

How-To Guide: Configure Rule-Based Workflow (BRF+) for Parallel and Hybrid Approval for SAP Asset Information Workbench (AIW) by Utopia

Applies to

SAP Asset Information Workbench (AIW 3.0) by Prometheus Group.

Summary

This How-To guide shows the steps to Create New Mixed Multi-Object Change Request (MOCR) type in AIW and configure the BRF+ workflow (Parallel Approval).

Same steps need to be followed for Hybrid Approval.

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Company: Prometheus Group.

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Version: 1.0

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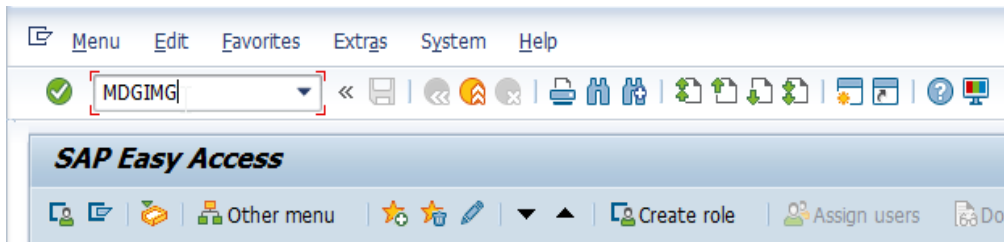
Introduction

This document demonstrates how to create new custom MOCR “ZAIWEAM” as copy of standard MOCR “AIWEAM0P” and configure BRF+ rule-based workflow for newly created MOCR.

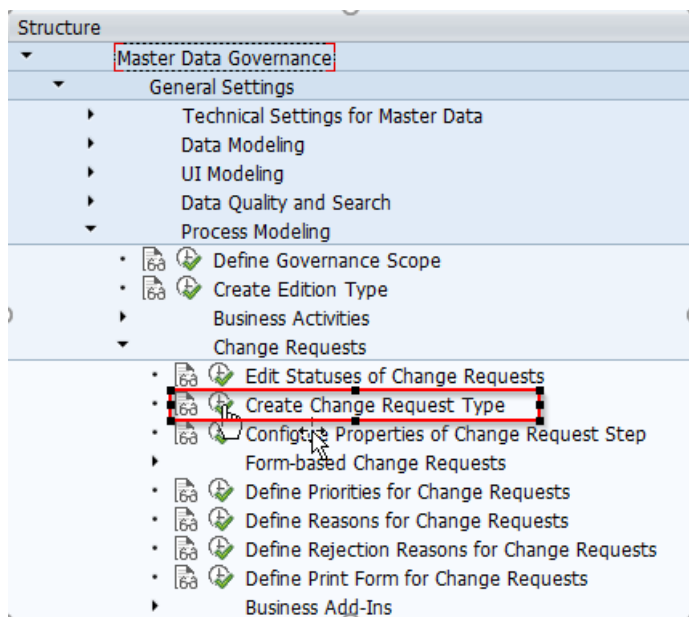
Steps to Create New MOCR

Use the following steps to create a new MOCR:

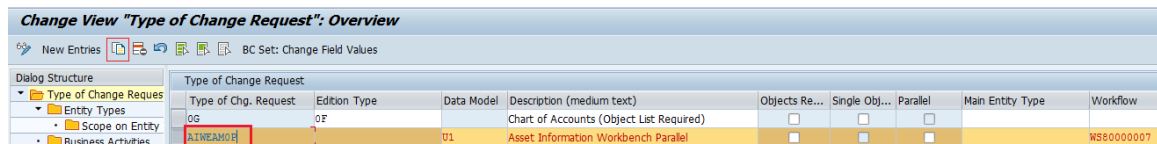
1. Execute transaction “MDGIMG” to customize AIW.



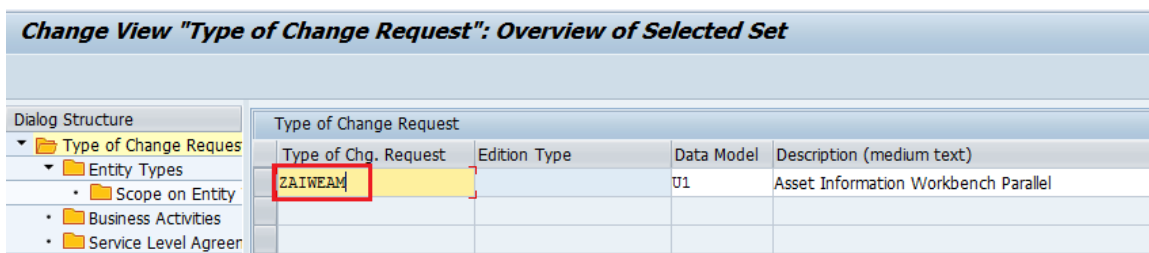
2. Execute “Create Change Request Type” by accessing the menu path Master Data Governance > General Settings > Process Modeling > Change Requests > Create Change Request Type.



3. Select the AIW delivered Change Request type “AIWEAM0P” and copy to create new MOCR.

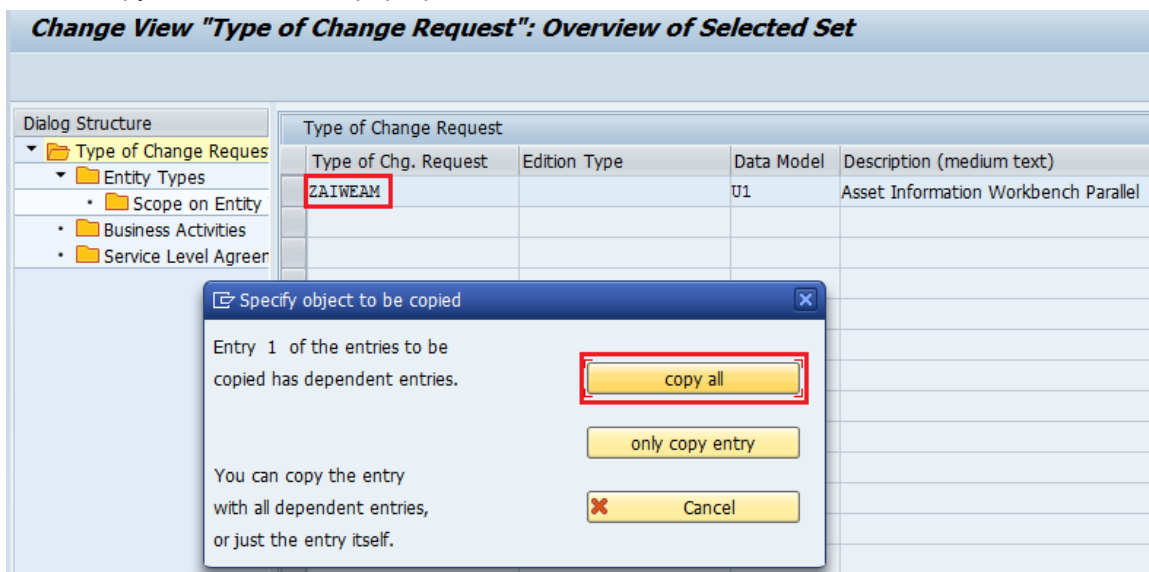


4. Enter “ZAIWEAM” as the type of new Change Request and click Enter.

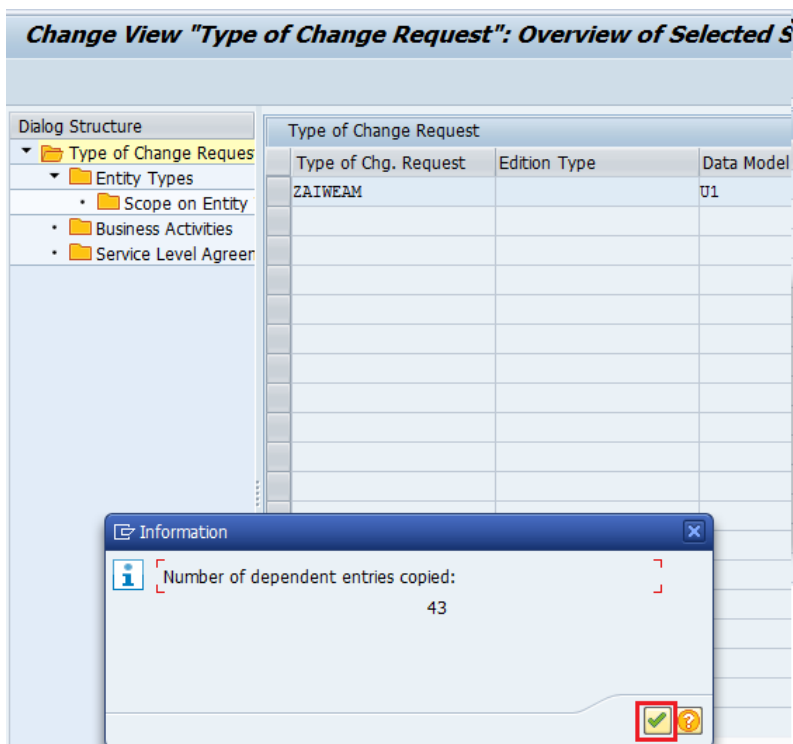


A pop-up window is displayed.

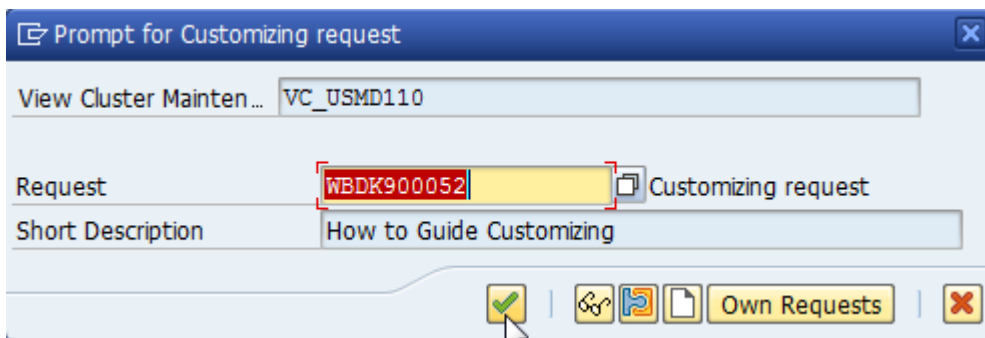
5. Select "copy all" button in the pop-up window.



The following screen is displayed where the number of dependent entries copied are displayed.



6. Select  to continue.



7. Enter the Customizing request and save the changes.

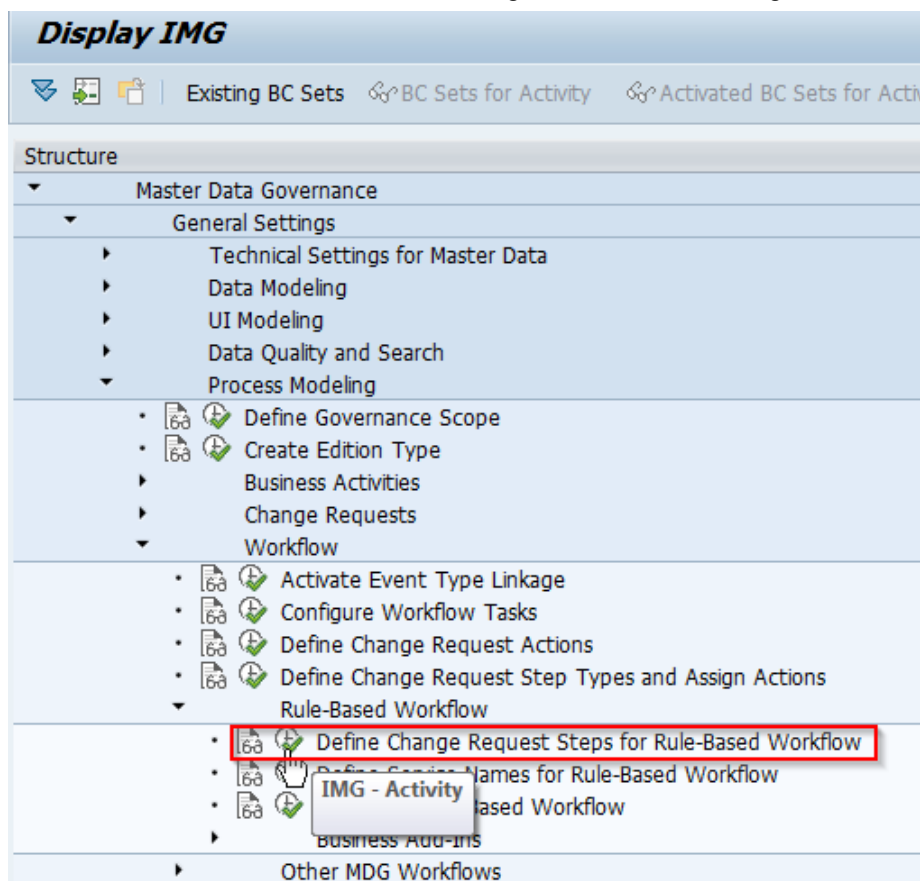
i Note

Workflow template WS80000007 is assigned to the newly created change request type which is designed to work only with Business Rule Framework (BRF+) and handles parallel approval of technical objects within MOCR.







Define CR steps for BRF+ Rule Based Workflow

The following steps describe how to define two level step parallel workflow approval process for the newly created change request type in above step.

1. Execute "Define Change Request Steps for Rule-Based Workflow" by accessing the menu path Master Data Governance > General Settings > Process Modelling > Rule-Based Workflow.



- Select all the CR step defined for change request type “AIWEAM0P” and click the “copy” button.

Change View "Workflow Step Numbers": Overview					
 New Entries     					
Workflow Step Numbers					
Type of Chg. Request	CR Step	Keys	Validation	Description (medium text)	
AIWEAM0P	0	<input type="checkbox"/>	<input type="checkbox"/>	Processing	
AIWEAM0P	20	<input type="checkbox"/>	<input type="checkbox"/>	Equipment Revision Processing	
AIWEAM0P	21	<input type="checkbox"/>	<input type="checkbox"/>	Functional Location Revision Processing	
AIWEAM0P	22	<input type="checkbox"/>	<input type="checkbox"/>	Measuring Points Revision Processing	
AIWEAM0P	23	<input type="checkbox"/>	<input type="checkbox"/>	Work Center Revision Processing	
AIWEAM0P	24	<input type="checkbox"/>	<input type="checkbox"/>	Maintenance Plan Revision Processing	
AIWEAM0P	25	<input type="checkbox"/>	<input type="checkbox"/>	General Task List Revision Processing	
AIWEAM0P	26	<input type="checkbox"/>	<input type="checkbox"/>	Func. Loc. Task List Revision Processing	
AIWEAM0P	27	<input type="checkbox"/>	<input type="checkbox"/>	Equipment Task List Revision Processing	
AIWEAM0P	28	<input type="checkbox"/>	<input type="checkbox"/>	MRO BOM Revision Processing	
AIWEAM0P	40	<input type="checkbox"/>	<input type="checkbox"/>	Equipment Specialist	
AIWEAM0P	41	<input type="checkbox"/>	<input type="checkbox"/>	Functional Location Specialist	
AIWEAM0P	42	<input type="checkbox"/>	<input type="checkbox"/>	Measuring Points Specialist	
AIWEAM0P	43	<input type="checkbox"/>	<input type="checkbox"/>	Work Center Specialist	
AIWEAM0P	44	<input type="checkbox"/>	<input type="checkbox"/>	Maintenance Plan Specialist	
AIWEAM0P	45	<input type="checkbox"/>	<input type="checkbox"/>	General Task List Specialist	
AIWEAM0P	46	<input type="checkbox"/>	<input type="checkbox"/>	Func. Loc. Task List Specialist	
AIWEAM0P	47	<input type="checkbox"/>	<input type="checkbox"/>	Equipment Task List Specialist	
AIWEAM0P	48	<input type="checkbox"/>	<input type="checkbox"/>	MRO BOM Specialist	

Continued screen.

AIWEAM0P	60	<input type="checkbox"/>	<input type="checkbox"/>	Equipment Stewart
AIWEAM0P	61	<input type="checkbox"/>	<input type="checkbox"/>	Functional Location Stewart
AIWEAM0P	62	<input type="checkbox"/>	<input type="checkbox"/>	Measuring Points Stewart
AIWEAM0P	63	<input type="checkbox"/>	<input type="checkbox"/>	Work Center Stewart
AIWEAM0P	64	<input type="checkbox"/>	<input type="checkbox"/>	Maintenance Plan Stewart
AIWEAM0P	65	<input type="checkbox"/>	<input type="checkbox"/>	General Task List Stewart
AIWEAM0P	66	<input type="checkbox"/>	<input type="checkbox"/>	Func. Loc. Task List Stewart
AIWEAM0P	67	<input type="checkbox"/>	<input type="checkbox"/>	Equipment Task List Stewart
AIWEAM0P	68	<input type="checkbox"/>	<input type="checkbox"/>	MRO BOM Stewart
AIWEAM0P	80	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Final Check
AIWEAM0P	91	<input type="checkbox"/>	<input type="checkbox"/>	Activation
AIWEAM0P	92	<input type="checkbox"/>	<input type="checkbox"/>	Withdraw
AIWEAM0P	93	<input type="checkbox"/>	<input type="checkbox"/>	Validation
AIWEAM0P	95	<input type="checkbox"/>	<input type="checkbox"/>	Revision Processing
AIWEAM0P	99	<input type="checkbox"/>	<input type="checkbox"/>	Complete

The selected steps are displayed as in the following screen.

- Enter Change Request type as “ZAIWEAM” for all the steps and click Enter.

New Entries


Workflow Step Numbers

Type of Chg. Request	CR Step	Keys	Validation	Description (medium text)
ZAIWEAM	0	<input type="checkbox"/>	<input type="checkbox"/>	Processing
ZAIWEAM	20	<input type="checkbox"/>	<input type="checkbox"/>	Equipment Revision Processing
ZAIWEAM	21	<input type="checkbox"/>	<input type="checkbox"/>	Functional Location Revision Processing
ZAIWEAM	22	<input type="checkbox"/>	<input type="checkbox"/>	Measuring Points Revision Processing
ZAIWEAM	23	<input type="checkbox"/>	<input type="checkbox"/>	Work Center Revision Processing
ZAIWEAM	24	<input type="checkbox"/>	<input type="checkbox"/>	Maintenance Plan Revision Processing
ZAIWEAM	25	<input type="checkbox"/>	<input type="checkbox"/>	General Task List Revision Processing
ZAIWEAM	26	<input type="checkbox"/>	<input type="checkbox"/>	Func. Loc. Task List Revision Processing
ZAIWEAM	27	<input type="checkbox"/>	<input type="checkbox"/>	Equipment Task List Revision Processing
ZAIWEAM	28	<input type="checkbox"/>	<input type="checkbox"/>	MRO BOM Revision Processing
ZAIWEAM	40	<input type="checkbox"/>	<input type="checkbox"/>	Equipment Specialist
ZAIWEAM	41	<input type="checkbox"/>	<input type="checkbox"/>	Functional Location Specialist
ZAIWEAM	42	<input type="checkbox"/>	<input type="checkbox"/>	Measuring Points Specialist
ZAIWEAM	43	<input type="checkbox"/>	<input type="checkbox"/>	Work Center Specialist
ZAIWEAM	44	<input type="checkbox"/>	<input type="checkbox"/>	Maintenance Plan Specialist
ZAIWEAM	45	<input type="checkbox"/>	<input type="checkbox"/>	General Task List Specialist
ZAIWEAM	46	<input type="checkbox"/>	<input type="checkbox"/>	Func. Loc. Task List Specialist
ZAIWEAM	47	<input type="checkbox"/>	<input type="checkbox"/>	Equipment Task List Specialist
ZAIWEAM	48	<input type="checkbox"/>	<input type="checkbox"/>	MRO BOM Specialist


...

ZAIWEAM	60	<input type="checkbox"/>	<input type="checkbox"/>	Equipment Stewart
ZAIWEAM	61	<input type="checkbox"/>	<input type="checkbox"/>	Functional Location Stewart
ZAIWEAM	62	<input type="checkbox"/>	<input type="checkbox"/>	Measuring Points Stewart
ZAIWEAM	63	<input type="checkbox"/>	<input type="checkbox"/>	Work Center Stewart
ZAIWEAM	64	<input type="checkbox"/>	<input type="checkbox"/>	Maintenance Plan Stewart
ZAIWEAM	65	<input type="checkbox"/>	<input type="checkbox"/>	General Task List Stewart
ZAIWEAM	66	<input type="checkbox"/>	<input type="checkbox"/>	Func. Loc. Task List Stewart
ZAIWEAM	67	<input type="checkbox"/>	<input type="checkbox"/>	Equipment Task List Stewart
ZAIWEAM	68	<input type="checkbox"/>	<input type="checkbox"/>	MRO BOM Stewart
ZAIWEAM	80	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Final Check
ZAIWEAM	91	<input type="checkbox"/>	<input type="checkbox"/>	Activation
ZAIWEAM	92	<input type="checkbox"/>	<input type="checkbox"/>	Withdraw
ZAIWEAM	93	<input type="checkbox"/>	<input type="checkbox"/>	Validation
ZAIWEAM	95	<input type="checkbox"/>	<input type="checkbox"/>	Revision Processing
ZAIWEAM	99	<input type="checkbox"/>	<input type="checkbox"/>	Complete




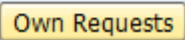

- Click "Save" button.

 Prompt for Customizing request

View Maintenance: D...

Request  Customizing request

Short Description

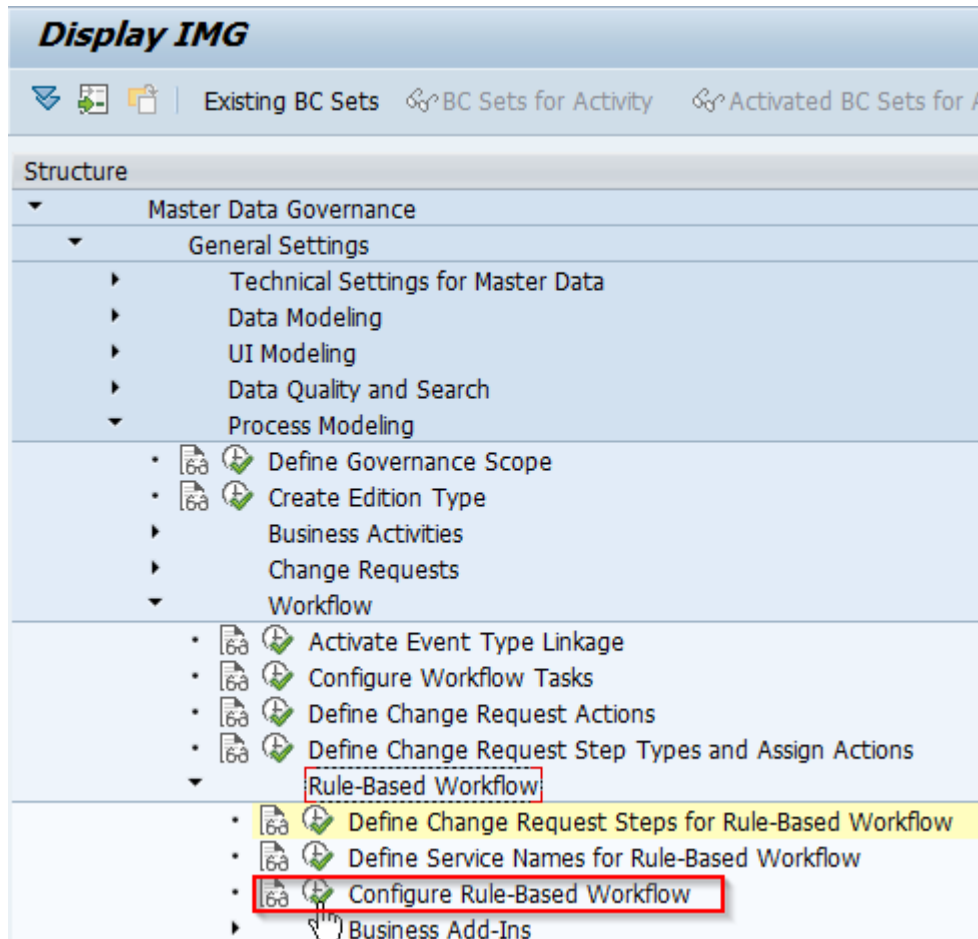






5. Enter the Customizing request and save the changes.

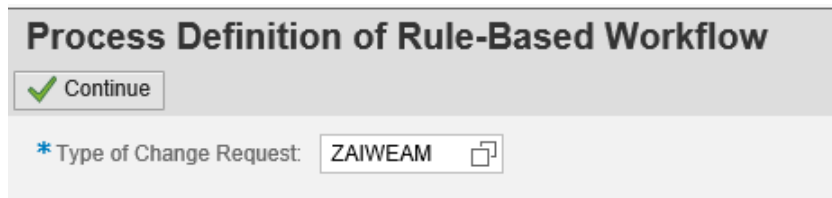
Configure Rule based Workflow

The final step is to set up the BRF+ application for the new Change Request type with the step types defined above.

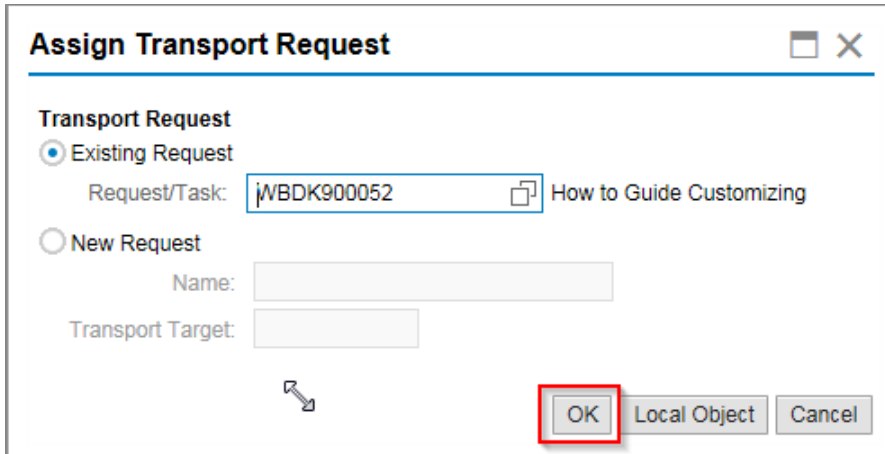
1. Execute Configure Rule-Based Workflow by accessing the menu path Master Data Governance > General Settings > Workflow > Rule-Based Workflow > Configure Rule-Based Workflow.



2. In the browser enter the Change Request type "ZAIWEAM" and click "Continue".



3. Assign a transport request and click "OK" button.



Assign Transport Request

Transport Request

☒ Existing Request

Request/Task: [How to Guide Customizing](#)

☐ New Request

Name:

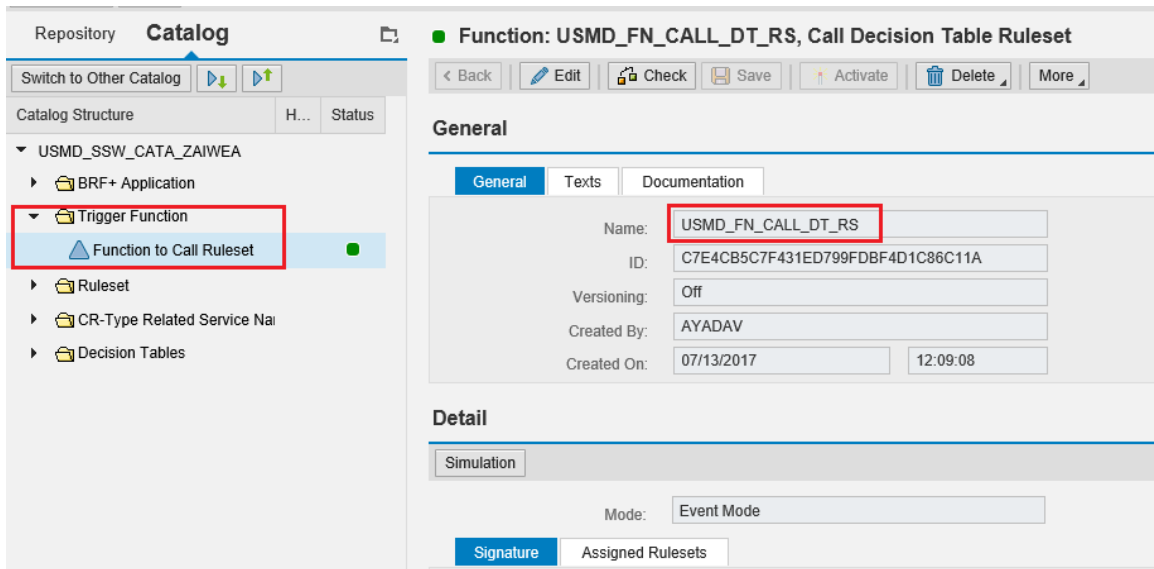
Transport Target:

Add Function “Entity Type” to BRF+ Application

This step describes the process to route the workflow parallelly according to the entity type available in the MOCR.

Use the following steps to add function Entity Type to BRF+ Application:

1. Navigate to the signature section of function “USMD_FN_CALL_DT_RS” in edit mode in BRF+ browser as in the following screen.



Repository **Catalog**

Switch to Other Catalog

Catalog Structure H... Status

- USMD_SSW_CATA_ZAIWEA
 - BRF+ Application
 - Trigger Function**
 - Function to Call Ruleset**
 - Ruleset
 - CR-Type Related Service Na
 - Decision Tables

Function: USMD_FN_CALL_DT_RS, Call Decision Table Ruleset

General

General **Texts** **Documentation**

Name:

ID:

Versioning:

Created By:

Created On:

Detail

Simulation

Mode:

Signature **Assigned Rulesets**

2. Include element “USMD_ENTITY” by clicking “Add New Data Object” as in the following screen.

Function: USMD_FN_CALL_DT_RS, Call Decision Table Ruleset

[Back](#) [Display](#) [Check](#) [Save](#) [Activate](#) [Delete](#) [More](#)

General

General | Texts | Documentation

Name: **USMD_FN_CALL_DT_RS** [Rename](#)

ID: C7E4CB5C7F431ED799FDBF4D1C86C11A

Versioning: Off

Created By: AYADAV

Created On: 07/13/2017 12:09:08

Detail

Simulation

Mode: Event Mode

Signature | Assigned Rulesets

Context

[Add Existing Data Object](#) [Add New Data Object](#) [Remove](#) [Down Arrow](#) [Up Arrow](#)

3. Select the Type as “Element” from the drop-down list and select the Binding Type as “Bind to DDIC element” from the drop-down list.

Create Object

General data

Type: **Element**

* Name:

Short Text:

Text:

Application: USMD_BU1431T1CAIOGR0RRQ9VV0ZYY

Element

Properties

Define Data Binding **Element Attributes**

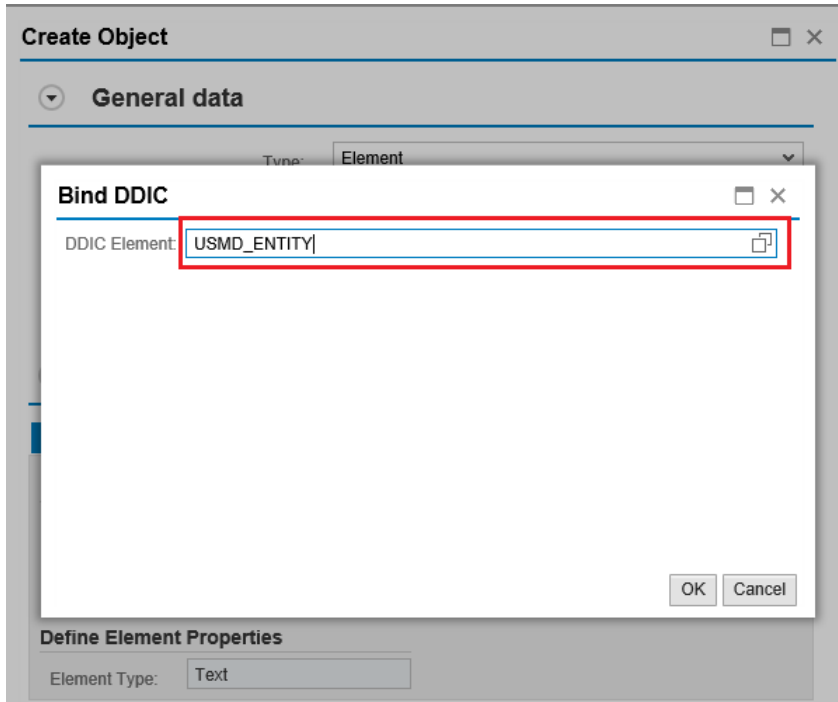
Binding Type: **No Binding** Length: 255

Define Element

Element Type: **No Binding**

[Create](#) [Create And Navigate To Object](#) [Cancel](#)

4. Enter DDIC Element as “USMD_ENTITY” and click “OK” button.



Create Object

General data

Type: Element

Bind DDIC

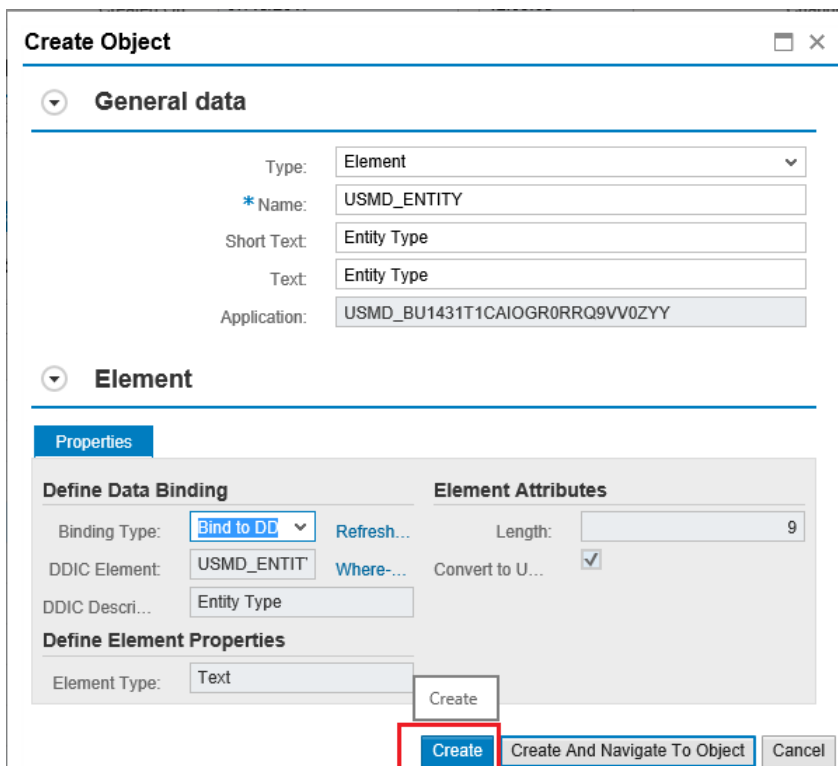
DDIC Element: USMD_ENTITY

OK Cancel

Define Element Properties

Element Type: Text

5. Click "Create" as displayed in the following screen.



Create Object

General data

Type: Element

* Name: USMD_ENTITY

Short Text: Entity Type

Text: Entity Type

Application: USMD_BU1431T1CAIOGR0RRQ9VV0ZYY

Element

Properties

Define Data Binding

Binding Type: Bind to DD Refresh...

DDIC Element: USMD_ENTIT Where...

DDIC Descri... Entity Type

Element Attributes

Length: 9

Convert to U... ☒

Define Element Properties

Element Type: Text

Create

Create Create And Navigate To Object Cancel

The data object is added as in following screen.

Detail

Simulation

Mode: Event Mode

Signature Assigned Rulesets

Context

Add Existing Data Object Add New Data Object Remove

Component Name	Text	Type
CR_REASON_REJ	CR Rejection Reason	Element (Text)
CR_TYPE	Chng. Req. Type	Element (Text)
PARENT_STEP	CR Parent Step	Element (Text)
PAR_AGT_GRP_NUM	Parallel Agt Grp No.	Element (Text)
PREVIOUS_ACTION	Previous Action	Element (Text)
PREVIOUS_STEP	CR Previous Step	Element (Text)
S_SINGLE_VALUE	Cond. Result Header	Structure
T_NON_USER_AGENT_GROUP	Non-User Agent Group	Table
T_USER_AGENT_GROUP	User Agent Group	Table
USMD_ENTITY	Entity Type	Element (Text)

6. Click "Save" button.

Function: USMD_FN_CALL Save (Ctrl+S) Decision Table Ruleset

Back Display Check Save Activate Delete More

General

General Texts Documentation

Name: USMD_FN_CALL_DT_RS Rename

ID: C7E4CB5C7F431ED799FDBF4D1C86C11A

Versioning: Off

Created By: AYADAV

Created On: 07/13/2017 12:09:08

7. Click "Activate" button.

Function: USMD_FN_CALL_DT_RS, Activate (Ctrl+A) Table Ruleset

Back Display Check Save Activate Delete More

General

General Texts Documentation

Name: USMD_FN_CALL_DT_RS Rename

ID: C7E4CB5C7F431ED799FDBF4D1C86C11A


Versioning: Off

Created By: AYADAV

Created On: 07/13/2017 12:09:08

The Confirm Activation screen is displayed as in the following:

Confirm Activation


Do you really want to activate Call DT Ruleset?

☒ Include Referenced Objects

Objects to be Activated

Name	Text	Type
USMD_ENTITY		Element (Text)

Yes

Yes

Open Mass Change Tool


No and display warnings

8. Click “Yes” button. The confirmation message is displayed as in the following screen.

Business Rule Framework plus


Workbench

Tools

 Objects saved and activated

Repository

Catalog

 Function: USMD_FN_CALL_DT_RS, Call Decision Table Ruleset

Add New Column in Decision Table

Use the following steps to add a new column in the Decision table:

- Navigate to “Single Value Decision Table” by following the menu path under “Decision Tables” of the BRF+ application.


Business Rule Framework plus

Workbench



Tools

Repository

Catalog

 Decision Table: DT_SINGLE_VAL_ZAIWEAM

Switch to Other Catalog

Catalog Structure

H...

Status

USMD_SSW_CATA_ZAIWEA

BRF+ Application

Trigger Function

Function to Call Ruleset

Ruleset

CR-Type Related Service Nai

Decision Tables

Non-User Agent Decision T

User Agent Decision Table

Single Value Decision Table

< Back

Edit

Check

Save

Activate

Delete

More

General

Texts

Documentation

Name:

DT_SINGLE_VAL_ZAIWEAM

ID:

C7E4CB5C7F431ED799FDBF4D1C87211A

Versioning:

Off

Created By:

AYADAV

Created On:

07/13/2017

12:09:08

Detail

Export To Excel

Context Overview

Start Simulation

- Click “Edit” button and click “Table Settings” button in single value decision table.

Decision Table: DT_SINGLE_VAL_ZAIWEAM

[Back](#) [Edit](#) [Check](#) [Save](#) [Activate](#) [Delete](#) [More](#)

General

[General](#) [Texts](#) [Documentation](#)

Name: **DT_SINGLE_VAL_ZAIWEAM** Access Level: Application
ID: C7E4CB5C7F431ED799FDBF4D1C87211A Storage Type: Customizing [Transportable](#)
Versioning: Off Application/Expression Type: RBWF_APP_ZAIWEAM [Decision Table](#)
Created By: AYADAV Changed By: AYADAV
Created On: 07/13/2017 12:09:08 Changed On: 07/13/2017 12:09:08

Detail

[Export To Excel](#) [Context Overview](#) [Start Simulation](#) [Table Settings](#)

Table Contents

Find: [Next](#) [Previous](#) [Table Settings](#)

3. In the pop-up window, select “From Context Data Objects” option from the Condition Columns.

Table Settings

Result Data Object

Settings: ☐ Return all matches found
☒ Return initial value if no match is found
☐ Return Exception for partial match

Result Data Object: [Cond. Result Header](#)

Table Check Settings

Overlap Check Settings: Application Default

Completeness Check Settings: Application Default

List of Columns

Condition Columns

[Insert Column](#) [Remove Column](#) [Move Up](#) [Move Down](#)

















[From Context Data Objects...](#) [From Expression...](#)

	Text	Optional for Processing	Mandatory Input	Column Accessibility
PREVIOUS_STEP	CR Previous Step	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Chan... v
PREVIOUS_AC...	Previous Action	<input type="checkbox"/>	<input type="checkbox"/>	Full Access (Chan... v
CR_PRIORITY	Chng. Req. Priority	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Full Access (Chan... v
CR_REASON	Chng. Req. Reason	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Full Access (Chan... v
CR_REASON_REJ	CR Rejection Reason	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Full Access (Chan... v

4. Select “USMD_ENTITY” in the Context Query pop-up and click “Ok” button.

Search Clear Reset

Result list: 27 objects found

Previous	Next	Show All Objects	Where Used
Object	Status	Type	Application
 Process Pattern		Text	RBWF Main Appl.
 Service Name		Text	RBWF Main Appl.
 Parallel Agt Grp No.		Text	RBWF Main Appl.
Element (Text) : USMD_ENTITY		Text	RBWF Main Appl.
 USMD_ENTITY		Text	RBWF_APP_ZAIWEAM
<div> <div> <div></div> <div>User Agent Group</div> </div> </div>		Structure	RBWF Main Appl.
 Step Type		Text	RBWF Main Appl.
 User Agent Type		Text	RBWF Main Appl.
 User Agent Value		Text	RBWF Main Appl.

5. Move the "USMD_ENTITY" field as the first row of condition column using "Move Up" button.

Table Settings

Result Data Object: **Cond. Result Header**









Table Check Settings

Overlap Check Settings: Application Default

Completeness Check Settings: Application Default

List of Columns









Condition Columns

Insert Column	Remove Column	Move Up	Move Down	
Column Name	Text	Processing	Mandatory Input	Column Accessibility
 PREVIOUS_STEP	CR Previous Step	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Chan... ▼
 PREVIOUS_AC...	Previous Action	<input type="checkbox"/>	<input type="checkbox"/>	Full Access (Chan... ▼
 CR_PRIORITY	Chng. Req. Priority	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Full Access (Chan... ▼
 CR_REASON	Chng. Req. Reason	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Full Access (Chan... ▼
 CR_REASON_REJ	CR Rejection Reason	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Full Access (Chan... ▼
 PARENT_STEP	CR Parent Step	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Full Access (Chan... ▼
 PAR_AGT_GRP...	Parallel Agt Grp No.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Full Access (Chan... ▼
 USMD_ENTITY	Entity Type	<input type="checkbox"/>	<input type="checkbox"/>	Full Access (Chan... ▼

6. Check "Mandatory Input" for column "USMD_ENTITY" and click "OK" button.

List of Columns

Condition Columns

<div> Insert Column Remove Column Move Up Move Down </div>					
Column Name	Text	Optional for Processing	Mandatory Input	Column Accessibility	
 USMD_ENTITY	USMD_ENTITY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Cha...	▼
 PREVIOUS_STEP	CR Previous Step	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Cha...	▼
 PREVIOUS_AC...	Previous Action	<input type="checkbox"/>	<input type="checkbox"/>	Full Access (Cha...	▼
 CR_REASON	Chng. Req. Reason	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Full Access (Cha...	▼
 CR_PRIORITY	Chng. Req. Priority	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Full Access (Cha...	▼
 CR_REASON_REJ	CR Rejection Reason	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Full Access (Cha...	▼
 PARENT_STEP	CR Parent Step	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Full Access (Cha...	▼
 PAR_AGT_GRP...	Parallel Agt Grp No.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Full Access (Cha...	▼

The single value decision table (empty) as displayed in the following screen.

Decision Table: DT_SINGLE_VAL_ZAIWEAM

Back
Display
Check
Save
Activate
Delete
More

General

General
Texts
Documentation

Name: DT_SINGLE_VAL_ZAIWEAM [Rename](#)
Access Level: Application
ID: C7E4CB5C7F431ED799FDBF4D1C87211A
Storage Type: Customizing
Versioning: Off
Application/Expression Type: RBWF_APP_ZAIWEAM
Created By: AYADAV
Changed By: AYADAV
Created On: 07/13/2017 12:09:08
Changed On: 07/13/2017 12:09:08

Detail

Additional Actions
Context Overview
Start Simulation

Table Contents

Find:
Next
Previous
Table Settings

USMD_ENTITY
CR Previous Step
Previous Action
Chng. Req. Reason
Chng. Req. Priority

Table contains no rows. Use "Insert New Row" to add conditions.

7. Click "Save" button.

Decision Table: DT_SINGLE_VAL_ZAIWEAM [Active version available](#)

Back
Display
Check
Save
Activate
Delete
More

General

General
Texts
Documentation

Name: **DT_SINGLE_VAL_ZAIWEAM** [Rename](#)
Access Level: Application
ID: C7E4CB5C7F431ED799FDBF4D1C87211A
Storage Type: Customizing
Versioning: Off
Application/Expression Type: RBWF_APP_ZAIWEAM
Created By: AYADAV
Changed By: AYADAV
Created On: 07/13/2017 12:09:08
Changed On: 07/14/2017 01:21:04

Detail

Additional Actions
Context Overview
Start Simulation

Table Contents

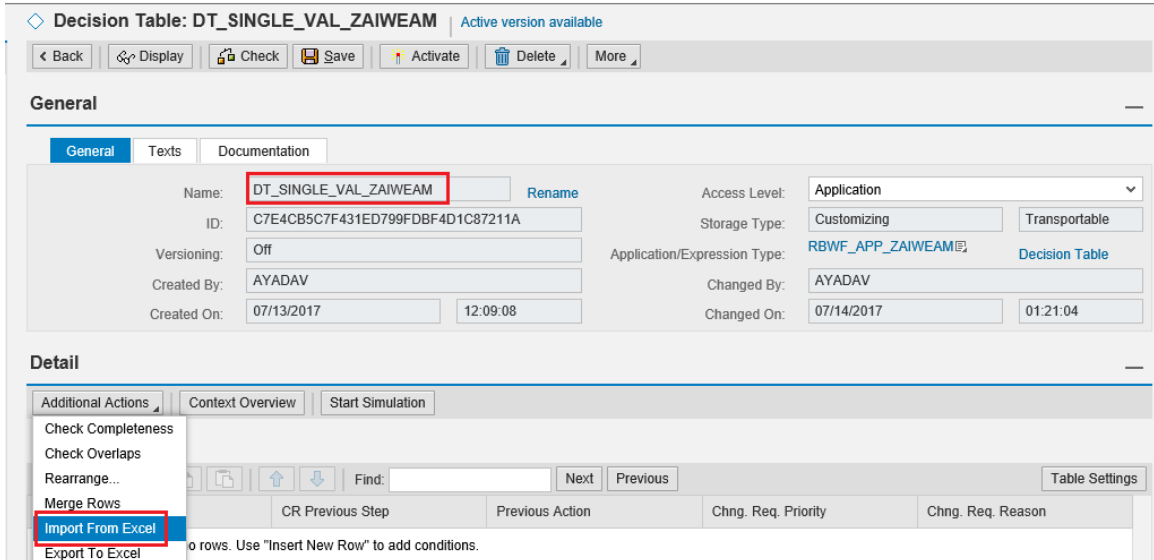
Find:
Next
Previous
Table Settings

USMD_ENTITY
CR Previous Step
Previous Action
Chng. Req. Priority
Chng. Req. Reason

Maintain Single Value Decision Table

Use the following steps to maintain the single value decision table:

1. Populate the single value decision table by clicking “Import From Excel” under “Additional Actions”



Decision Table: DT_SINGLE_VAL_ZAIWEAM | Active version available

Back | Display | Check | Save | Activate | Delete | More

General

General | Texts | Documentation

Name: **DT_SINGLE_VAL_ZAIWEAM** | Rename

ID: C7E4CB5C7F431ED799FDBF4D1C87211A

Versioning: Off

Created By: AYADAV

Created On: 07/13/2017 12:09:08

Access Level: Application

Storage Type: Customizing | Transportable

Application/Expression Type: RBWF_APP_ZAIWEAM | Decision Table

Changed By: AYADAV

Changed On: 07/14/2017 01:21:04

Detail

Additional Actions | Context Overview | Start Simulation

Check Completeness

Check Overlaps

Rearrange...

Merge Rows

Import From Excel

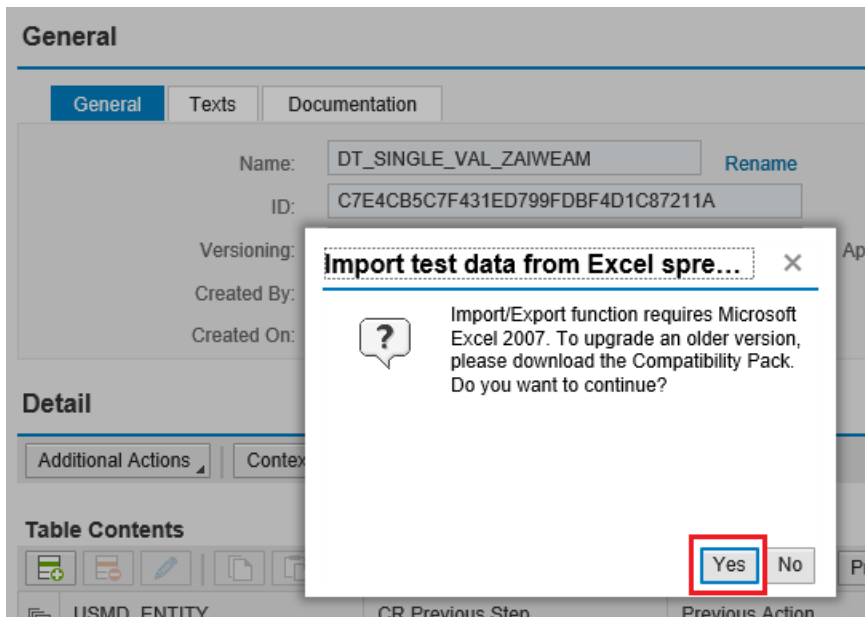
Export To Excel

Find: | Next | Previous | Table Settings

CR Previous Step | Previous Action | Chng. Req. Priority | Chng. Req. Reason

0 rows. Use "Insert New Row" to add conditions.

2. Click “Yes” button in the pop-up window.



General

General | Texts | Documentation

Name: DT_SINGLE_VAL_ZAIWEAM | Rename

ID: C7E4CB5C7F431ED799FDBF4D1C87211A

Versioning: Off

Created By: AYADAV

Created On: 07/13/2017 12:09:08

Detail

Additional Actions | Context Overview | Start Simulation

Check Completeness

Check Overlaps

Rearrange...

Merge Rows

Import From Excel

Export To Excel

Find: | Next | Previous | Table Settings

CR Previous Step | Previous Action | Chng. Req. Priority | Chng. Req. Reason

0 rows. Use "Insert New Row" to add conditions.

Import test data from Excel spreadsheet

Import/Export function requires Microsoft Excel 2007. To upgrade an older version, please download the Compatibility Pack. Do you want to continue?

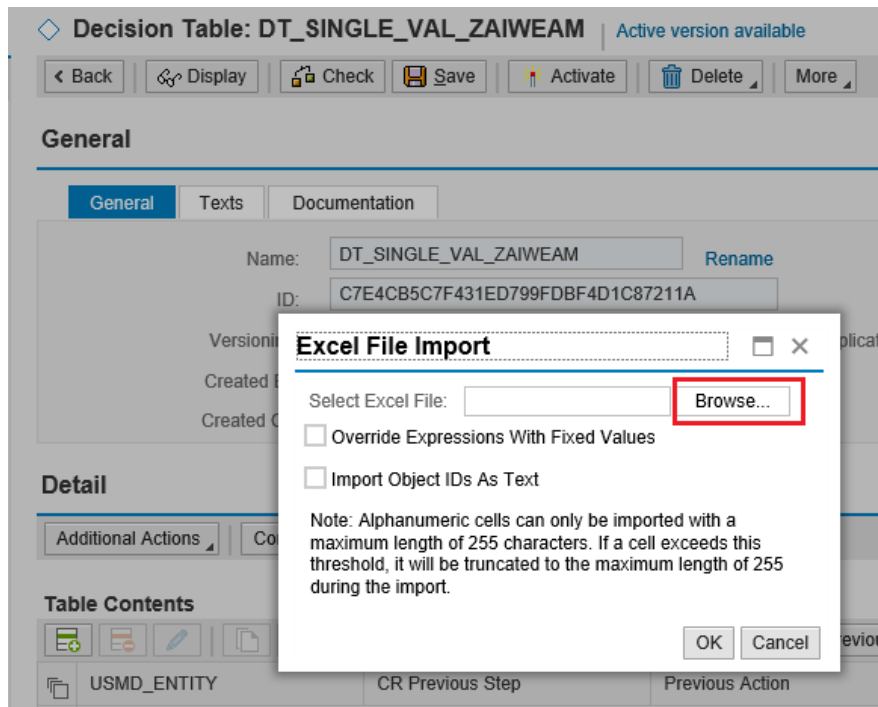
Yes | No

USMD ENTITY | CR Previous Step | Previous Action

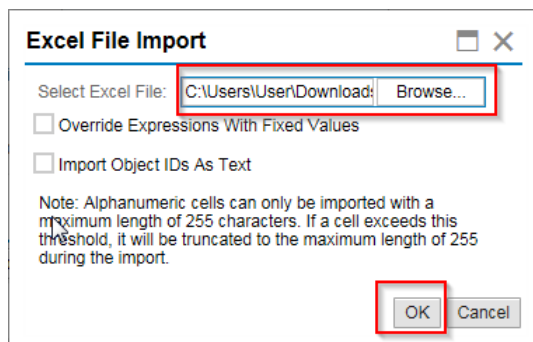
3. Copy the attached “Excel” file to a local repository and select this file by clicking “Browse” in the “Excel File Import” pop-up window.



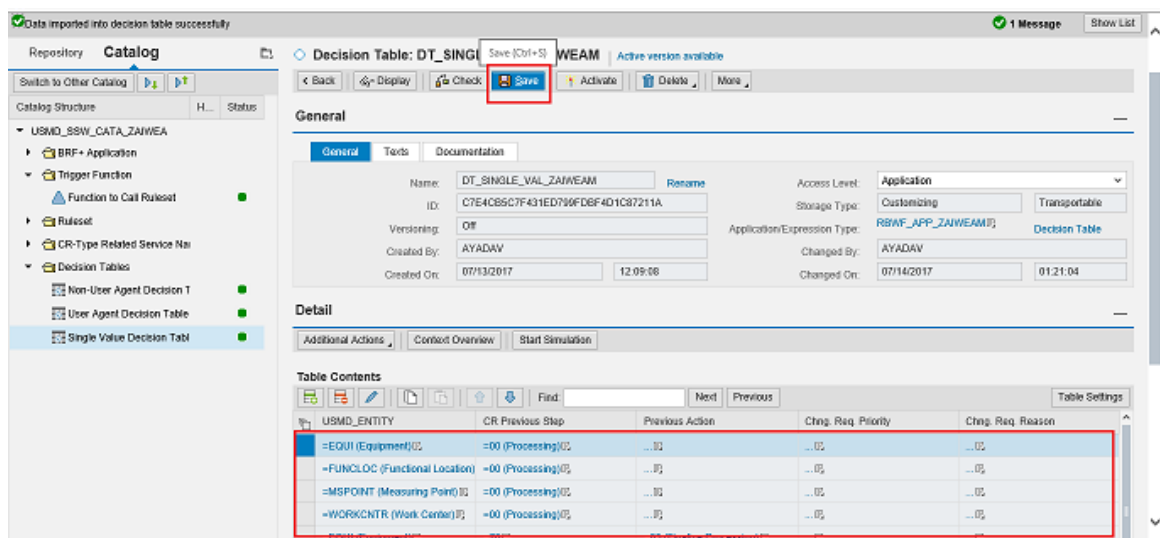
WBD_1_STEP_DT_SINGLE_VAL.xlsx



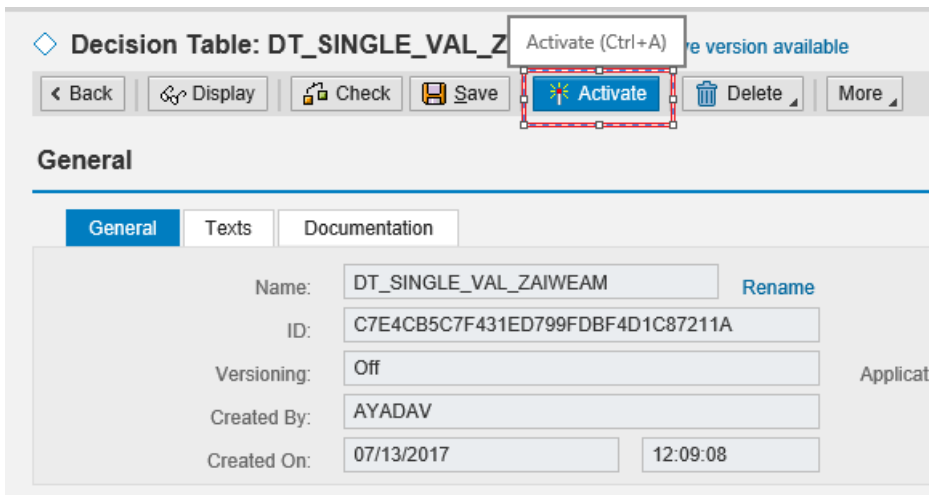
- Click "OK" button to close the "File Import" pop-up window after selecting the Excel file to populate the single value decision table.



- Click "Save" button.



- Click "Activate" button.

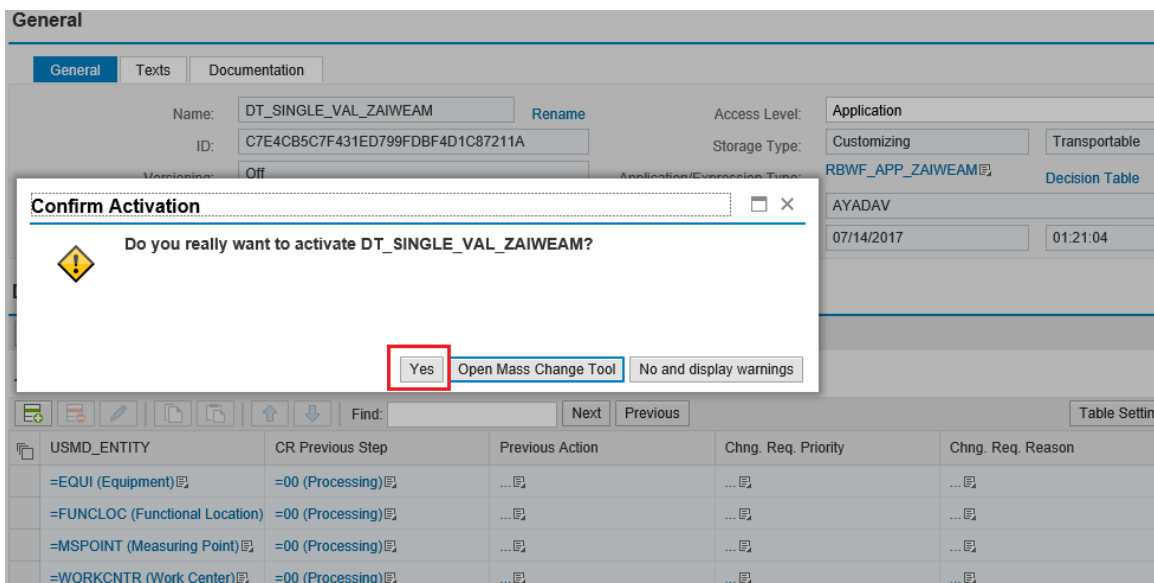


Decision Table: DT_SINGLE_VAL_ZAIWEAM Activate (Ctrl+A) no version available

General

Name: DT_SINGLE_VAL_ZAIWEAM Rename
 ID: C7E4CB5C7F431ED799FDBF4D1C87211A
 Versioning: Off
 Created By: AYADAV
 Created On: 07/13/2017 12:09:08

- Choose "Yes" button in the "Confirm Activation" pop-up window.



General

Name: DT_SINGLE_VAL_ZAIWEAM Rename
 ID: C7E4CB5C7F431ED799FDBF4D1C87211A
 Versioning: Off
 Access Level: Application
 Storage Type: Customizing
 Application/Expression Type: RBWF_APP_ZAIWEAM
 Created By: AYADAV
 Created On: 07/14/2017 01:21:04

Confirm Activation

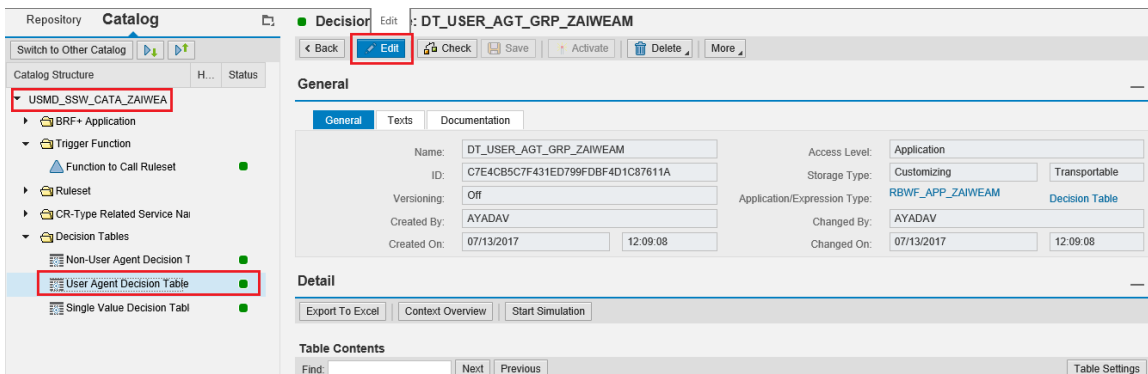
Do you really want to activate DT_SINGLE_VAL_ZAIWEAM?

USMD_ENTITY	CR Previous Step	Previous Action	Chng. Req. Priority	Chng. Req. Reason
=EQUI (Equipment)	=00 (Processing)	...	...	...
=FUNCLOC (Functional Location)	=00 (Processing)	...	...	...
=MSPOINT (Measuring Point)	=00 (Processing)	...	...	...
=WORKCNR (Work Center)	=00 (Processing)	...	...	...

Maintain User Agent Decision Table

Use the following steps to maintain a user agent decision table:

- Navigate to "User Agent Decision Table" of the BRF+ application in "Edit" mode



Repository Catalog

Switch to Other Catalog

Catalog Structure: H... Status
 USMD_SSW_CATA_ZAIWEA
 BRF+ Application
 Trigger Function
 Function to Call Ruleset
 Ruleset
 CR-Type Related Service Na
 Decision Tables
 Non-User Agent Decision T
 User Agent Decision Table
 Single Value Decision Tabl

Decision Table: DT_USER_AGT_GRP_ZAIWEAM Edit Check Save Activate Delete More

General

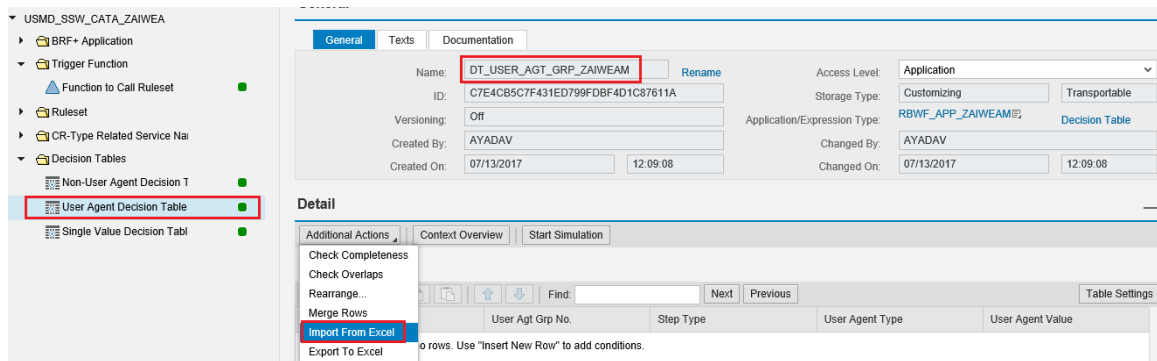
Name: DT_USER_AGT_GRP_ZAIWEAM
 ID: C7E4CB5C7F431ED799FDBF4D1C87611A
 Versioning: Off
 Created By: AYADAV
 Created On: 07/13/2017 12:09:08
 Access Level: Application
 Storage Type: Customizing
 Application/Expression Type: RBWF_APP_ZAIWEAM
 Changed By: AYADAV
 Changed On: 07/13/2017 12:09:08

Detail

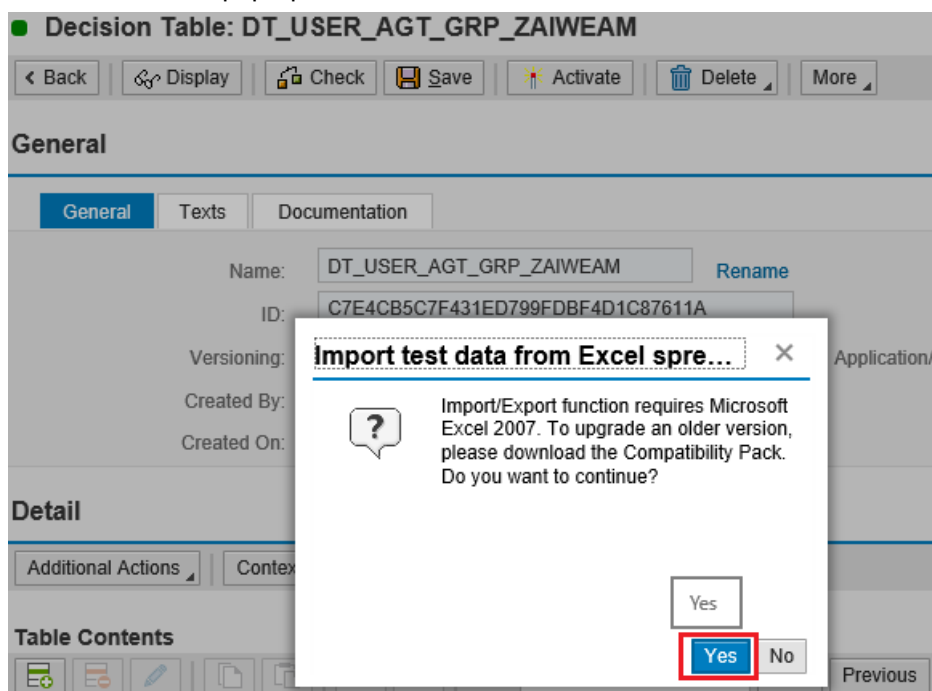
Table Contents

Find:

2. Populate the User Agent decision table by clicking “Import From Excel” under “Additional Actions”



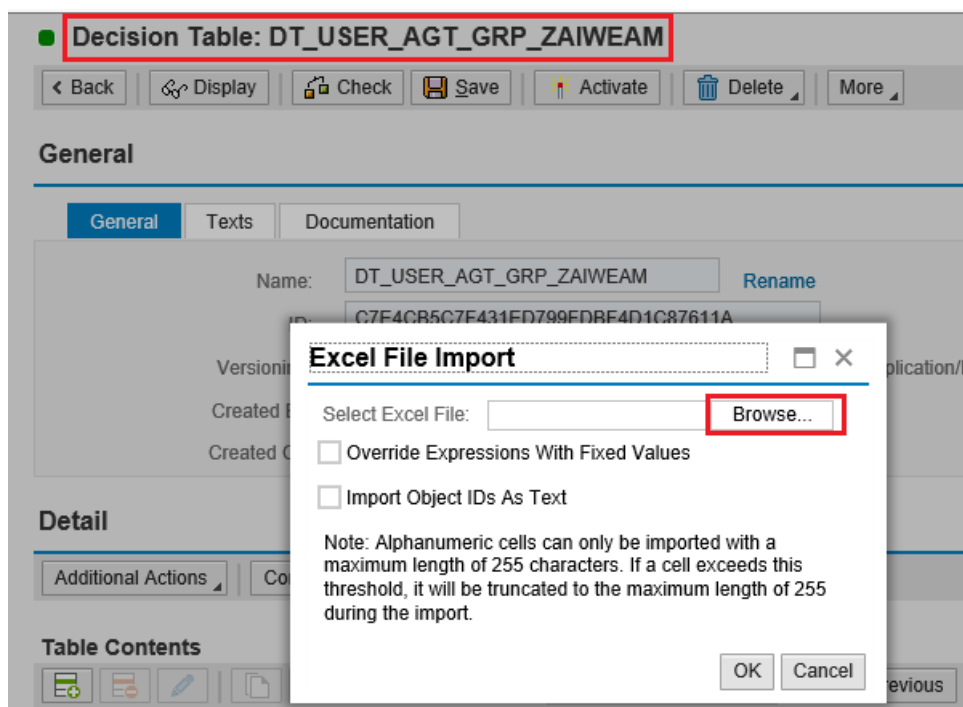
3. Click “Yes” in the pop-up window.



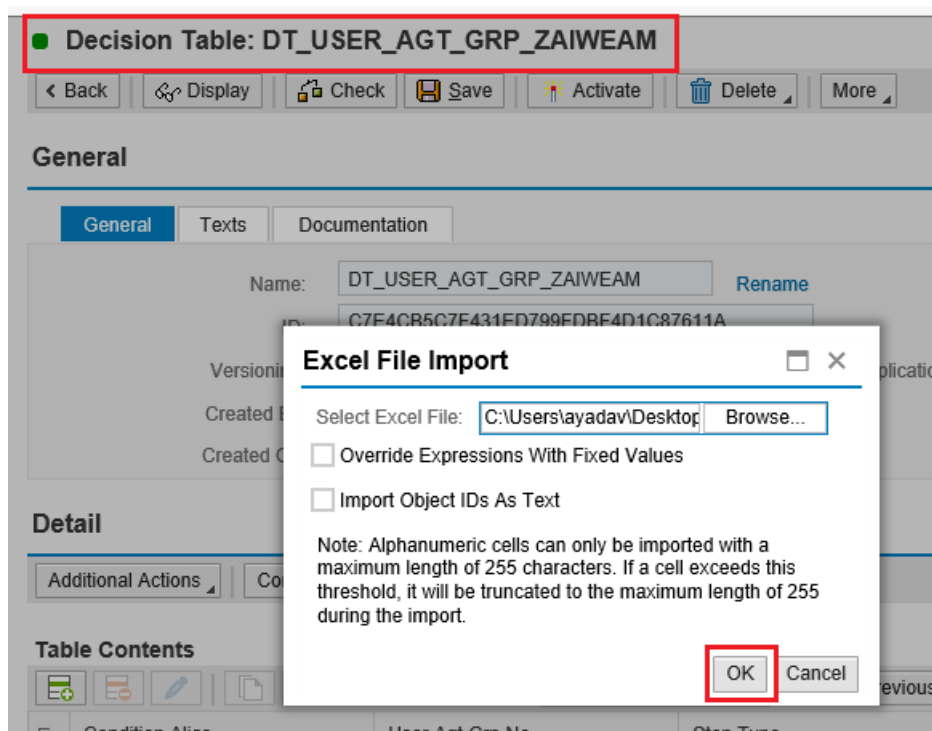
4. Copy the attached “Excel” file to a local repository and select this file by clicking “Browse” in the “Excel File Import” pop-up.



WBD_1_STEP_DT_US
ER_AGT_GRP.xlsx



5. Click "OK" button to close the "File Import" pop-up window after selecting the Excel file.



This step populates the user agent decision table.

6. Click "Save" button.

Decision Table: DT_USER_AGT_GRP_ZAIWEAM

Save (Ctrl+S)

Back Display Check Save Activate Delete More

General

General Texts Documentation

Name: DT_USER_AGT_GRP_ZAIWEAM Rename

ID: C7E4CB5C7F431ED799FDBF4D1C87611A

Versioning: Off

Created By: AYADAV

Created On: 07/13/2017 12:09:08

Access Level: Application

Storage Type: Customizing

Application/Expression Type: RBAF_APP_ZAIWEAM Decision Table

Changed By: AYADAV

Changed On: 07/13/2017 12:09:08

Detail

Additional Actions Context Overview Start Simulation

Table Contents

Condition Alias	User Agt Grp No.	Step Type	User Agent Type	User Agent Value
=1 ; =7	0010	3 (Process Change Request)	S (Position)	50000780
=5 ; =7	0010	2 (Approve Change Request)	S (Position)	50000510
=3	0010	4 (Revise Change Request)	SU (Special User (Initiation>Last-Sb INIT	

Note

The User agent type and User agent value can be set as per requirement. For example, Organization Unit position as the recipient has been used.

- Click "Activate" button.

Decision Table: DT_USER_AGT_GRP_ZAIWEAM

Activate (Ctrl+A)

Back Display Check Save Activate Delete More

General

General Texts Documentation

Name: DT_USER_AGT_GRP_ZAIWEAM Rename

ID: C7E4CB5C7F431ED799FDBF4D1C87611A

Versioning: Off

Created By: AYADAV

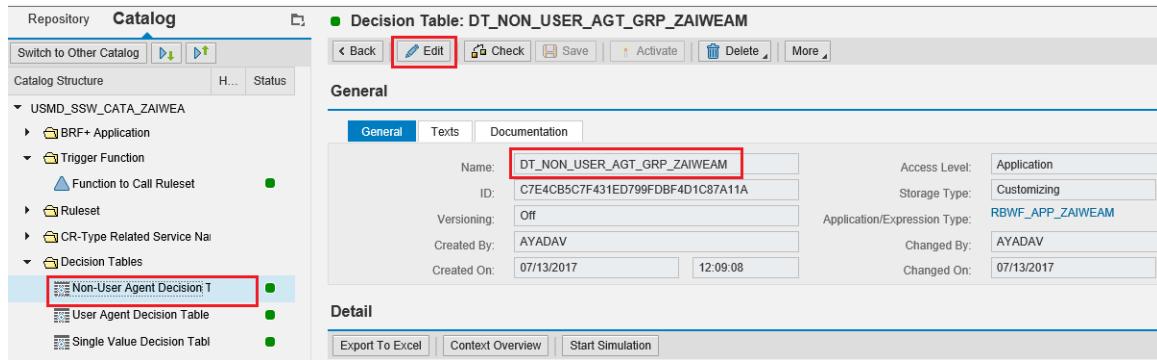
Created On: 07/13/2017 12:09:08

Detail

Maintain Non-User Agent Decision Table

Use the following steps to maintain non-user agent decision table:

- Navigate to "Non-User Agent Decision Table" of the BRF+ application in "Edit" mode.



Repository **Catalog**

Switch to Other Catalog

Catalog Structure

- USMD_SSW_CATA_ZAIWEA
 - BRF+ Application
 - Trigger Function
 - Function to Call Ruleset
 - Ruleset
 - CR-Type Related Service Na
 - Decision Tables
 - Non-User Agent Decision T**
 - User Agent Decision Table
 - Single Value Decision Tabl

Decision Table: DT_NON_USER_AGT_GRP_ZAIWEAM

Back Edit Check Save Activate Delete More

General

General Texts Documentation

Name: **DT_NON_USER_AGT_GRP_ZAIWEAM** Access Level: Application

ID: C7E4CB5C7F431ED799FDBF4D1C87A11A Storage Type: Customizing

Versioning: Off Application/Expression Type: RBWF_APP_ZAIWEAM

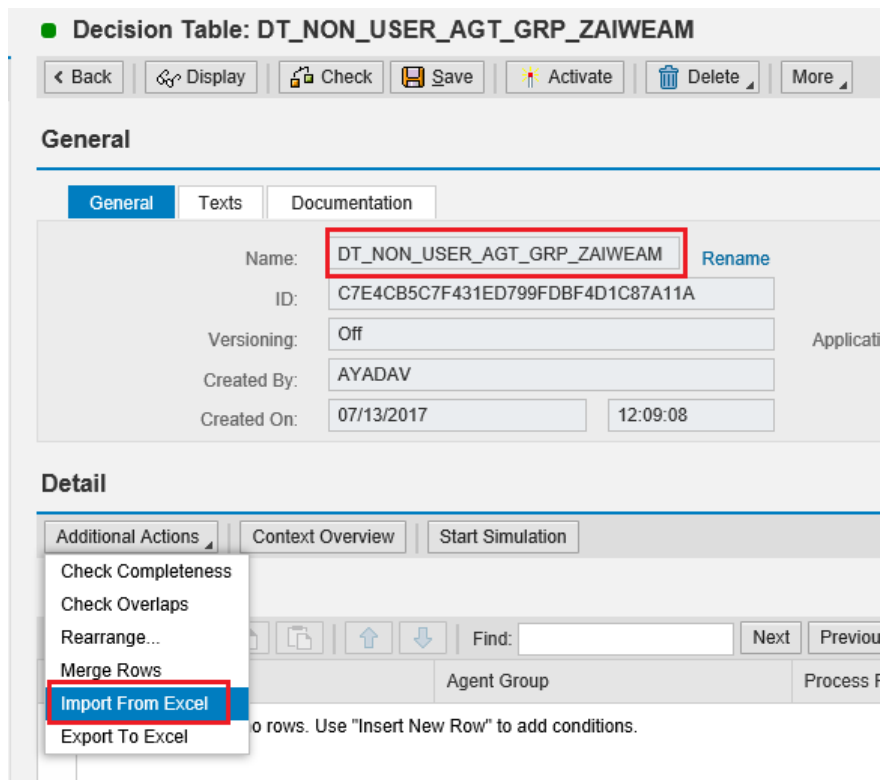
Created By: AYADAV Changed By: AYADAV

Created On: 07/13/2017 12:09:08 Changed On: 07/13/2017

Detail

Export To Excel Context Overview Start Simulation

- Populate the Non-User Agent decision table by clicking “Import From Excel” under “Additional Actions”.



Decision Table: DT_NON_USER_AGT_GRP_ZAIWEAM

Back Display Check Save Activate Delete More

General

General Texts Documentation

Name: **DT_NON_USER_AGT_GRP_ZAIWEAM** Rename

ID: C7E4CB5C7F431ED799FDBF4D1C87A11A

Versioning: Off

Created By: AYADAV

Created On: 07/13/2017 12:09:08

Detail

Additional Actions Context Overview Start Simulation

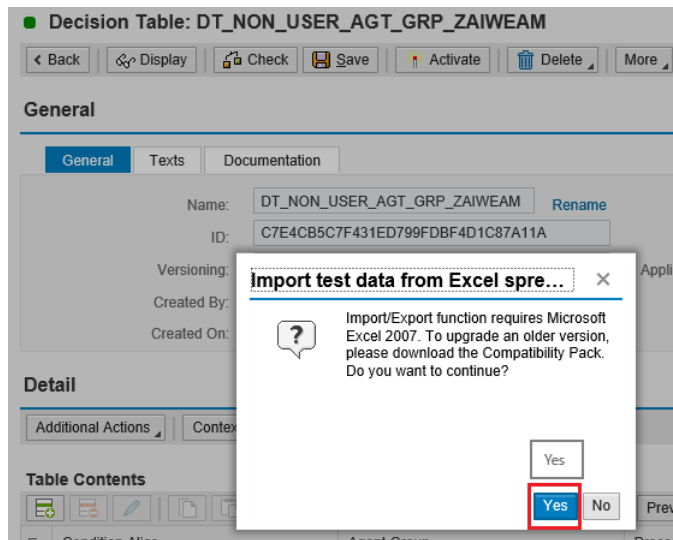
- Check Completeness
- Check Overlaps
- Rearrange...
- Merge Rows
- Import From Excel**
- Export To Excel

Find: Next Previous

Agent Group Process F

to rows. Use "Insert New Row" to add conditions.

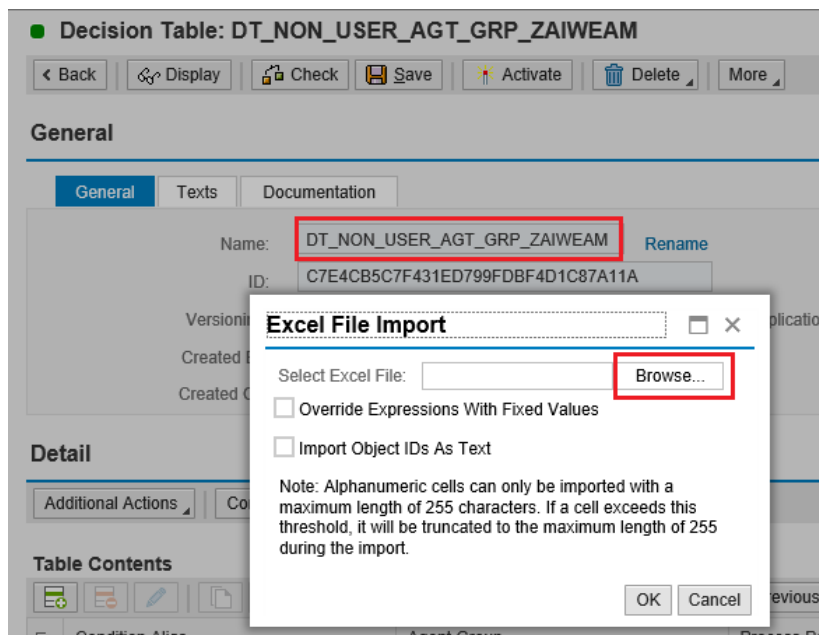
- Click “Yes” button in the pop-up window.



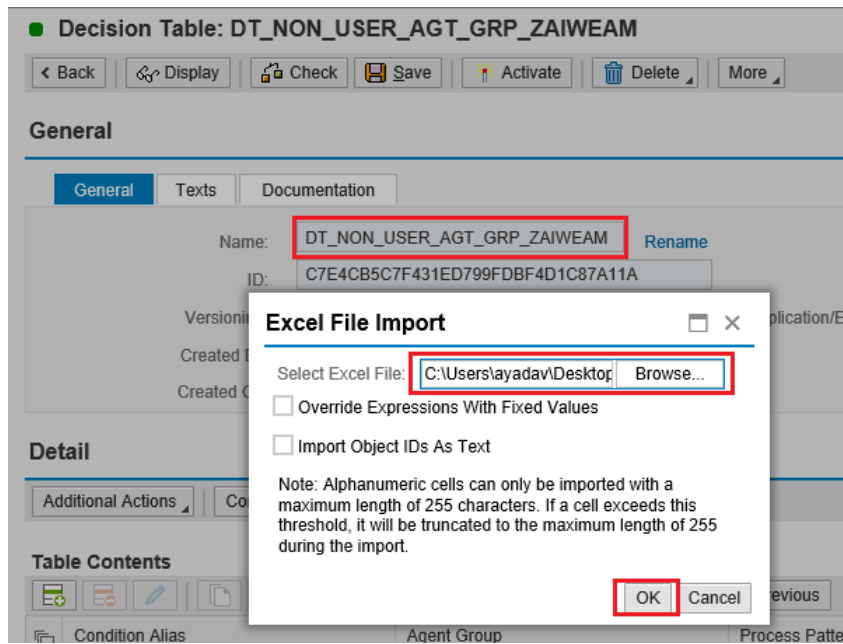
4. Copy the attached “Excel” file to a local repository and select this file by clicking “Browse” in the “Excel File Import” pop-up window.



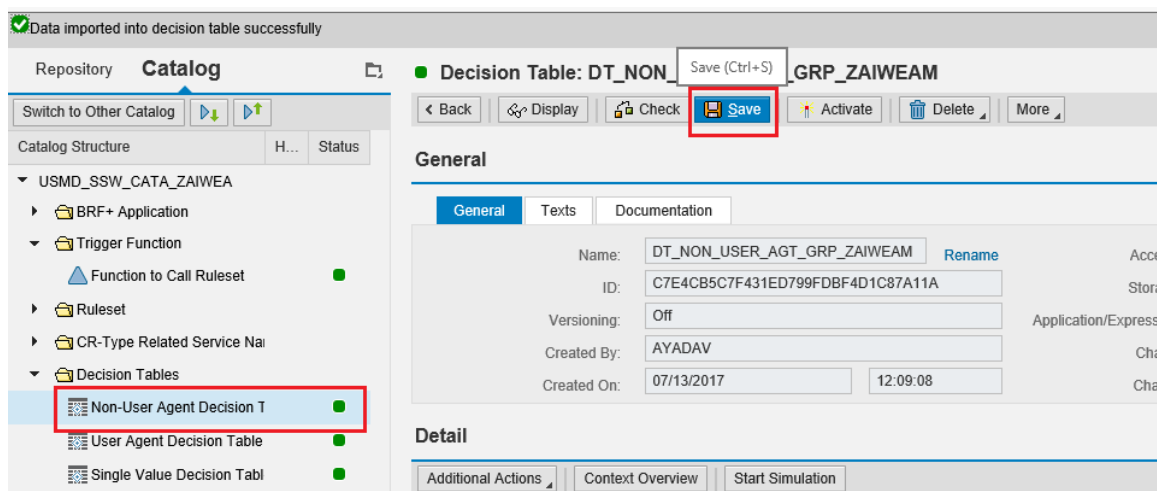
WBD_1_STEP_DT_N
ON_USER_AGT_GRP.



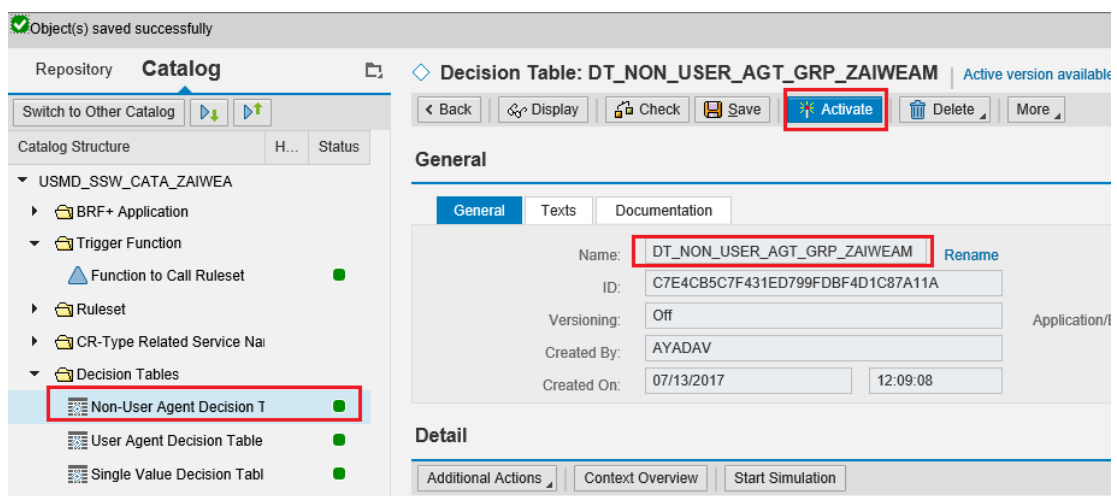
5. Click “OK” button to close the “File Import” pop-up after selecting the Excel file to populate the single value decision table.



6. Click "Save" button.



7. Click "Activate" button.



This completes the setup of BRF+ configuration for the workflow set up.

In case you are following this guide for Hybrid Sequence then you need to do the following task additionally

Maintain Sequence of Workflow Work Items for the Custom Hybrid CR type

Go to path in transaction /nmdgimg > Asset Information Workbench > Hybrid Workflow Steps Sequence.

Note: If two entities have same sequence number then they will be considered for parallel approval.

Entity Type	Sequence	Description
EQBOMHDR	4	EBOM - Equipment Bill of Material
EQUI	2	EQUI - Equipment
FLBOMHDR	4	FBOM - Functional Location Bill of Material
FUNCLOC	2	FLOC - Functional Location
MPLAN	7	MPMI - Maintenance Plan
MSPOINT	3	MSPT - Measuring Point
OBJLINK	10	OBJL - Object Link
OBJNETWRK	9	OBJN - Object Network
PMBOMHDR	1	MBOM - Material Bill of Material
TLEQHDR	6	Equipment Task List
TLFLHDR	6	Functional Location Task List
TLGNHDR	5	General Task List
WBSBOMHDR	8	WBOM - WBS Bill of Material
WORKCNTR	1	WC - Work Center