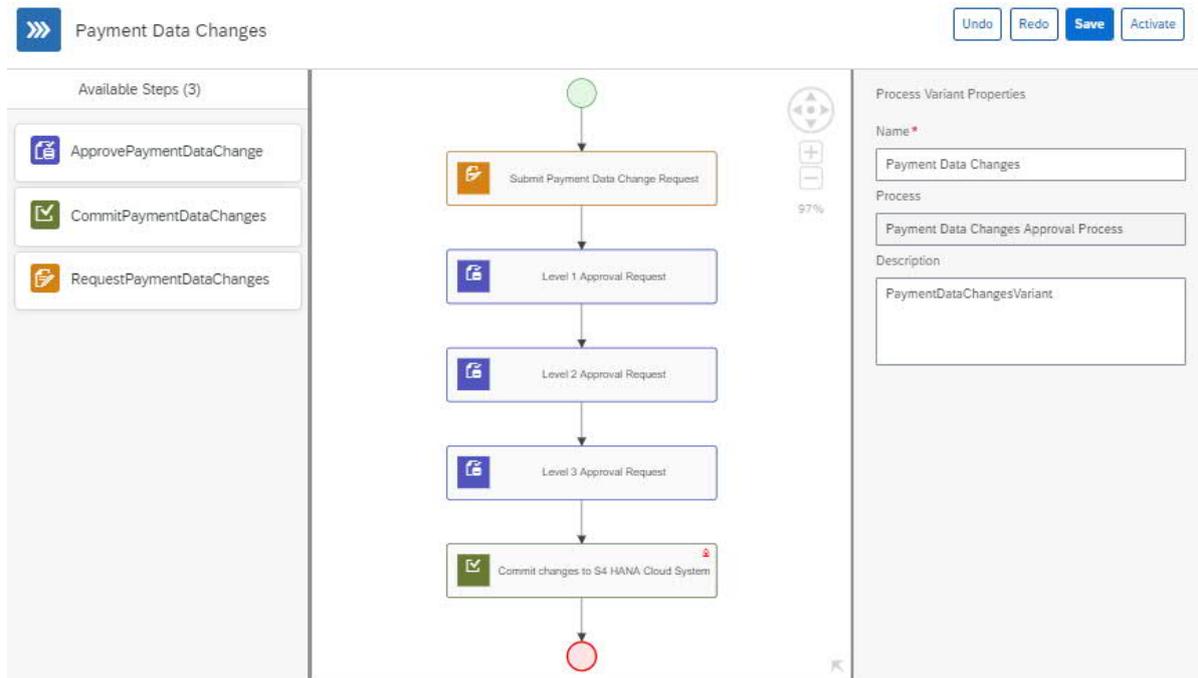
New Process Variant

Name: *

Process: *

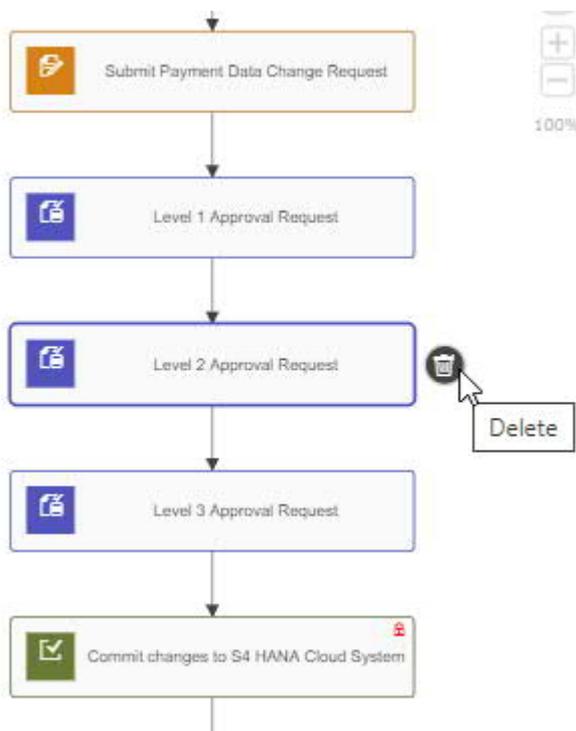
Create Cancel

The process variant editor enables Line of Business Experts to configure the newly created Process variants.



Modify or Delete Approval Steps

1. To delete a process step (example, Level 2 Approval Request step), select the step and delete it.



2. To modify a process step, select the process step and modify the data in the Step Properties

The screenshot shows a process flow diagram on the left and a 'Step Properties' dialog on the right. The process flow starts with a green circle, followed by an orange step 'Submit Payment Data Change Request', and then a blue step 'Level 1 Approval Request'. The 'Level 1 Approval Request' step is selected, and a trash icon is visible next to it. The 'Step Properties' dialog is open to the 'General' tab, showing the following fields:

- Name: Level 1 Approval Request
- Type: ApprovePaymentDataChange
- Description: Request approval from Level 1 (local) management

Note, for Approval Steps, we have a predefined parameter called Approval Level that is used in the business Rules to decide the recipients of the approval step.

This can be seen in the Details tab of the Step Properties.

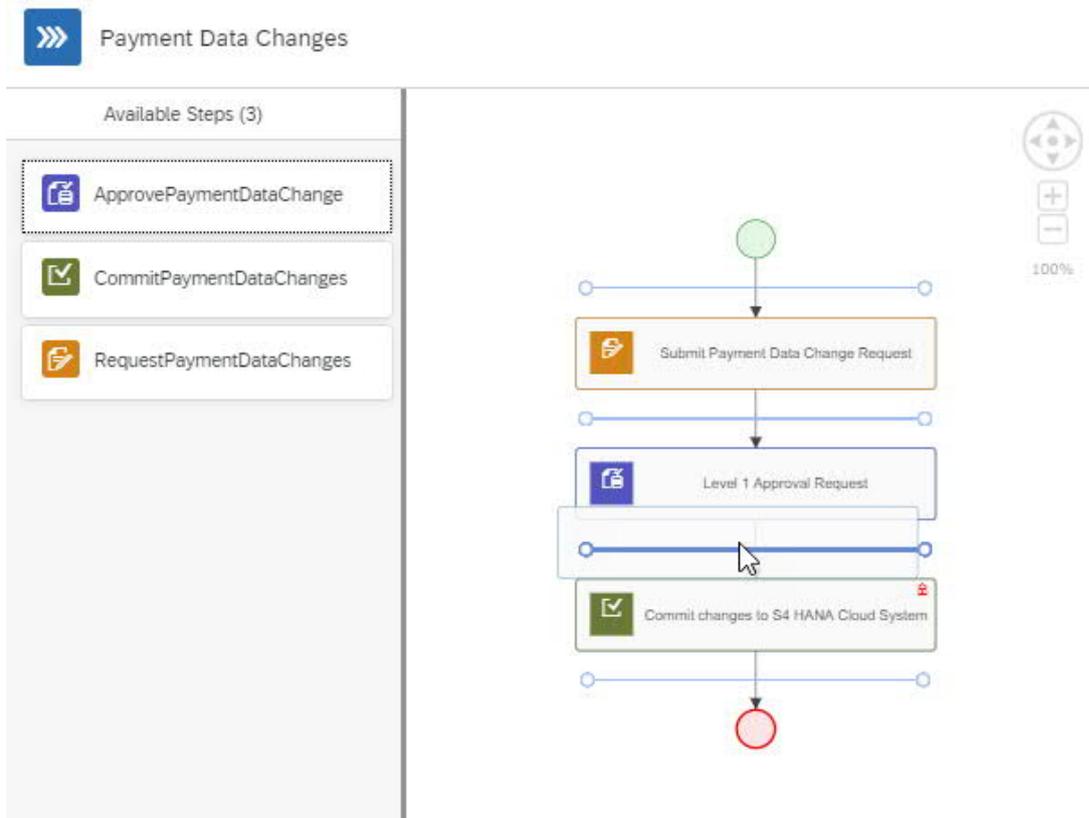
The screenshot shows a process flow diagram on the left and a 'Step Properties' dialog on the right. The process flow starts with a green circle, followed by an orange step 'Submit Payment Data Change Request', then a blue step 'Level 1 Approval Request', and finally a green step 'Commit changes to S4 HANA Cloud System'. The 'Level 1 Approval Request' step is selected, and a trash icon is visible next to it. The 'Step Properties' dialog is open to the 'Details' tab, showing the following field:

- Approval Level: Level 1

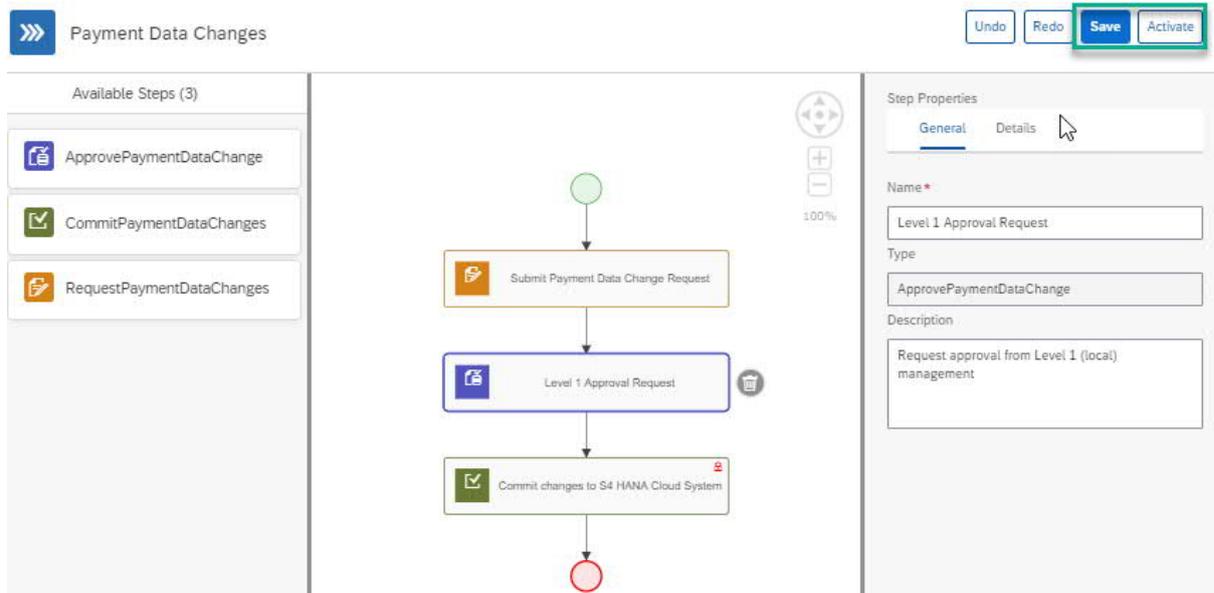
Add new Approval Step to Process Variant

1. To add a process step, simply drag and drop the desired step from the Available Steps onto the process flow in the desired order.

Note: exercise caution while arranging the process steps. They are executed according to their occurrence in the flow.



2. Save and activate the Process Variant



Activating the process variant generates a Workflow and deploys it to your account. You can see the newly deployed Workflow definition in Monitor Workflow – Workflow Definitions application in your Fiori Launch pad.

Decisions & Policies

Decisions and policies allow to encapsulate the business logic from core applications.

In Business Partner Payment Data Change Approval process, customers can configure the decisions to determine the recipients of the approval request.

Payment Data Changes Approval Policy

This policy enforces rules used to determine the approvers of the payment data changes done to the business partner.

The rule is orchestrated by first executing a text rule to determine whether the list of changes done to the Business Partner Payment Data has any changes of type Deletion, Update or Creation.

The response of the text rule is used as input to the decision table rule, along with other input data – Business Partner Details and Approval Level. The result of the rule is the Approval Group ID to which the authorized approver is assigned. This user group Id will be used as the recipient of the Approval Step user task.

Rules involved in the policy

Rule Name: Decide Modification Type

Type: Text Rule

Input:

ATTRIBUTE	TYPE	DESCRIPTION
-----------	------	-------------

List of Banking Data Changes	Collection	Abstracted list of changes done to the business partner payment data. The abstraction ensures only the necessary attribute (Status) is consumed from the workflow context. Type of modification done to the Bank Data Entry <ol style="list-style-type: none"> 1. ToBeCreate – Creating a new bank record 2. ToBeChanged – Update an existing bank record 3. ToBeDeleted – Delete an existing bank record
------------------------------	------------	--

Result: Modification Type [Internal; used as input to subsequent rule execution]

ATTRIBUTE	TYPE	DESCRIPTION
Modification Type	String	Depending on the rule, return the type of change done to the record

Rule Definition

The Decide Modification Type policy is defined as a text rule.

The sample decision performs an aggregation on the collection and counts the number of records being deleted, changed or created. If there is any deletion, the result is set to 'ToBeDeleted', else if there are any changes (no deletions), the result is set to 'ToBeChanged, else, if there are creations (no delete, no changes), the result is set to 'ToBeCreated'

The result of this rule is used in the subsequent rule execution. This is how the rule is orchestrated.

Text Rule

If

Then
ChangeType:

Else If (1)

Then
ChangeType:

Else
ChangeType:

Rule Name: Determine Payment Data Change Approvers

Type: Decision Table

Input:

ATTRIBUTE	TYPE	DESCRIPTION
Business Partner Details	Structure	Details about the Business Partner Category and Region <ul style="list-style-type: none"> • Business Partner Country/Region – Region of the business partner. This is used to assign the approval step to the designated regional management • Business Partner Category – Individual or Organization. This is used to assign the approval based on with necessary attention to the type of business partner
Approval Level	String	Desired approval level assigned to the process step. The prescribed format is 'Level N' where N is 1, 2, 3... If any changes are done to this variable, make sure that the proper value is provided to the Approval Step while configuring the Process Variant.
Modification Type	String	Result of the 'Decide Modification Type' rule

Result:

ATTRIBUTE	TYPE	DESCRIPTION
Approver Group ID	String	A group ID that is assigned to the authorized persona. Group IDs in an Identity Provider service allows for grouping of users based on roles and responsibilities. The customer can change values based on their IDP configurations. Alternatively, the group ids used in the business decision can be maintained in the customer's IDP system.

Rule Definition

The Determine Payment Data Change Approvers is defined as a decision table.

The sample decision returns the Approval Group ID based on the Business Partner Category, Business Partner Country/Region, Approval Level and Type of changes done to the business partner

Determine Payment Data Change Approvers



General Information:
Decision: Determine Approvers
Status: Revised Content

Description:
Determine Recipient Group to be assigned to the Approval Task for changes done to the Business Partner's Payment Details. The decision is based on Country and Category of the Business Partner, Type of Changes on the Payment Details And Approval Level.

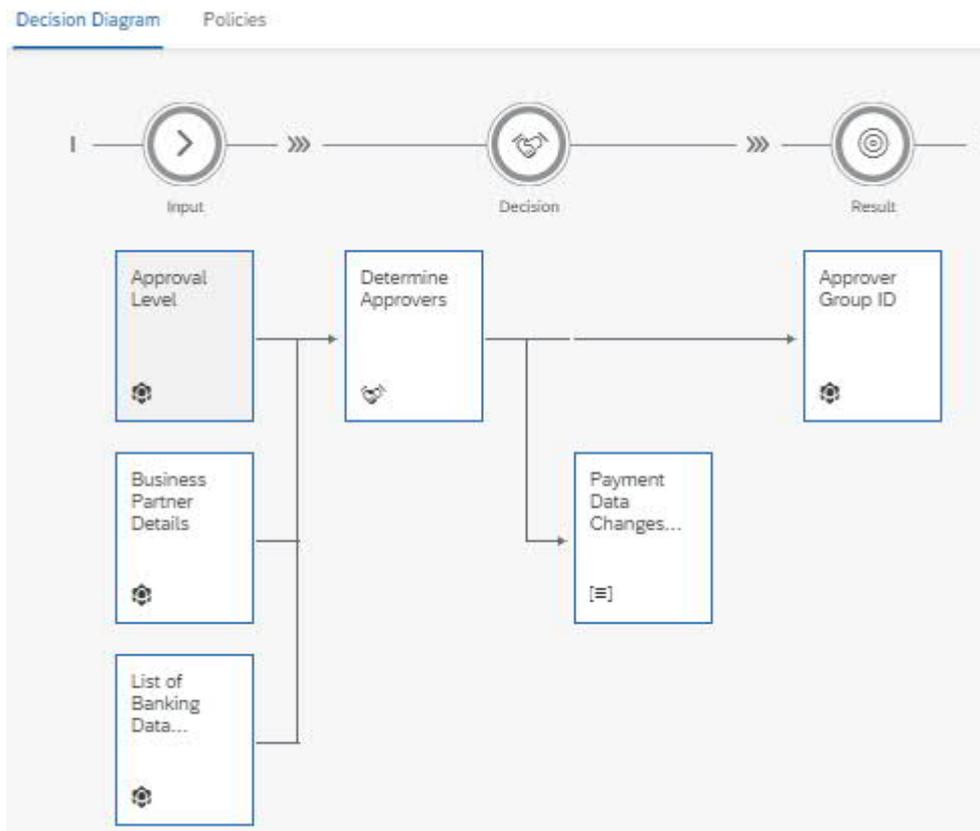


Decision Table				
If				Then
Business Partner Details,Category	Business Partner Details,Country	Approval Level	Type of Change	Recipient Group ID
- '1'	- 'US'	- 'Level 1'	- 'ToBeDeleted'	'BUPA_ORG_DEL_APPR_LM_US'
- '1'	- 'US'	- 'Level 1'	- 'ToBeChanged'	'BUPA_ORG_UPD_APPR_LM_US'
- '1'	- 'US'	- 'Level 1'	- 'ToBeCreated'	'BUPA_ORG_CRT_APPR_LM_US'
- '2'	- 'US'	- 'Level 1'	- 'ToBeDeleted'	'BUPA_INDV_DEL_APPR_LM_US'
- '2'	- 'US'	- 'Level 1'	- 'ToBeChanged'	'BUPA_INDV_UPD_APPR_LM_US'

Consider the following while modifying the decision table:

- You can add or remove conditions for additional Business Partner Country/Region.
- Ideally, there are two types of business partner categories maintained in the S/4HANA system. 1 – Individual, 2 - Organization
- The value defined for the condition "Approval Level" should match the input as provided in the approval step property – Approval Level while defining the variant.
- The Recipient Group ID can either be created in the identity management software/service, or, can be replaced with the groups that are already defined in it.

Rule service Name: *Determine Approvers*



Payment Data Changes Approval Policy

Policy to decide whom the Approval Task of Business Partner Payment Changes should be assigned to.

Priority: 50.00

Rules

Name	Description	Type	Changed On
Decide Modification Type	Find out if the changes done to the Business Partner Payment details involves any Deletions, Creations or Updates. Subsequently, the result of this rule is used to orchestrate the subsequent Determine Approvers rule.	Text Rule	>
Determine Payment Data Change Approvers	Determine Recipient Group to be assigned to the Approval Task for changes done to the Business Partner's Payment Details. The decision is based on Country and Category of the Business Partner, Type of Changes on the Payment Details And Approval Level	Decision Table	>

Process Visibility

Process visibility enables Process Owners and Process Operators to gain real time visibility on processes and key process performance indicators. Process visibility capability in SAP Workflow Management enables customers gain out of the box process visibility into their deployed processes. Please refer [help documentation](#) for more details.

Business Partner Payment Data Changes

The content package provides out of the box visibility on all the deployed process variants of **Business Partner Payment Data Changes Approval** process. A process owner or line of business expert will be able to enhance the visibility scenario.

Configure Visibility Scenarios

1. Go to Process Flexibility Cockpit
2. Select **Business Partner Payment Data Change Approval**
3. Click Visibility Scenarios
4. Select **Business Partner Payment Data Changes**

Please go through [help documentation](#) how to model a visibility scenario.

Business Partner Payment Data Changes (Payment_Data_Changes)

[Save](#) [Activate](#)

The screenshot displays the configuration interface for the 'Payment Data Changes Approval Process'. The interface includes a navigation menu on the left with options like 'General', 'Processes', 'Correlation', 'Phases', 'State', 'Status', 'Attributes', 'Actions', and 'Performance Indicators'. The main area is divided into two sections: 'Events' and 'Context'. The 'Events' section lists five event types: 'Payment Data Changes Approval Process Completed', 'Payment Data Changes Approval Process Failed', 'Payment Data Changes Approval Process Cancelled', 'Payment Data Changes Approval Process Suspended', and 'Payment Data Changes Approval Process Resumed'. The 'Context' section contains a table with columns for Name, ID, Path, and Data Type, listing five context items: 'Approval Level', 'Country/Region', 'Business Partner Category', 'Variant', and 'Variant ID'. Each item has an edit icon.

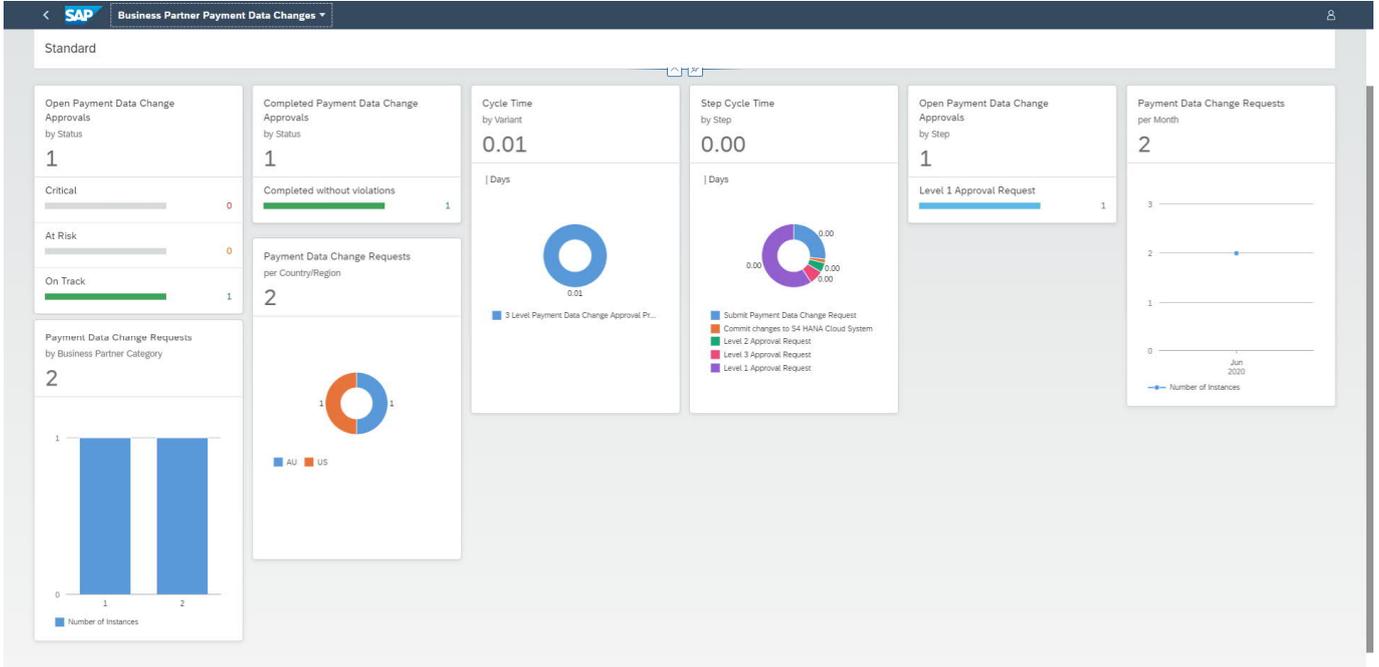
Name	ID	Path	Data Type
Approval Level	ApprovalLevel	ApprovalLevel	String
Country/Region	Country	Country	String
Business Partner Category	Category	Category	String
Variant	variantName	variantName	String
Variant ID	variantId	variantId	String

Access Process Workspace

1. Go to Process Flexibility Cockpit

2. Select **Business Partner Payment Data Change Approval**
3. Click Live Process Insights **Business Partner Payment Data Changes**

Please go through [help documentation](#) how to access process workspace.



Starting a Process Variant

Activating a Process Variant creates a new Workflow Definition, which can then be operated like any other workflow. To start the workflow for a given variant, three steps are necessary:

- Determine Workflow Definition Id
- Define Start Payload (Initial Context)
- Start the workflow via Start Form, via custom UI5 application, or via API call

Determine Workflow Definition Id

Once the process variant is activated, you can get the details such as workflow definition ID etc. by searching for it in the Manage Workflow Definitions application.

Define Start Payload (Initial Context)

The following context payload must be provided to start the workflow instance.

```
{
  "Requester": {
    "FirstName": "<first_name_of_requester>",
    "LastName": "<last_name_of_requester>",
    "RequestDate": "YYYY-MM-DD",
    "Email": "<requester_email_ID>",
    "Comments": "<Requester Comments>"
  },
  "Assignee": {
    "Email": "<assignee_email_ID>",
    "UserId": "<userID_of_assignee>",
    "FirstName": "<first_name_of_assignee>",
    "LastName": "<last_name_of_assignee>"
  },
  "BusinessPartner": "<Business Partner ID>",
  "TerminateFlow": false
}
```

FIELD	COMMENT
BusinessPartner	The Business Partner ID
TerminateFlow	Flag indicating whether the process steps need to be terminated
Assignee	Details of the user who is assigned the responsibility of modifying the Business Partner Payment Data Changes. The user task in the first

	process step 'RequestProcessDataChange' is assigned to this user.
Requester	Requester details. They will be intimated of the progress of the change request

Start the workflow

Please refer to the documentation for [Creating a Start UI](#) with UI5 or [using Forms](#).

Alternatively, a workflow can be started via API. See the [API Reference](#) for "Workflow Instances" – "Start a new Instance" by issuing a REST POST call to the /v1/workflow-instances endpoint.

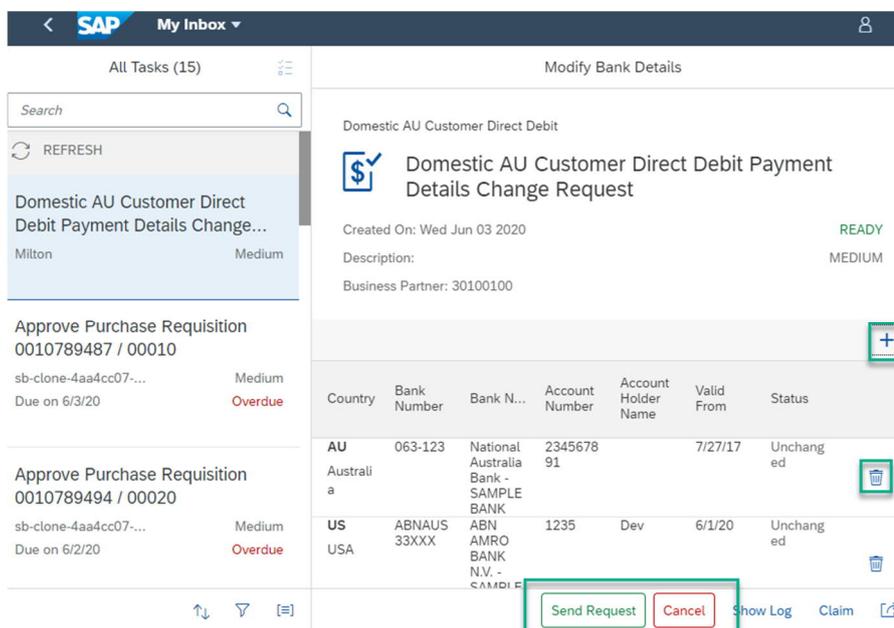
Using the Business Partner Payment Data Change Approval workflow

Changing the Business Partner Payment Data

When the process starts, the existing Bank Data and additional business partner details are retrieved from the SAP S/4HANA system.

These details are passed to the assignee. An SAP UI5 application is used as the Custom Task UI. It allows the user to further modify the Business Partner Payment Details. You can add a new bank detail by clicking the '+' button, change existing bank details, or delete an existing record.

Example screenshot of the Modify Bank Details Custom Task UI



Approving the Payment Data Changes

Each defined Approval step will create a task for the respective approver, as defined by the Business Rule.

The approver will be able to view the changed Payment Data for the business partner:

- **Approve:** the approval request will continue with the next step, which can be an additional approval, or the final step to commit the changes to the backend
- **Reject:** the details will be returned to the 'Assignee' to rework on. If the assignee decides to change the data, it will be sent for approval again. If not, the process will be terminated.

Example screenshot of the Approve Bank Data Changes Custom Task UI

All Tasks (15)



Search

REFRESH

Reserved by You

'Domestic AU Customer Direct Debit' Payment Details Change...

Milton

Medium

Approve Purchase Requisition
0010789487 / 00010

sb-clone-4aa4cc07-...

Medium

Due on 6/3/20

Overdue

Approve Purchase Requisition
0010789494 / 00020

sb-clone-4aa4cc07-...

Medium

Due on 6/2/20

Overdue



Approve Business Partner Bank Detail Changes

Domestic AU Customer Direct Debit



'Domestic AU Customer Direct Debit' Payment Details Change Request

Created On: Wed Jun 03 2020

RESERVED

Description:

MEDIUM

Business Partner: [30100100](#)

Country	Bank Number	Bank Name	Account Number	Account Holder Name	Valid From	Status
US	ABNAUS33	ABN AMRO	1235	Dev	6/1/20	Changed
USA	XXX	BANK N.V. - SAMPLE BANK				

[Approve](#) [Reject](#) [Show Log](#) [Release](#)

Appendix

Setup Countries CDS-View for Value Help

SAP S/4HANA uses the two letter ISO codes for the countries. When the country field of an address needs to be changed, then the new address must be from the two letter ISO codes list. To make the country field human readable in the UI, the country codes that are supported in SAP S/4HANA will be used. To get the list, we are going to create a Custom CDS View.

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 View

Procedure

1. Create a Custom CDS View with the **Name** YY1_COUNTRIES_ISO and **Label** "Countries". (**Note:** please stick to the naming, since it will be reused in the sample application. If the naming does not match the integration will not work)
2. Choose **OData API** check box.
3. Choose **Add > Add Primary Data Source**.
4. Choose the data source with the name "I_CountryText" and choose **Add**.
5. Choose **Add > Add Associated Data Source**.
6. Choose the data source with the name "I_Country" and choose **Add**.
7. Choose **Edit Association Properties** () in the **Actions** column.
8. In **Associated Data Source Fields**, choose "Country". Leave the **Operator** as equal and in **Value** choose "Country".
9. Choose **OK**.
10. Repeat the step 8 to 10 for I_Language to add the language as an **Associated Data Source**.
11. In **Associated Data Source Fields**, choose Language. Leave the **Operator** as equal and in **Value** choose "Language".
12. Choose **OK**.
13. Choose **Save Draft**.
14. Choose **Field Selection** tab.
15. Fields needed to be selected are Country, Language (are already selected since they are key fields) and select the CountryName field in addition.

Selected Fields and Associations (3) Search Add

Name	Field Type	Alias	Label	Actions
I_CountryText.Country	Key <input type="button" value="v"/>	Country	Country Key	<input type="button" value="i"/> <input type="button" value="x"/>
I_CountryText.Language	Key <input type="button" value="v"/>	Language	Language Key	<input type="button" value="i"/> <input type="button" value="x"/>
I_CountryText.CountryName	Field <input type="button" value="v"/>	CountryName	Long name	<input type="button" value="x"/>

16. Choose **Filters** tab.

17. Choose Edit.
18. Choose Fields.
19. Choose the LanguageISOCode field from the dropdown.

 Note

The field name may vary with the variable name given to the language field in previous steps. This field name is “_I_Language_2.LanguageISOCode” if the defaults are preserved.

20. Complete the formula with “=‘EN’”.

 Note

The complete formula will then look like “_I_Language_2.LanguageISOCode=‘EN’”.

21. Choose [Apply](#).
22. Choose [Save Draft](#) and choose [Preview](#).

 Note

You should see in the table the fields Country Key (2 letters ISO Code), Language Key and Long Name of the countries in English.

23. Choose [Publish](#). After successful publishing, OData API will be created automatically.

Setup OData Service based on Custom CDS View

Procedure

First, we need to create a custom communication scenario for our CDS view.

1. Access the SAP Fiori launchpad.
2. To launch the [Custom Communication Scenarios](#) SAP Fiori app, choose the corresponding SAP Fiori tile in the [Extensibility](#) catalog.
3. Choose [New](#) and enter a name and description then choose [New](#).
4. Choose [Inbound Services](#) tab and choose [Add](#).
5. In the opening dialog, choose the service that was created in the previous step while creating the Custom CDS view.

 Note

The service name will be the name of the [Custom CDS View](#) followed by “_CDS”.

6. Choose [OK](#).
7. Choose [Publish](#).

Now we need to create a communication arrangement.

8. Access the SAP Fiori launchpad.
9. To launch the [Communication Arrangement](#) SAP Fiori app, choose the corresponding SAP Fiori tile in the [Communication Management](#) catalog.
10. Choose [New](#).
11. Choose [Scenario](#) field.
12. Choose the custom communication scenario created in the previous step from the dialog.
13. Enter an [Arrangement Name](#).
14. Choose [Create](#).

15. Choose [Communication System](#) field value helper to open the dialog and choose the system which you created in the section Create Communication System.

i Note

The [User Name](#) for [Inbound Communication](#) should be automatically filled (e.g. [WORKFLOW_API_USER](#)).

16. Choose [Save](#).

i Note

In the [Inbound Services](#) section, you can see the [Service URL / Service Interface](#).

Setup API for Banks to enable value help for all banks

Procedure

1. Access the SAP Fiori launchpad.
2. Go to the [Communication Arrangements](#) app in catalog [Communication Management](#).
3. To create a new communication arrangement, choose [New](#).
4. To create a communication arrangement for Finance – Bank Integration API, select [SAP_COM_0127](#).
5. Adapt the [Arrangement Name](#) if required.
6. Choose [Create](#).
7. In the [Common Data](#) section, from the input help, select the [Communication System](#) that was also used during the setup of the other APIs/ CDS- Views.
8. The technical user is automatically added to the [Inbound Communication](#) section.
9. Save your changes.
10. Check that the communication arrangements have been activated (the status [Active](#) must be visible).