



## Configuration Guide for RFM MDC MDQ Solutions by Utopia for S/4HANA

Release RFM 1909

## Document History

The following tables provide an overview of the most important document changes and approvals.

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## Approval History

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# 1. Introduction

This document provides the information you require to set up Master Data Consolidation and Mass Processing (MDC) for RFM Solutions by Utopia for S/4HANA. It also covers the requirements and the tasks necessary to implement Fiori App (application) on MDC 1909 Solutions for RFM by Utopia.

## 1.1. Purpose

The Configuration Guide provides the information you require to set up Master Data Consolidation and Mass Processing for RFM 1909 Solutions by Utopia for S/4HANA.

The implementation guide describes the required backend of SAP Master Data Governance, Line of Business, Asset Management, Finance, Manufacturing, Marketing/Engineering, Sales, Service, Sourcing and Procurement, Supply Chain, Application Type, Transactional (Fiori UI5) Database, and any additional required database.

## 1.2. Audience

The target audience for this document is anyone involved in configuring Master Data Consolidation and Mass Processing and installing, configuring, and implementing SAP Fiori App on MDC Solutions for RFM by Utopia.

The primary audience comprises of the following:

System administrators responsible for installing and configuring SAP Fiori App on MDC Solutions for RFM by Utopia.

Users of MDC Solutions for RFM by Utopia

# 2. MDC Fiori Configuration

## 2.1. Prerequisites/Before You Start

### Note

Refer RFM 1909 Configuration Guide for S/4HANA as a prerequisite for enabling MDG for RFM for the Change Request scenario in MDC.

Before you start using MDC for RFM, make sure that the following prerequisites are fulfilled.

Business Function

Set Up Workflow

Configuration of bgRFC

Authorization Objects and Roles

Number Ranges

Prerequisite OSS Notes

Composite BC-Set for Default Configuration

### 2.1.1. Business Function

Run transaction Code (t-code): SFW5 to verify the following business function is active (it is active by default)

- MDG-CO, Consol. + Mass Pro. 9.0 (MDG\_CONSOLIDATION\_CUSTOBJ\_2)

### **i** Note

The following switches get activated upon successful activation of the above business function.

- MDC\_CUSTOBJ\_SWITCH\_2 (MDG Consolidation Custom Obj. 9)
- MDC\_FND\_SWITCH (MDG Consolidation 8)
- MDC\_FND\_SWITCH\_2 (MDG Consolidation 9)
- MDG\_MDC\_SWITCH (MDG Consolidation)

The table properties are delivered along with the BC-Sets. This can be changed if required. Please check the UGI\_RFM\_HowToGuide\_MasterDataConsolidation\_Extensibility for steps.

## 2.1.2. Set Up Workflow

Use the following mandatory steps while maintaining settings:

When configuring the RFC destination, you need superuser authorization to create the default SAP\_WFRT user.

Regenerate the authorization profile for SAP\_ALL or include the USMD\* authorization objects into the authorizations of the user SAP\_WFRT.

For the Check Entries from HR Control Tables section, you may need to execute report RHSOBJCH in t-code SE38 and keep the default settings.

### **i** Note

Select all the table entries and click “Adjust” button.

The standard workflow template WS54500001 can be used for Master Data Consolidation and Mass Processing.

Run transaction code (t-code) SWE2 and ensure that the type linkage setting for Object category BO and Object Type BUS2240 has the following settings:

Event as "Started"

Receiver Type as "blank "

Receiver Call as "Function Module"

Receiver Function Module as "SWW\_WI\_CREATE\_VIA\_EVENT\_IBF"

Receiver Type Function Module as "MDC\_RECEIVER\_TYPE\_GET"

Linkage Activated as "Yes"

Enable event queue as "No"

Event delivery as "Using tRFC(Default)".

Behavior Upon Error Feedback "3 – Do not change linkage"

**Change View "Event Type Linkages": Details**

New Entries [Icons]

Object Category	BO BOR Object Type
Object Type	BUS2240
Event	STARTED
Receiver Type	

**Linkage Setting (Event Receiver)**

Receiver Call	Function Module
Receiver Function Module	SWW_WI_CREATE_VIA_EVENT_IBF
Check Function Module	
Receiver Type Function Module	MDC_RECEIVER_TYPE_GET
Destination of Receiver	
Event delivery	Using tRFC (Default)
<input checked="" type="checkbox"/> Linkage Activated	
<input type="checkbox"/> Enable Event Queue	
Behavior Upon Error Feedback	3 Do not change linkage
Receiver Status	0 No errors

**i** Note

The Linkage Activated indicator must not be active for other receiver types of the object type BUS2240 and the event STARTED.

### 2.1.3. Configuration of bgRFC

Use the following steps to configure bgRFC

1. Run transaction SBGRFCCONF and make sure that the following settings are maintained.

**i** Note

To create the bgRFC inbound destination manually, the authorization object S\_BGRFC with activity 02 and type 07 must be assigned.

2. Navigate to the "Define Inbound Dest" tab.
3. Click on "Create" button.
4. Maintain the following entries under the "Destination" tab.

DEFAULT  
MDC\_RFM  
MDC\_PROCESS

- Double click on the Destination name and provide the value against the field “New Prefix” and click on “Create” button to maintain the following prefixes corresponding to the inbound destination defined. Click on Save (  ) button once the following entries are maintained.

DEFAULT

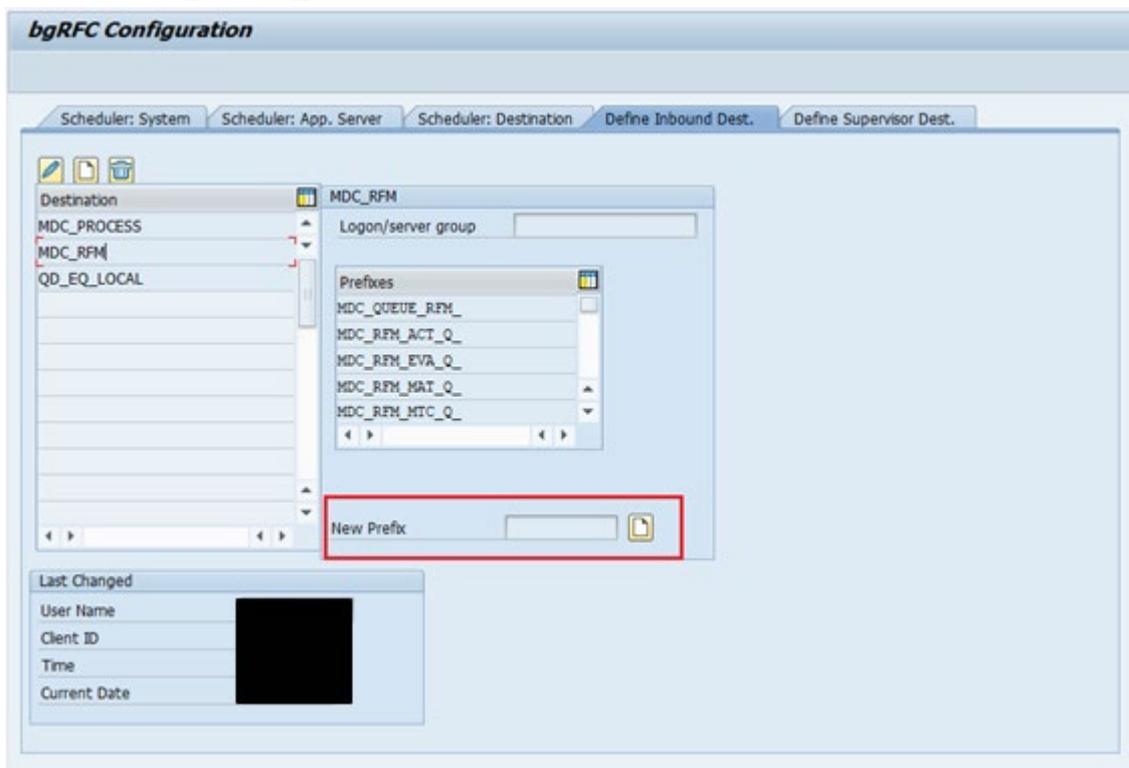
- MDC\_IMP\_

MDC\_RFM

- MDC\_RFM\_ACT\_Q\_
- MDC\_RFM\_MAT\_Q\_
- MDC\_RFM\_VAL\_Q\_
- MDC\_RFM\_EVA\_Q\_
- MDC\_QUEUE\_RFM\_

MDC\_PROCESS

- MDC\_QUEUE\_

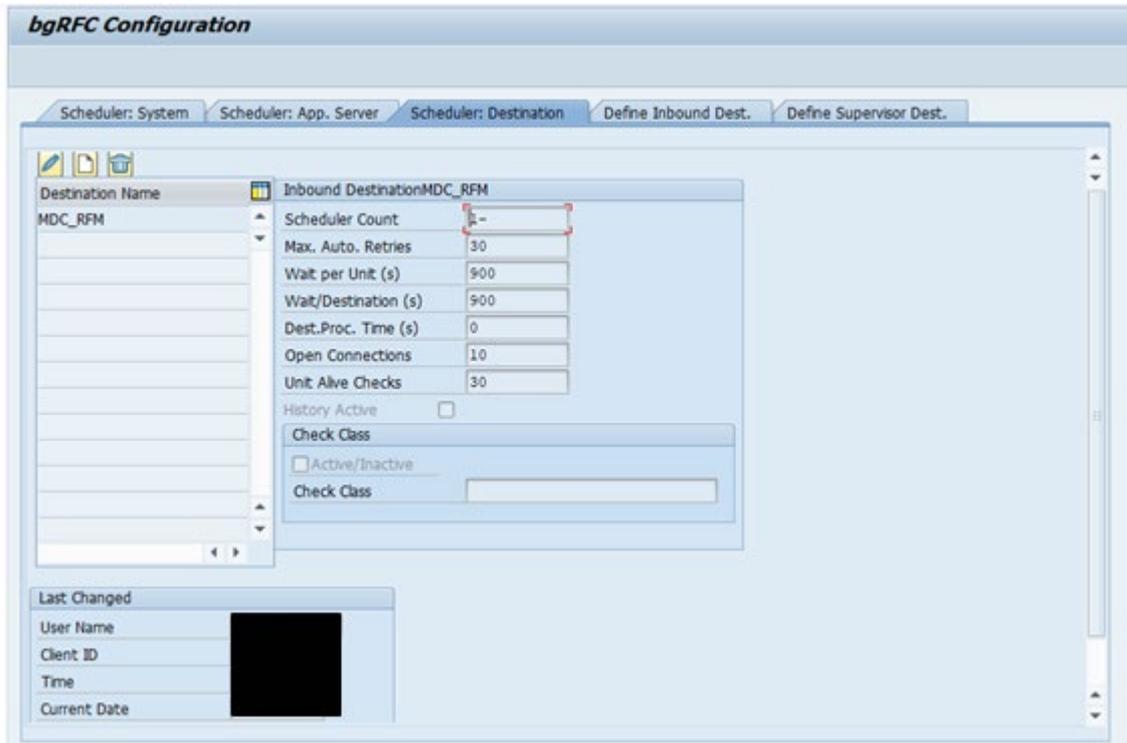


- Under the tab “Scheduler: Destination”, make sure that the following destination names exist. If not, you can create manually by clicking on “Create” button. A popup appears with a message “For which type of destination do you want to create a configuration entry?” Choose “Inbound” and populate the destination as mentioned below. Click on “SAVE” button on the popup.

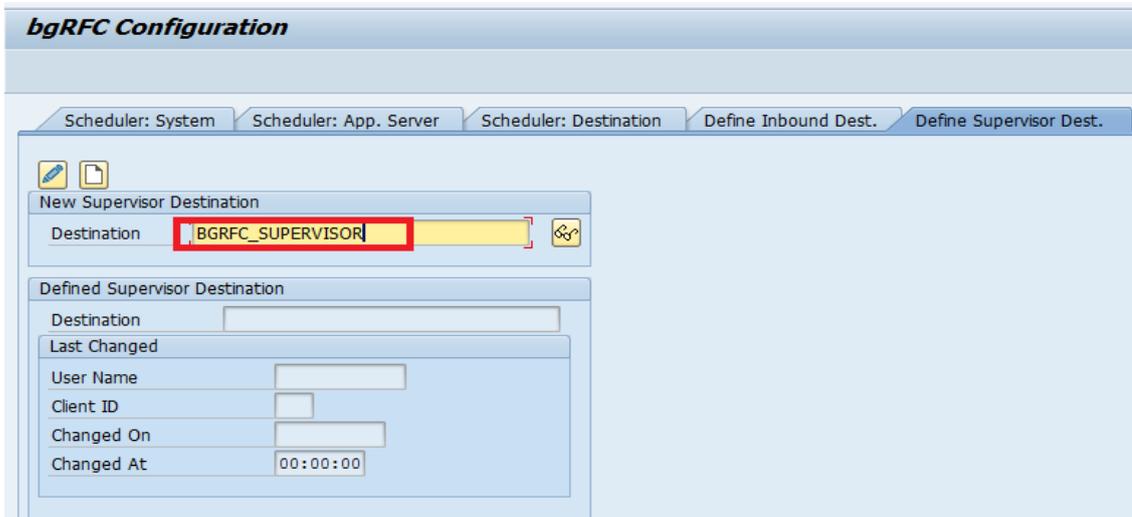
- MDC\_RFM

 Note

Other fields in the “Define Inbound Dest”, take the defaulted values. Make sure you click on “Save (  )” button before navigating to other tab to avoid data loss.



7. Provide Destination as “BGRFC\_SUPERVISOR” in the “Define Supervisor Dest” tab and click Enter.
8. Click on “Save” button.



**i Note**

In case, it says the BGRFC\_SUPERVISOR does not exist or invalid, Run t-code SM59. Check if the RFC Destination “BGRFC\_SUPERVISOR” of type 3 (ABAP connection) is there, if not create the same. Under the “Logon and Security tab”, maintain the Background RFC User: “BGRFC\_SUSR” and set the password.

9. Click on “Save” button to save the entries.

### 2.1.4. Authorization Objects and Roles

To view the imports, manage Consolidation and mass processing, the following roles should be assigned for the user using SU01 transaction

- /UGIRUI02/BCR\_MDC\_RFM

The roles have the following authorization objects:

- MDC\_ADMIN (Administrative Permissions)
- MDC\_MASS (Mass Processing Permissions)
- MD\_PFLT (Consolidation Cluster Permissions)
- MDC\_PROOT (Consolidation Root Permissions)

**i** Note

Make sure that the MDC\_OBTYP field for the above authorization object has the DRF\_0017 assigned values.

The following screen displays the authorizations maintained as a part of the above roles.

Group/Object/Authorization/Field	Maintena...	Value	Text
Object Class AAAB	Manual		Cross-application Authorization Objects
Authorization Object S_SERVICE	Manual		Check at Start of External Services
Authorization T-R873005300	Manual		Check at Start of External Services
SRV_NAME	Manual	177D83E5A221FCB4FFBAA91D54...	Program, transaction or function module name
SRV_TYPE	Manual		Hash Value for TADIR Object
Object Class MDC	Manual		MDG, Consolidation
Authorization Object MDC_ADMIN	Manual		Administrative permissions
Authorization T-R873005300	Manual		Administrative permissions
MDC_OBTYP	Manual	DRF_0017	Business Object Type
ACTVT	Manual	All activities	Activity
Authorization Object MDC_MASS	Manual		Mass Processing Permissions
Authorization T-R873005300	Manual		Mass Processing Permissions
MDC_OBTYP	Manual	DRF_0017	Business Object Type
ACTVT	Manual	All activities	Activity
Authorization Object MDC_PFLT	Manual		Consolidation Cluster Permissions
Authorization T-R873005300	Manual		Consolidation Cluster Permissions
MDC_OBTYP	Manual	DRF_0017	Business Object Type
MDC_FILTER	Manual	*	Master Data Change Process Source Filter
Authorization Object MDC_PROOT	Manual		Consolidation Root Permissions
Authorization T-R873005300	Manual		Consolidation Root Permissions
MDC_OBTYP	Manual	DRF_0017	Business Object Type
ACTVT	Manual	All activities	Activity

**i** Note

Fiori roles can be found in the Fiori guide.

Ensure that the following roles are assigned to view, review and approve the MDG Change Requests.

RFM:

- /UGI4/MDGRFM\_MENU - Master Data Governance for RFM: Menu (Only Menu)
- /UGI4/MDGRFM\_REQ - Master Data Governance for RFM: Requester
- /UGI4/MDGRFM\_SPEC - Master Data Governance for RFM: Specialist
- /UGI4/MDGRFM\_STEW - Master Data Governance for RFM: Data Steward
- /UGI4/MDGRFM\_DISP - Master Data Governance for RFM: Display

FMS:

- /UGI4/MDGRFM\_FMS\_MENU - Master Data Governance for FMS: Menu (Only Menu)
- /UGI4/MDGRFM\_FMS\_REQ - Master Data Governance for FMS: Requester

- /UGI4/MDGRFM\_FMS\_SPEC - Master Data Governance for FMS: Specialist
- /UGI4/MDGRFM\_FMS\_STEW - Master Data Governance for FMS: Data Steward
- /UGI4/MDGRFM\_FMS\_DISP - Master Data Governance for FMS: Display

### 2.1.5. Number Ranges

Run t-code SNRO and review the number range of the Article Master as below

Object	Interval number	From Number	To Number
/UGI4/RT	01	0000000000000001	0000009999999999
DATLDLOGID (Only maintain if the object exists in your system)	01	10000002	99999999

### 2.1.6. System Landscape Requirements

Before you implement the SAP Fiori App on MDC Solutions for RFM by Utopia, ensure that your environment meets the following system requirements

Your system landscape is enabled for SAP Fiori. The system landscape must to be set up for SAP Fiori depending on the database type serving as the basis while meeting respective prerequisites:

Database	SAP Fiori System Landscape Setup	Prerequisites
ABAP environment	<a href="#">Setup of SAP Fiori System Landscape for SAP Business Suite with ABAP Environment</a>	<a href="#">Installation Requirements (Transactional Apps)</a> <a href="#">Activating SAP Gateway OData Services</a>
HANA database	<a href="#">Setup of SAP Fiori System Landscape for SAP Business Suite with SAP HANA Database</a>	<a href="#">Installation Requirements (Fact Sheets)</a>

Each SAP Fiori app consists of Front-end components and Back-end components:

#### Front-end components

The Fiori app front-end comprises the user interfaces and content required for launching the app on the SAP Fiori Launchpad.

**Note:** The components, as mentioned in the table, must be installed in the front-end server.

#### Back-end components

The Fiori app Backend mainly comprises the OData services required for the app.

**Note:** The components as mentioned in the table must be installed in the back-end system.

**i** Note

The front-end and back-end components of the app are delivered with the following SAP product versions as part of the listed software components.

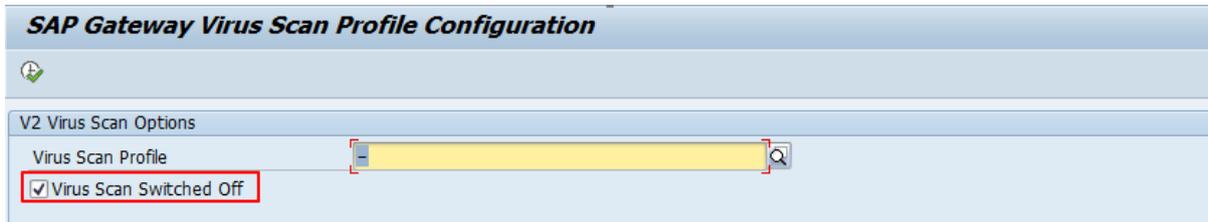
The required software components for the app are contained in the listed product instances:

App Component	Required SAP Product Version (Support Package Stack)	Available Instances Containing Software Component	Software Component Required for App (Support Package)
Front-end components	UI for Utopia MDC for RFM 1909	<ul style="list-style-type: none"> <li>• UI for MDG S4CORE 103</li> </ul>	<ul style="list-style-type: none"> <li>• UGIRUI02 – Utopia MDC Fiori UI</li> </ul>
Back-end components	SAP Master Data Governance 1909	<ul style="list-style-type: none"> <li>• MDG UI Ext. on S4CORE 103</li> <li>• Master Data Governance</li> <li>• MDG UI Ext. on S4CORE 103</li> </ul>	<ul style="list-style-type: none"> <li>• UGI4 - Utopia MDC for RFM Fiori Integration Addon</li> </ul>

You can upload the documents through MDC for RFM 1909 Fiori App. For the security reasons, SAP recommends installing the appropriate virus scanner in the respective Back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content. For more information about virus scanning and scan profiles for SAP Fiori apps, refer to [Virus Scanning](#).

**i** Note

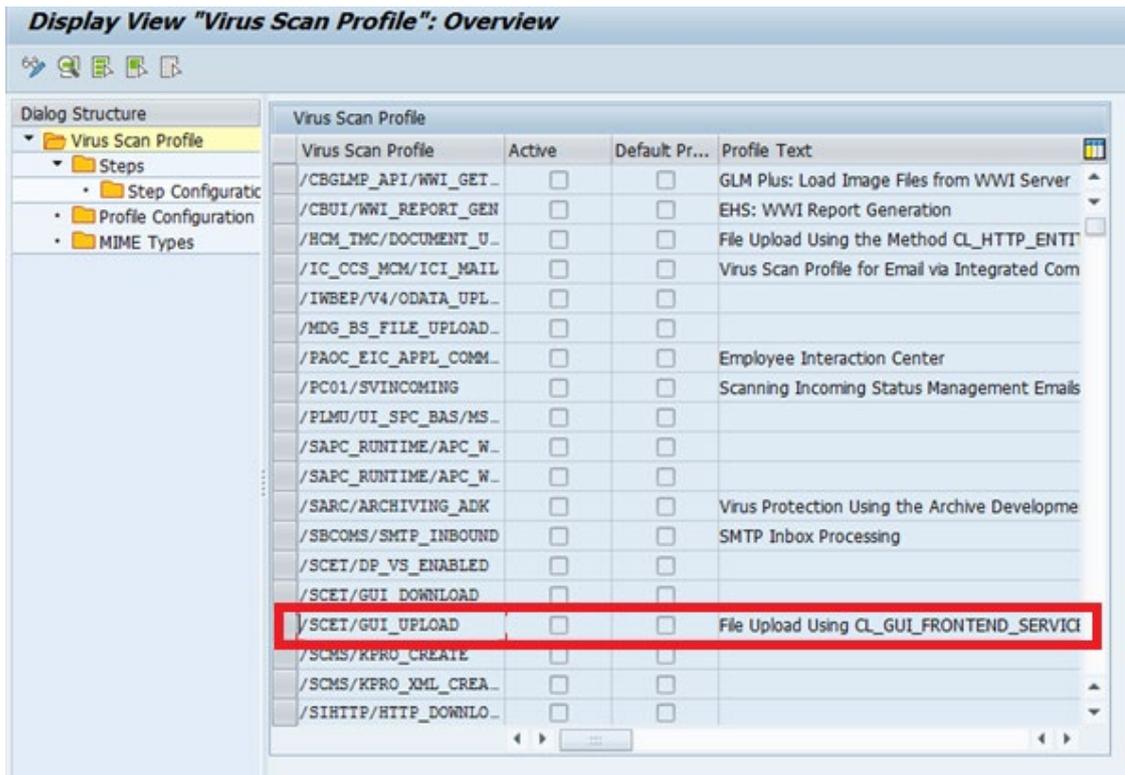
Virus Scanning can be switched off by using t-code /IWFND/VIRUS\_SCAN.



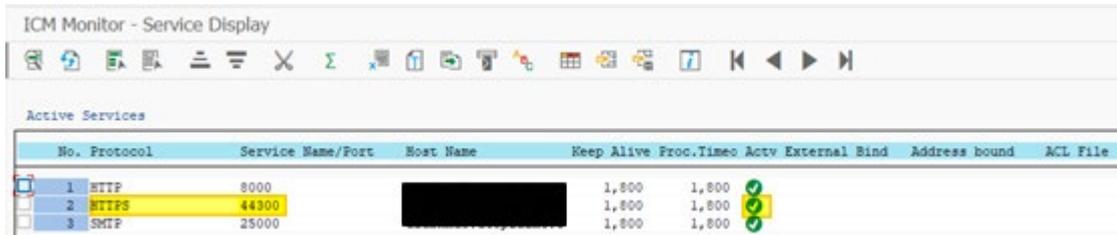
The screenshot shows the 'SAP Gateway Virus Scan Profile Configuration' window. Under the 'V2 Virus Scan Options' section, there is a 'Virus Scan Profile' field with a dropdown menu. The selected option is 'Virus Scan Switched Off', which is highlighted with a red box. There is also a search icon to the right of the dropdown.

**i** Note

1. Check if the below Standard Roles are assigned for Fiori for the User using SU01 transaction
  - a. SAP\_UI2\_ADMIN\_750
  - b. SAP\_UI2\_FIORI\_CATALOGS\_READ
  - c. SAP\_UI2\_NEWS\_TILE
  - d. SAP\_UI2\_PAGEBUILDER\_CONFIG
  - e. SAP\_UI2\_PAGEBUILDER\_CUST
  - f. SAP\_UI2\_PAGEBUILDER\_PERS
  - g. SAP\_UI2\_USER\_700
  - h. SAP\_UI2\_USER\_750
2. Virus Scan Profile - /SCET/GUI\_UPLOAD must be disabled in t-code: VSCANPROFILE



3. Validate HTTPS Protocol with 443XX as Service Name/Port is active via t-code SMICM → go to→ services (XX – Application server instance number)



### 2.1.1. Prerequisite OSS Notes

Below Notes are applicable for 1909 release:

Note	Description
<a href="#">2833872</a>	Error 'Model " version '0000' not found' displayed.
<a href="#">2836945</a>	Improve extensibility in track mass changes.
<a href="#">2834340</a>	Comparison result list in consolidation remains empty and free-text search
<a href="#">2835934</a>	Fixed user input issue for certain languages and an extensibility issue in
<a href="#">2844972</a>	After uploading a file for consolidation, the button for process creation r
<a href="#">2855171</a>	CMP: EDM name validation fails for customer-defined namespaces (3)
<a href="#">2833930</a>	Master Data Quality Rules: initial correction collection
<a href="#">2837818</a>	Display control to select UI Variants for Data Quality applications
<a href="#">2873598</a>	Process Rules from Rule Mining: Duplicate condition fields in expression and dup
<a href="#">2838429</a>	Automatic hallmarking of modified fields might fail
<a href="#">2914771</a>	Consolidated Post UGI4 MDC Base Code Corrections for RFM 1909

## 2.2. Composite BC-Set for Default Configuration

Run transaction code SCPR20 and activate the BC-Set /UGI4/MDC\_RFM\_CONFIG\_1909 in Expert Mode to enable all the configurations as described under section 2.3 for RFM 1909 Release

**i** Note

Once this is activated successfully, it is not required to activate all the individual BC-Sets (except /UGI4/MDC\_RFM\_PROC\_MODEL\_1909) provided under section 3.

Alternatively, you can choose to activate the individual BC-Sets as provided under section 3 using the following sequence and mode.

BC-Set	Sequence	Mode
/UGI4/MDC_RFM_PROC_MODEL_1909	1	Expert
/UGI4/MDC_RFM_ADAPTERS_1909	2	Default
/UGI4/MDC_RFM_CONFIG_MATCH_1909	3	Expert
/UGI4/MDC_RFM_BR_CONFIG_1909	4	Default
/UGI4/MDC_RFM_VF_CONFIG_1909	5	Default
/UGI4/MDC_RFM_ACT_CONFIG_1909	6	Default
/UGI4/MDC_RFM_PT_CONFIG_1909	7	Default

**i** Note

Activate the BC Set /UGI4/MDC\_RFM\_PROC\_MODEL\_1909 in expert mode after activating the composite BC Set due some overlapping entries.

## 2.3. Configuration Process

### 2.3.1. Process Model

Run transaction code SCPR20 and Activate (  ) BC-Set /UGI4/MDC\_RFM\_PROC\_MODEL\_1909 in expert mode. The below business object is added along with the tables.

DRF\_0017

### 2.3.2. Specify Adapters

Adapters are the classes provided to support the functionalities related to consolidation and mass processing such as Validation, Activation, Matching, Best record calculation, Update, Edit, Standardization, Replication, etc. These are required to set up the process template defining the flow of a process id.

To activate the adapters provided for the business object DRF\_0017 (Retail Article), follow the below steps.

Run t-code SCPR20 and activate (  ) BC-Set /UGI4/MDC\_RFM\_ADAPTERS\_1909.

Run t-code MDCIMG. Navigate through the IMG path: Master Data Governance, Consolidation and Mass Processing> Specify Adapters.

Ensure that the below entries are getting added upon successful activation of BC-Set(/UGI4/MDC\_RFM\_ADAPTERS\_1909).

Business Object Type	Process Step Type	Process Step Adapter	Adapter Description
DRF_0017	ACT	/UGI4/CL_MDC_ADAPTER_RFM_ACT	Activation for Article Master
DRF_0017	BRC	/UGI4/CL_MDC_ADAPTER_RFM_BRC	Material Best Record Calculation
DRF_0017	EDI	CL_MDC_ADAPTER_EDJ	Interactive Mass Processing
DRF_0017	EVA	CL_MDQ_RULE_EVALUATION_ADAPTER	Adapter for Data Quality Evaluation
DRF_0017	FAR	CL_MDC_ADAPTER_FAR	Filter & Remove

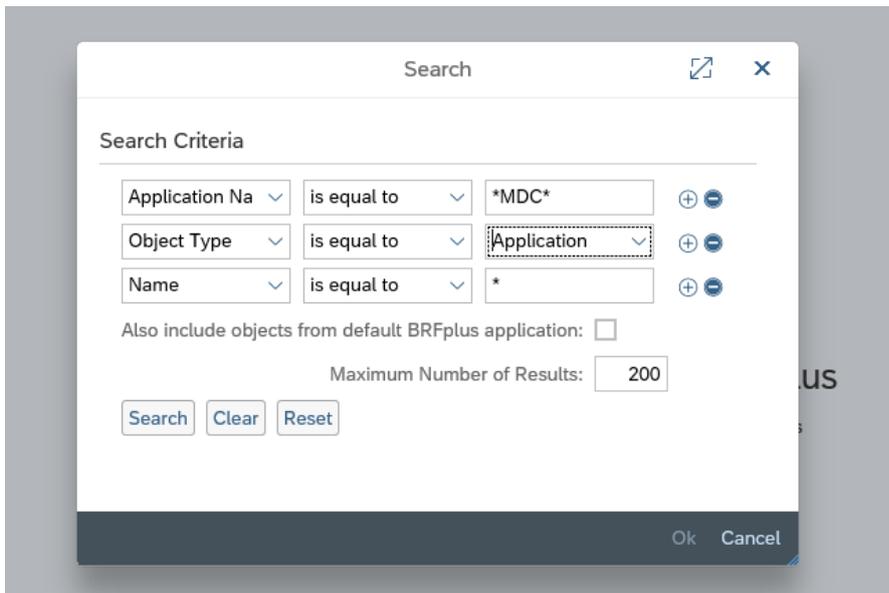
Business Object Type	Process Step Type	Process Step Adapter	Adapter Description
DRF_0017	MTC	/UGI4/CL_MDC_ADAPTER_RFM_MTC	Material Matching (Old Material Number)
DRF_0017	MTC	CL_MDC_ADAPTER_FUZZY_MTC	HANA fuzzy search
DRF_0017	MTC	CL_MDC_ADAPTER_MTC	New HANA fuzzy search
DRF_0017	REP	/UGI4/CL_MDC_ADAPTER_RFM_REP	MDC Material Replication via DRF
DRF_0017	STD	/UGI4/CL_MDC_ADAPTER_AR_KEYMAP	Evaluate Key Mapping for Material
DRF_0017	STD	/UGI4/CL_MDC_ADAPT_RFM_VALMAP	Evaluate Value Mapping for Material
DRF_0017	STD	CL_MDC_ADAPTER_BRF_STD	BRFplus
DRF_0017	VAL	/UGI4/CL_MDC_ADAPTER_RFM_VAL	Article Master Validations (Business Suite)

### 2.3.3. Define Rules Using the Business Rule Framework plus (optional)

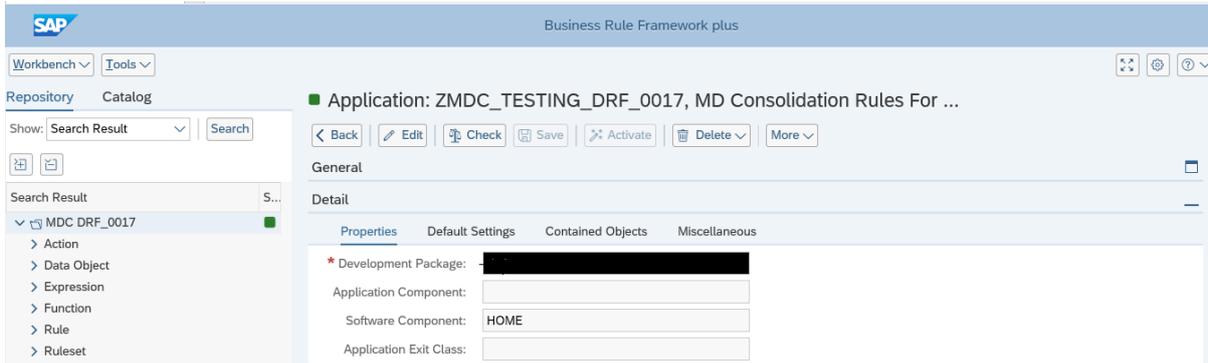
**i** Note

This section is applicable for fresh installation of MDC and verify the status of these MDC BRF+ Application before proceeding by executing t-code BRF+.

Search Application Name: \*MDC\* and Object Type as "Application"



If the MDC BRF+ Applications as shown below are available then we can proceed with the next section BRF+ generation is not required.



The system generates the required BRFPLUS application for the business object once you run the "Apply BRFplus "artifacts function from the process model. This creates all the functions, expressions, tables, etc. required to be used for defining the ruleset and rules. The naming convention is MDC\_<abbreviation of process step>\_FOR\_\_<table name>, for example: MDC\_STD\_FOR\_\_MAST\_PRC.

Use the following steps to define BRFplus rules for the following process step types.

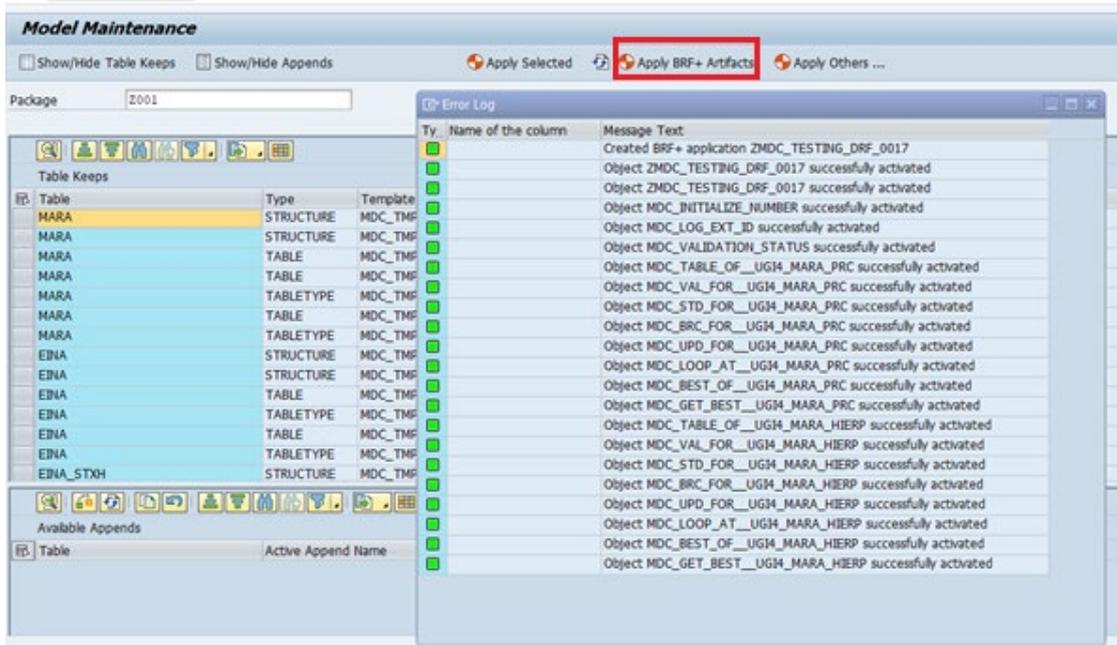
**Standardization:** Select the corresponding adapter in the Process Template Step view in the Customizing Activity Specify Process Template.

**Validation:** Set the Execute BRFplus indicator for a specific adapter configuration in the Customizing Activity Configure Validation.

**Best record calculation:** Run the Customizing Activity Specify Order of Rules for Best Record Calculation and select an entry. In the Order of Rules for Tables view select the Rule ID BRF+ for specific tables.

To generate the BRFplus application for a business object, use the following steps:

1. Run t-code MDCIMG. Navigate to the customizing path - Master Data Governance, Consolidation and Mass Processing > Configure Process Models and Field Properties > Configure Process Models.
2. Select the business object DRF\_0017 and click on the symbol  against the column, resultant artifacts. In case the structures are not visible, remove the filters if any.
3. Provide the package in customer namespace say Z001.
4. Select any PRC table say /UGI4/MARA\_PRC and click on the button "Apply BRF+ Artifacts". This generates the BRFplus application automatically.

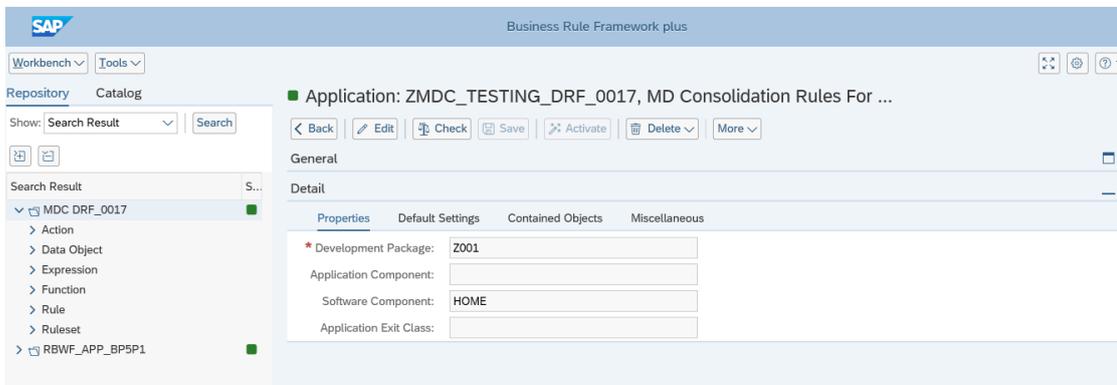


The log captures if there are any errors while generation of the BRFplus application.

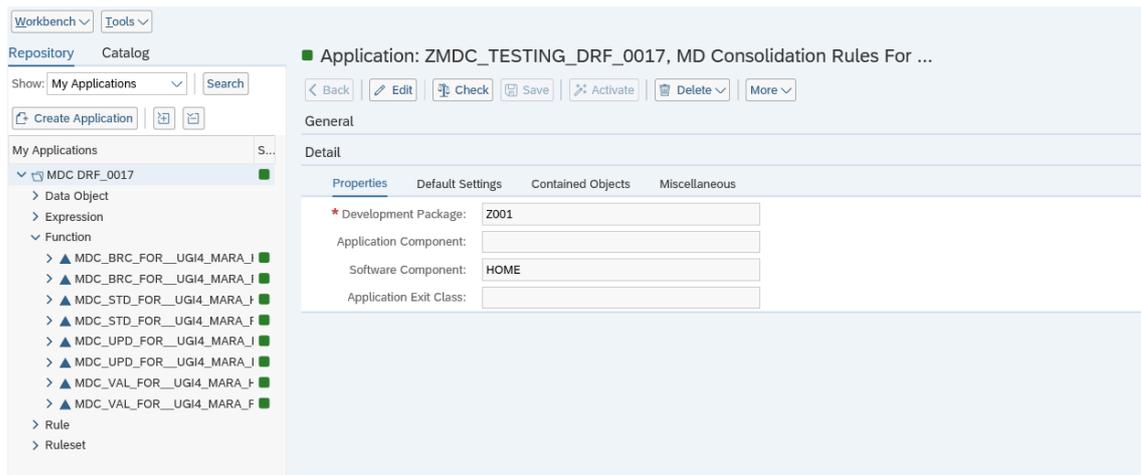
5. Run t-code BRFplus. Alternatively, you can run t-code MDCIMG and navigate through the path: Master Data Governance, Consolidation and Mass Processing > Define Rules Using the Business Rule Framework plus.
6. Ensure that the following application named “MDC\_DRF\_0017” is generated.

**i** Note

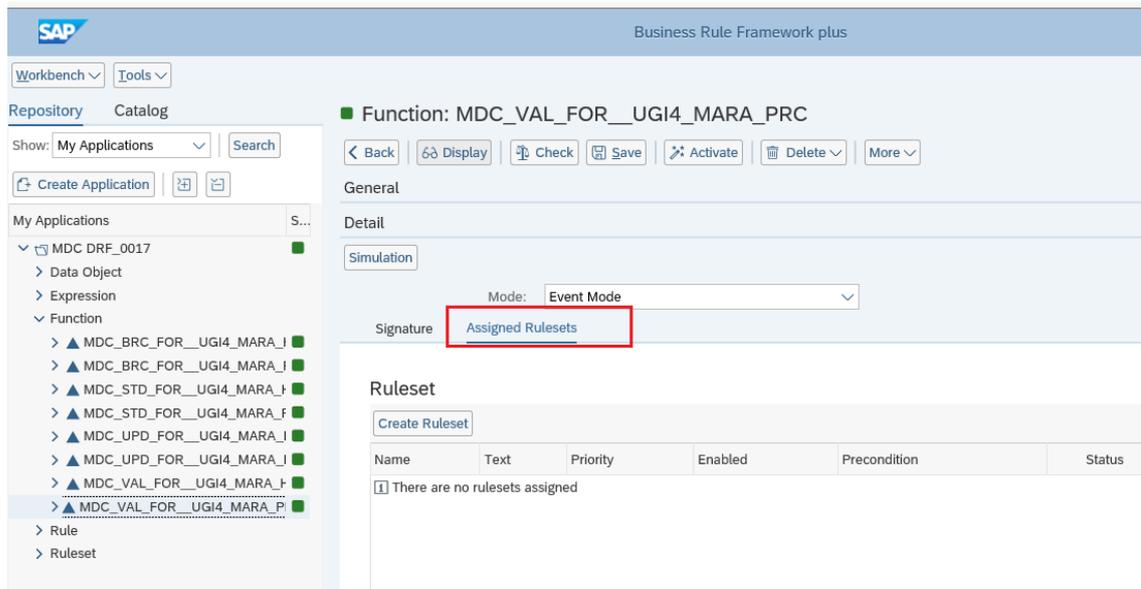
Naming convention for the BRFplus application created is “MDC\_<BO\_type>”.



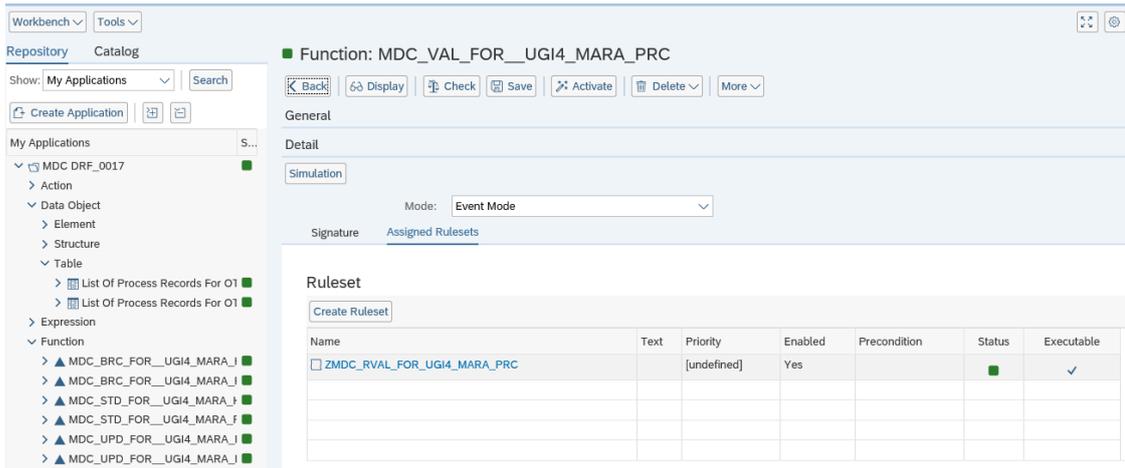
7. Navigate to the function corresponding for which the rule needs to be defined.



8. Use the following steps to define a rule:
  - a. Choose any function say “MDC\_VAL\_FOR\_\_UGI4\_MARA\_PRC”.
  - b. Navigate to “Assigned Rulesets” and click on “Create Ruleset”.
  - c. Enter the name and description of the Ruleset.

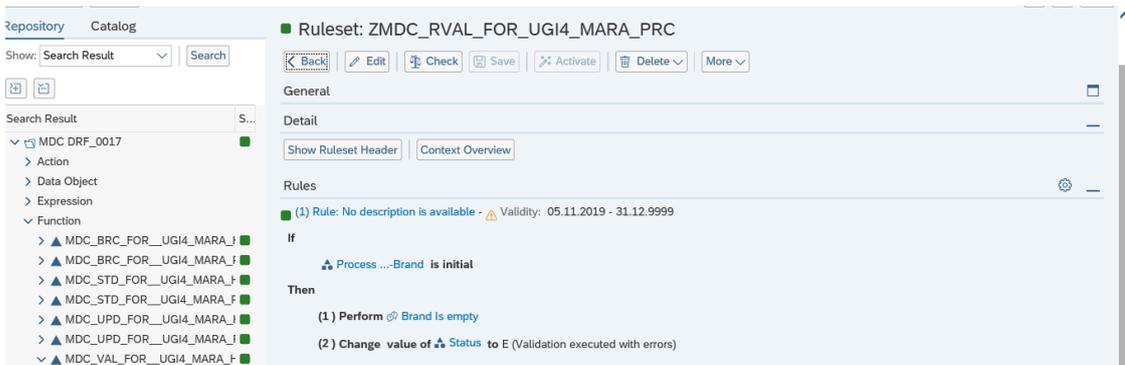


Ruleset is created as displayed in the following screen. The Ruleset holds the set of rules defined as per the business scenarios.



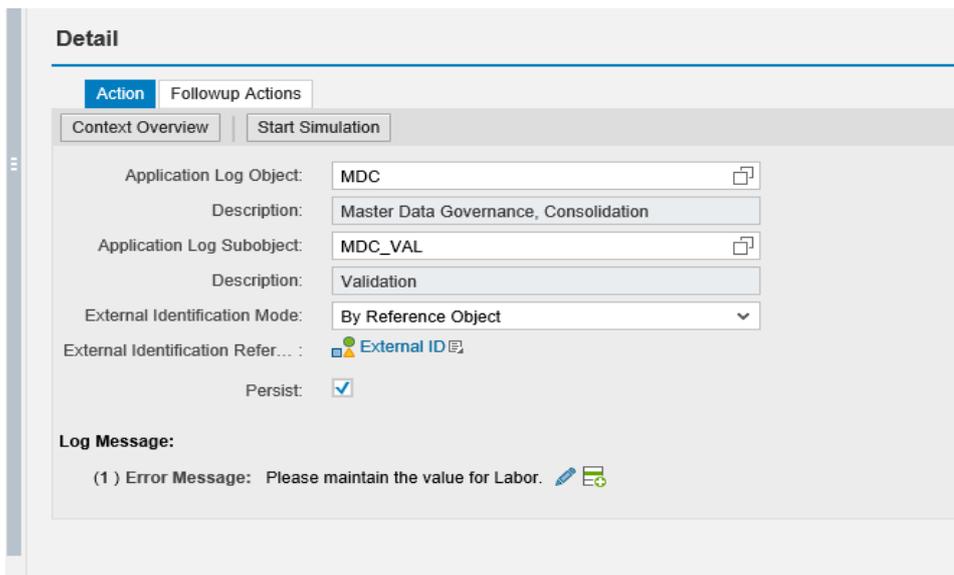
- d. Save and activate the Ruleset.
- e. Click on “Insert Rule” to create a new rule within a Ruleset.

The following screen shows a simple rule to display an error message “Please Maintain Brand ID” if BRAND\_ID field is initial



The following screen shows sample message action used for validation.

Make sure that the “Application sub-object” is selected as per the process step and “External Identification field” is set as “By external object”.



### 2.3.4. Configure Scope

You can use the Configure Scope customizing activity to configure the default scope for your mass processing on the Fiori UI. This default scope is displayed on the initial screen of mass processing on the UI and determines the fields that are available in the Edit step. This is customizable and can be navigated through the path as given below.

Master Data Governance, Consolidation and Mass Processing > Configure Scope.

### 2.3.5. Configure Standardization

This process step can be used for data enrichment and normalization using the key mapping, value mapping, and BRFplus applications. Each of these functionalities is carried out by the specific adapters meant for that purpose.

For example, if the additional article not exist in the target system but the source file has the key mapped additional article, instead of throwing the error that Article does not exist or activated, it assigns the additional article data to the key mapped article in the target system.

Also, for enrichment, some of the fields can be derived based on the existing data. Such rules can be defined at the BRFplus application level.

### 2.3.6. Configure Parallelization for Update

Within the process, step update data is updated by the system using BRF+ rules. For the process step update, you can configure the number of parallel processes to improve the performance of the consolidation process.

To use parallelization in SAP MDG, consolidation you must set up an RFC destination.

This is available in the Customizing activity under the path after running the t-code MDCIMG.

Master Data Governance, Consolidation and Mass Processing> Configure Parallelization for Update.

You can specify the number of processes that you want to run in parallel along with the queue name.

### 2.3.7. Configure Matching

Within this process, you can define and generate the match configurations and matching rules and rulesets to group the data in clusters called match groups based on certain rules.

You can configure matching by running the t-code MDCIMG and maintain the required settings using the navigation path: Master Data Governance, Consolidation, and Mass Processing > Configure Matching.

Run t-code SCPR20 and activate the BC-Set /UGI4/MDC\_RFM\_CONFIG\_MATCH\_1909 In Expert mode to enable the default configurations for matching for business object DRF\_0017.

#### 2.3.7.1. Add Configuration for Matching

(Default configurations are delivered via BC Set - /UGI4/MDC\_RFM\_CONFIG\_MATCH\_1909)

To add configuration for matching, use the following steps:

- Configure Parallelization
- Configure SAP HANA Fuzzy Matching
- Create Match Configuration for Fuzzy Matching

### 2.3.8. Configure Parallelization

Use the following steps to configure parallelization:

1. Run t-code MDCIMG and navigate through the customizing path Master Data Governance, Consolidation and Mass Processing > Configure Matching > Configure Parallelization for <Bo\_type> say Article Matching>.
2. Click on “New Entries”.
3. Provide the description for the config ID.
4. Provide the number of parallel steps allowed.

The following points should be considered for assigning this value:

This indicates the number of allowed parallel processes to be triggered when this adapter step gets started.

In case you wish to restrict the number of queues that are created for this step, you enter the wished number of processes here. Make sure not to enter a number higher than the allowed number of parallel tasks, since this might result in poor performance.

In case of activation, it is recommended to enter a few parallel processes that is lower than the number of allowed parallel tasks. Due to fact, that during activation the writing of key mapping is conducted using a queue by its own to optimize runtime, the number of parallel processes sums up to the configured number of parallel process plus one.

### 2.3.9. Configure SAP HANA Fuzzy Matching

Use the following steps to configure SAP HANA fuzzy Matching:

1. Run t-code MDCIMG and navigate through the customizing path Master Data Governance, Consolidation and Mass Processing > Configure Matching > Configure SAP HANA Fuzzy Matching.
2. Click on “New Entries”.
3. Provide the name of the config ID.
4. Provide the Adapter Config Description.
5. Assign the BO type as DRF\_0017
6. Click on “Save” button.
7. Mark the row for config ID and click on the “Fuzzy Ruleset Fields”.
8. List down the table and table fields for consideration for matching weightage.
9. To configure the Fuzzy Ruleset Rules, run t-code “/UI2/FLP” and navigate to the Fiori application “Configure Matching” under the Group “Consolidation for Article Data” and define the rules as explained:

The rulesets are created in the SAP HANA studio to define certain rules based on the business scenarios. The ruleset can be found in the package used for creating the match configuration. The ruleset naming convention is as follows: <MatchConfigurationName>\_RULESET.

- a. When selecting the row for a match configuration, the following details are needed:
  - Configuration Name
  - Business Object
  - Score Selection -This defines, the score from which rule is to be used for the match result:
  - Highest Score: Score of the rule with the highest score
  - First Rule: Score of the first rule that matches. This can be influenced by the sequence of rules.
  - Approval Score
  - Assigned rules with number of relevant attributes

- b. When selecting the attribute details, the following information is shown:
- Properties
    - Table Name: Technical table name for the assigned match attribute
    - Field Name: Technical field name for the assigned match attribute
    - Weight: Weight for this attribute used for the calculation of the result score of a rule (value between 0 and 1)
    - Fuzziness: Fuzziness value for an attribute to check, if the values are similar (value between 0 and 1, 1 means: only exact values for duplicate detection)
  - Options:
    - Empty Matches Null: When switched on, null values also match empty values in database tables
    - Score, if empty: This score is applied for the attribute if the field value is empty and would not match against a record with a value in the same field. (e.g. a business partner record would not match, if the field “Region” is empty, against a similar record with a filled region field. When assigning a value in this option, this score is used, and the attribute would match)
    - Spellcheck Factor: Defines the score of terms that get a fuzzy score of 1.0 but are not equal.
    - Similar Calculation Mode: Defines how the score is calculated when comparing terms. Defines options to search with substrings of terms.
- c. The following types of conditions are supported for attributes
- If Missing: This can be ignored in consolidation
  - If Equal: Checks, if there is a specific value for an attribute (use the field value)
  - If Not Equal: Checks, if there is NOT a specific value for an attribute (use the field value) Based on these conditions, the following actions can be triggered
  - Skip Column: This attribute is not taken in consideration for the matching
  - Skip Rule: The complete rule is not taken in consideration for the matching
  - Replace: The value for the attribute is replaced by another value

### 2.3.10. Create Match Configuration for Fuzzy Matching

Use the following steps to create match configuration for Fuzzy Matching:

1. Run t-code MDCIMG and navigate through the customizing path Master Data Governance, Consolidation and Mass Processing > Configure Matching > Create Match Configurations for Fuzzy Matching.

This Customizing activity calls the Web Dynpro application Match Configuration (MDC\_HDB\_MATCH). You can use this screen to create, change, copy, and delete a match configuration.

- a. To create a match configuration, choose New.
- b. On the General Data screen, proceed as described:
  - Enter a name in the Match Configuration field.
  - Enter a description in the Description field.
  - Enter the business object type in the Business Object Type field.
  - Enter a name for the SAP Hana package in the *HANA* package field.
  - The SAP HANA package is generated with this name in the SAP Hana database when the match configuration is created. After the generation of the package, its name cannot be changed anymore.
  - Enter an ABAP package in the *ABAP* package field.

- c. On the “Select Attributes” screen, the tables from the process model are presented in tree form. You can select the attributes that you want to include in your match configuration.
- d. On the “Review and Generate” screen, you can review your choices from the previous screens, and if necessary, you can go back to the previous screens to make changes.
- e. Click on “Save” to save the configuration.
- f. Click on “Generate” button to generate the match configuration.

### **i** Note

To use the generated match configuration for matching, ensure that fuzzy search adapter CL\_MDC\_ADAPTER\_FUZZY\_MTC is assigned to a business object in the customizing path: Master Data Governance, Consolidation and Mass Processing > Specify Adapters.

## 2.3.11. Configure Best Record Calculation

Once the matching is completed, the data is divided into separate match groups.

To configure the Best Record Calculation for MDG consolidation, run the Customizing activities under the navigation path as: Master Data Governance, Consolidation, and Mass Processing > Configure Best Record Calculation > Specify Rules for Best Record Calculation

The standard delivery contains the following rules to determine the best record:

**COMPLETENESS:** Determines that on-field level completely maintained record win.

**RECENCY:** Determines that on table level the most recent record wins.

**SOURCE\_SYSTEM:** Determines that on table level the record from a specified source system win.

**BRF+:** Best record calculation is up to the Business Rule Framework (BRFplus).

For a specific table, the source system or the recency can be considered to have higher priority. Depending on this setting the corresponding data is considered for the best record.

You can view and define the rules under the customizing path: Master Data Governance, Consolidation, and Mass Processing > Configure Best Record Calculation > Specify Rules for Best Record Calculation.

To specify the order of rules with respect to the system ID, you can navigate to the customizing path: Master Data Governance > Consolidation and Mass Processing > Configure Best Record Calculation > Specify Order of Rules for Best Record Calculation.

The information, what source system has a certain priority for a specific table is maintained in the Order of Source Systems view. In a second step, the preliminary best record is processed on field level. If a field does not contain data but completeness is assigned to this field as highest priority, then the data is completed with data derived from the record with the next highest order.

To enable the default configuration for Best Record calculations, you can run transaction code SCPR20 and activate the BC-Set /UGI4/MDC\_RFM\_BR\_CONFIG\_1909.

## 2.3.12. Configure Validation

Within the process step validation, the consolidation checks whether the quality of a record is enough to meet the requirements defined in the back-end system. If the quality requirements are met the data can be saved, if not corrections and data enrichment might be required.

This process step can be used to carry out the data validation and the initial check. This can call the validation BADl for MDG and the BRFplus application based on the checkbox settings. There is a separate adapter provided for each of the business objects.

Run t-code SPCR20 and activate the BC-Set /UGI4/MDC\_RFM\_VF\_CONFIG\_1909 for enabling the default configurations.

Use the following steps to add configurations for validation.

Run t-code MDCIMG and navigate through the customizing path: Master Data Governance, Consolidation and Mass Processing > Configure Validation.

1. Click on “New Entries”.
2. Provide the name for configuration ID.
3. Provide the Adapter Config Description.
4. Enter the Prefix for queue name such as MDC\_RFM\_VAL\_Q\_. Make sure that the same is defined under the section [Configuration of bgRFC](#).
5. Mark the checkbox “BRF+ Checks” if the BRF+ validation checks are to be called for data validation.
6. Selecting the “Write MDQ Worklist” checkbox indicates that the master data objects identified with errors in the validation step of the consolidation process are transferred to the master data quality worklist.

This validation step is used in a process with the process goal Data Quality Remediation as defined in the process template configuration.

7. Select the “Remove Unchanged Rec” checkbox to ensure that the unchanged records are removed from the consolidation process.

The following points should be considered before marking this checkbox:

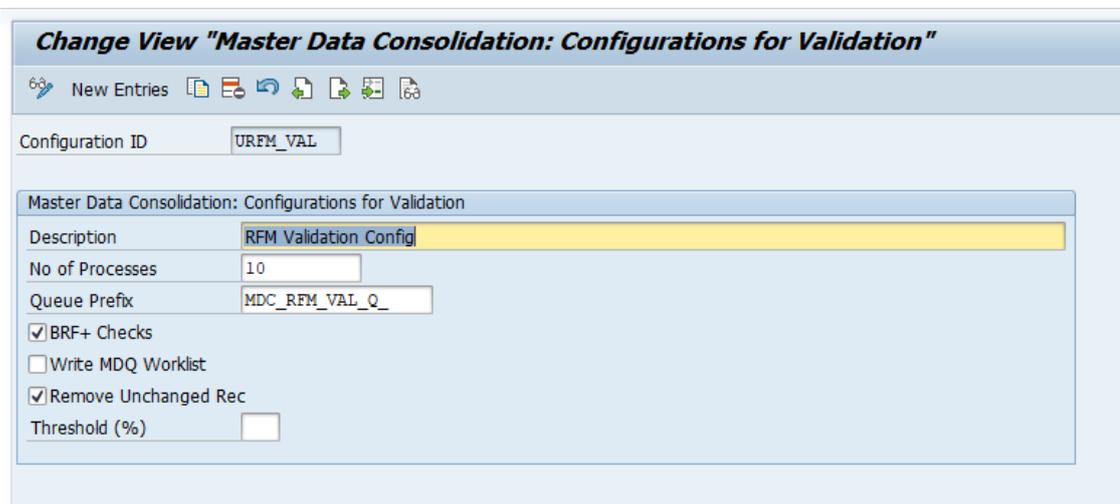
Do not set the indicator for initial validations.

It is recommended to set the indicator for validation steps before the final activation step for clarity reasons.

The number of the removed records is displayed in the UI.

Removing unchanged records could also improve the performance.

The following screen displays the configuration screen for validation.



**Change View "Master Data Consolidation: Configurations for Validation"**

New Entries [Icons]

Configuration ID:

Master Data Consolidation: Configurations for Validation

Description	<input type="text" value="RFM Validation Config"/>
No of Processes	<input type="text" value="10"/>
Queue Prefix	<input type="text" value="MDC_RFM_VAL_Q_"/>
<input checked="" type="checkbox"/> BRF+ Checks	
<input type="checkbox"/> Write MDQ Worklist	
<input checked="" type="checkbox"/> Remove Unchanged Rec	
Threshold (%)	<input type="text"/>

### 2.3.13. Configure Activation

This process step helps in the configuration of the activation once the process is completed.

The activation can be either Direct activation of cleansing case or through the MDG Change Request.

Upon activation, the records are created in backend. This also provides the settings to enable the replication of data along with the BRFplus validation and validation BAdI to be called.

This can be navigated through the path: Master Data Governance, Consolidation and Mass Processing > Configure Activation > Configuration Activation for RFM

You can enable the default configuration for activation by running transaction code SCRPR20 and activating the BC-Set /UGI4/MDC\_RFM\_ACT\_CONFIG\_1909.

Use the following steps to create a config ID for Activation.

1. Click on New Entries
2. Provide the name of the config ID.
3. Maintain the adapter config description.
4. Provide prefix for the queue MDC\_RFM\_ACT\_Q\_. Make sure that this matches with the convention maintained against section [Configuration of bgRFC](#).
5. Double-Click and navigate to the detailed view of the configuration.
6. Under the tab, “New Records”, maintain the following settings:
  - a. Activation Target for new records - Direct activation, Activation with Change Request, or no activation.
  - b. Type of Change Request: Choose dropdown to select the type of Change Request in case the option is selected as “Activation with change request”.
  - c. RMP Schema: Choose the Schema type if the change request type selected is for RMP (Retail Mass Processing). This field will be enabled only if the change request type selected is of RMP
7. Maintain the value for Max. Records. This is the maximum number of objects that can be part of each Import Type Change request.
8. Maintain the activation settings under the tab, “Updated Records” for consideration for mass processing.
9. For match groups, maintain the settings under the tab “Match Group”.
10. Under the tab, Replication, mark the checkbox “Call DRF after Activation” in case the data must be replicated after successful activation.
11. Under the Tab Validation, Mark the below checkbox for additional validations as needed
  - a. MDG Checks (Validation Rules and BAdI Validation)
  - b. BRF+ checks
12. Under the tab Retention time, specify a period between 0 to 999 days in which the records and the history of the process are retained to be displayed even after the final process step, typically the activation. During this period the records are locked.
13. This is further extended to hours and minutes

**Change View "Configurations for Activation for RFM": Details**

Configuration ID / Description: URFM\_ACT SAP : RFM Activation

**Configurations for Activation for RFM**

Number of Processes: 10  
Prefix for Queue Name: MDC\_RFM\_ACT\_Q\_

**New Records**

Activation Target for New Records: Direct Activation  
Type of Change Request: [ ] RMP Schema: [ ]  
Max. Records: 10

**New Records (Errors)**

Activation Target for New Records (Errors): [ ]  
Type of Change Request: [ ] RMP Schema: [ ]  
Max. Records: 10

**Updated Records**

Activation Target for Updated Records: [ ]  
Type of Change Request: [ ] Mass Schema: [ ]  
Max. Records: 10

**Updated Records (Errors)**

Activation Target for Updated Records (Errors): [ ]  
Type of Change Request: [ ] RMP Schema: [ ]  
Max. Records: 10

---

**Change View "Configurations for Activation for RFM": Details**

**Match Groups**

Activation Target for Match Groups: [ ]  
Type of CR New: [ ] RMP Schema: [ ]  
Type of CR Upd.: [ ] RMP Schema: [ ]  
Max. Records: 10

**Match Groups (Errors)**

Activation Target for Match Groups (Errors): [ ]  
Type of CR New Err: [ ] RMP Schema: [ ]  
Type of CR Upd. Err: [ ] RMP Schema: [ ]  
Max. Records: 10

**Validation**

MDG Checks  
 BRF+ Checks

**Replication**

Call DRF After Activation

**Retention Time**

Days: [ ] Hours: [ ] Minutes: [ ]

### 2.3.14. Configure Process Template

Process template is used to define the flow of the process id. The setup of process templates is tied to certain rules concerning the order and recurrence of the individual process steps.

The process goal defines the type of template. For example, the following process goal for mass processing is M. It is customizable based on the business requirement. A simple flow can have the steps in the following sequence.

Initial check (validation) > Standardization > Validation > Matching > Best Record Calculation > Activation

You can enable the default configuration for activation by running transaction code SCRPR20 and activating the BC-Set /UGI4/MDC\_RFM\_PT\_CONFIG\_1909. The following table has the process steps and their recurrence and limitations.

Process Step	Recurrence	Order	Used by Consolidation	Used by Mass Processing
Standardization	No Limitation		X	X
Update	No Limitation		X	X
Matching	Once		X	
Best Record Calculation	Once	After Matching	X	
Validation	No Limitation		X	X
Filter and Remove	No Limitation	After: - BRC Validation Matching	X	X
Activation	Once	Last or last but one	X	X
Replication	Once	Last	X	X

Run t-code MDCIMG and navigate through the customizing path: Master Data Governance, Consolidation and Mass Processing > Configure Process Template >Specify Process Template.

Use the following steps to configure the process template:

1. Choose New Entries.
2. Enter a Process Template ID, a corresponding Description, select the Business Object Type DRF\_0017 and the Workflow Template WS54500001.
3. In the Process Goal field, use the input help to select the goal of the process.
4. The following types of process goals are available for selection:

**Consolidation of Source Records:** Records can be loaded repeatedly to be consolidated. The records are not replicated to the source systems.

**Consolidation for Central Maintenance:** Records are loaded only once in the hub system. After being consolidated the records are replicated to the source systems. You can use SAP MDG, central governance to perform the central maintenance.

**Mass Processing:** A selection of active records is updated. The process steps matching, and best record calculation are not supported.

**Consolidation of Active Records:** Your active master data records are checked for duplicates and best records are defined according to your settings. You select a certain process strategy for duplicate records to be applied:

- Remove Duplicates: The duplicates are marked for deletion. The key mapping is directed to the best record.
- Improve Best Record: The duplicates are kept unchanged. The key mapping remains unchanged.
- Improve All Records: The duplicates are kept but become copies of the best record. The key mapping remains unchanged.

5. The Delete Source indicator enables you to configure a default value for the UI. If you want as default value on the UI that source data is deleted after finalizing the process set the “Delete” flag.
6. Save your entries.

Use the following steps to Configure Process Template Step:

1. Mark a process template and choose Process Template Step
2. Select New Entries.
3. Enter a Step Number.
4. Select a Step Type using the input help.
5. Select a corresponding Adapter using the input help.

6. Select a corresponding Configuration ID.
7. If you want the process to stop to review the data after finalizing this process step set the Check Point active indicator.
8. In case you have set the Check Point indicator, choose one of the following options using the input help:

No action control: The process can be continued by a user assigned to a role with the required authorization.

Apply the four-eyes-principle: The process can be continued by a user assigned to a role with the required authorization except the requestor.

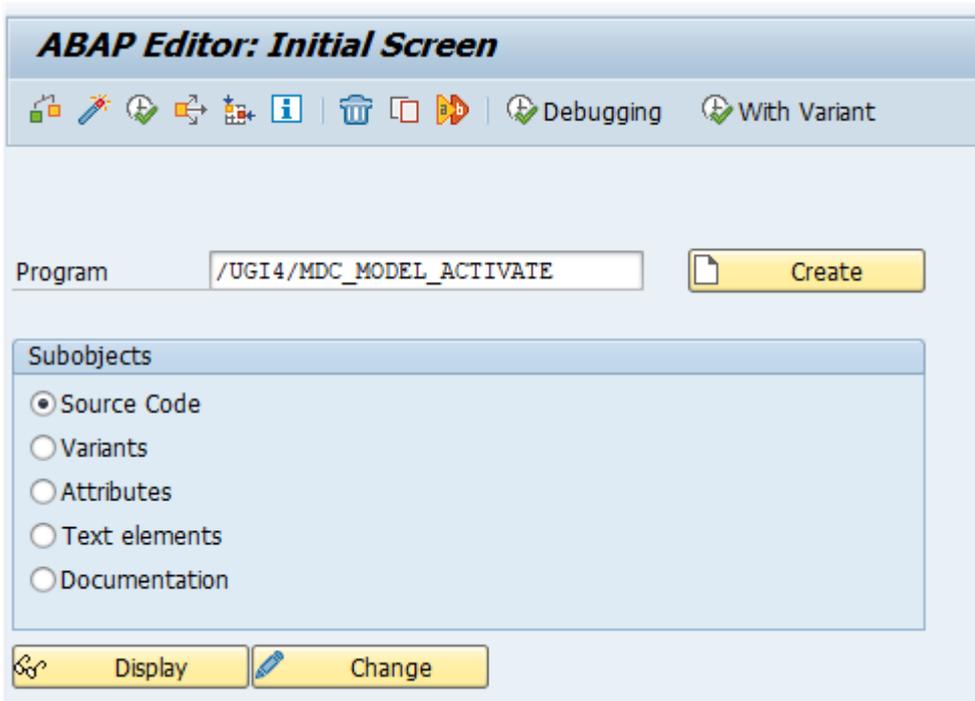
Action is only allowed for requestor: The process can exclusively be continued by the requestor.

**i** Note

The users must be assigned to roles that contain the authorization object MDC\_PROOT:  
 The activity 31 Confirm must be assigned to continue processes.  
 The activity 37 Accept must be assigned to continue processes despite unfinished match reviews.

### 2.3.15. Activate Process Model

Run Transaction SE38. Execute program /UGI4/MDC\_MODEL\_ACTIVATE.



## 2.4. MDC UI Implementation

The MDC Fiori App details are listed in the following categories:

- [Required Back-end Product](#)
- [Line of Business](#)
- [Application Type](#)
- [Database](#)

### 2.4.1. Required Back-end Product

SAP Master Data Governance.

## 2.4.2. Line of Business

Asset Management, Finance, Manufacturing, Marketing/Engineering, Sales, Service, Sourcing and Procurement, Supply Chain.

## 2.4.3. Application Type

Transactional (Fiori UI5)

## 2.4.4. Database

HANA DB

## 2.4.5. Implementation Information

The following implementation information applies for the Fiori App delivered for this release.

### 2.4.5.1. Installation

The application consists of Front-end components (such as the user interfaces) and Back-end components (such as the OData service). The Backend and front-end components are delivered with separate products and to be installed in a system landscape, which is enabled for SAP Fiori.

Front-end components	
Product Version	<ul style="list-style-type: none"> <li>SAP MASTER DATA GOVERNANCE 804</li> <li>MDC Solutions for RFM 1909 by Utopia for SAP UGI4 930 Add-on Component</li> </ul>
Support Package Stack	<ul style="list-style-type: none"> <li>00</li> </ul>
Product Instance(s)	<ul style="list-style-type: none"> <li>MDC Solutions for RFM 1909 by Utopia for S/4HANA</li> </ul>
Software Component Version	<ul style="list-style-type: none"> <li>UGI4 – Utopia Fiori Software Component – 930</li> </ul>
Prerequisite for installation	MDC Solutions for RFM 1909 by Utopia for SAP UGI4 930 is an add-on to: <ul style="list-style-type: none"> <li>SAP FIORI FRONT-END SERVER 5.0 - SPS Initial Shipment Stack, or</li> <li>SAP GATEWAY 2.0 - SPS 10 (03/2015) or</li> <li>S/4HANA on Premise 1909</li> </ul>

Back-end components (ABAP)	
Product Version	<ul style="list-style-type: none"> <li>SAP MASTER DATA GOVERNANCE 804</li> <li>MDC Solutions for RFM 1909 by Utopia for SAP UGI Add-on Component 930</li> </ul>
Support Package Stack	<ul style="list-style-type: none"> <li>00</li> </ul>
Product Instance(s)	<ul style="list-style-type: none"> <li>Master Data Consolidation and Mass Processing</li> </ul>
Software Component Version	<ul style="list-style-type: none"> <li>UGI4 – Utopia Fiori Integration Addon – 930</li> </ul>
Prerequisite for installation	MDC Solutions for RFM 1909 by Utopia for SAP UGI4 930 is an add-on to <ul style="list-style-type: none"> <li>SAP FIORI FRONT-END SERVER 5.0 - SPS Initial Shipment Stack, or</li> <li>SAP GATEWAY 2.0 - SPS 10 (03/2015) or</li> <li>S4HANA on Premise 1909</li> </ul>

## 2.4.6. Configuring SAP MDC Fiori Applications for RFM

### **i** Note

Roles and Catalogs and groups are provided as an example. The following steps need to be followed if customization is required.

To configure the SAP Fiori applications for MDC, execute the following steps:

1. Ensure that /UGI4/MDC\_RFM\_ADAPTERS\_1909 BC-Set is activated, and adapters are available for configuration of process steps.
2. Activate the following business function/switches for enabling the configurations for MDC.
  - a. MDG\_CONSOLIDATION\_CUSTOBJ\_2
  - b. MDC\_CUSTOBJ\_SWITCH\_2
  - c. MDC\_FND\_SWITCH
  - d. MDC\_FND\_SWITCH\_2
  - e. MDG\_MDC\_SWITCH

3. Configure the SAP Fiori Launchpad for MDC

Activate the standard UI2 service to view the applications in the launchpad.

The following services needs to be added with system alias using t-code /N/IWFND/MAINT\_SERVICE.

### **i** Note

Below services are applicable for fresh installation and verify the status of these services before proceeding with the next section.

- /UI2/INTEROP
- /UI2/TRANSPORT
- /UI2/PAGE\_BUILDER\_PERS
- /UI2/PAGE\_BUILDER\_CUST
- /UI2/PAGE\_BUILDER\_CONF

## 2.5. ODATA Configurations for MDC

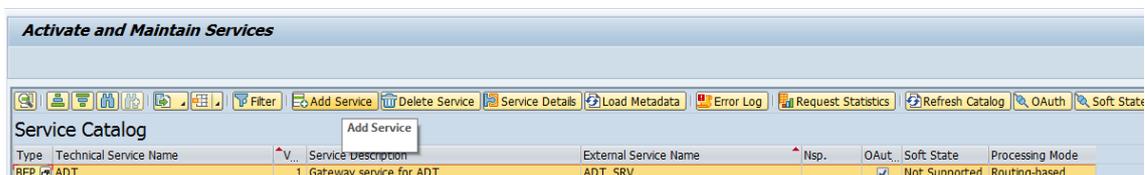
The following topics are described in the section:

- Set System Alias
- Activate ICF Nodes for OData Services
- Assigning System Alias for OData Services

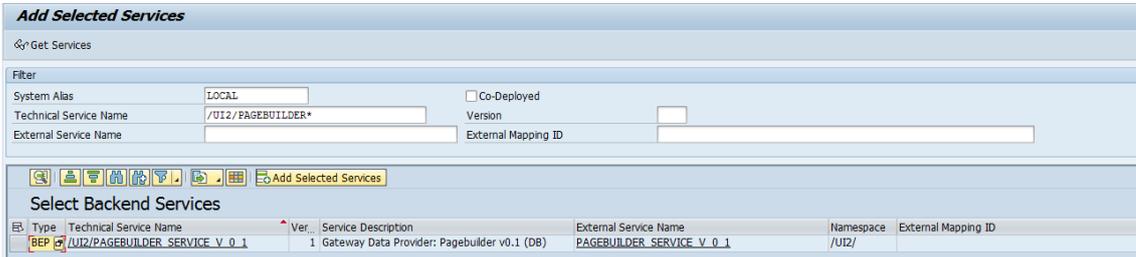
### 2.5.1. Set System Alias

Use the following steps to set the system alias:

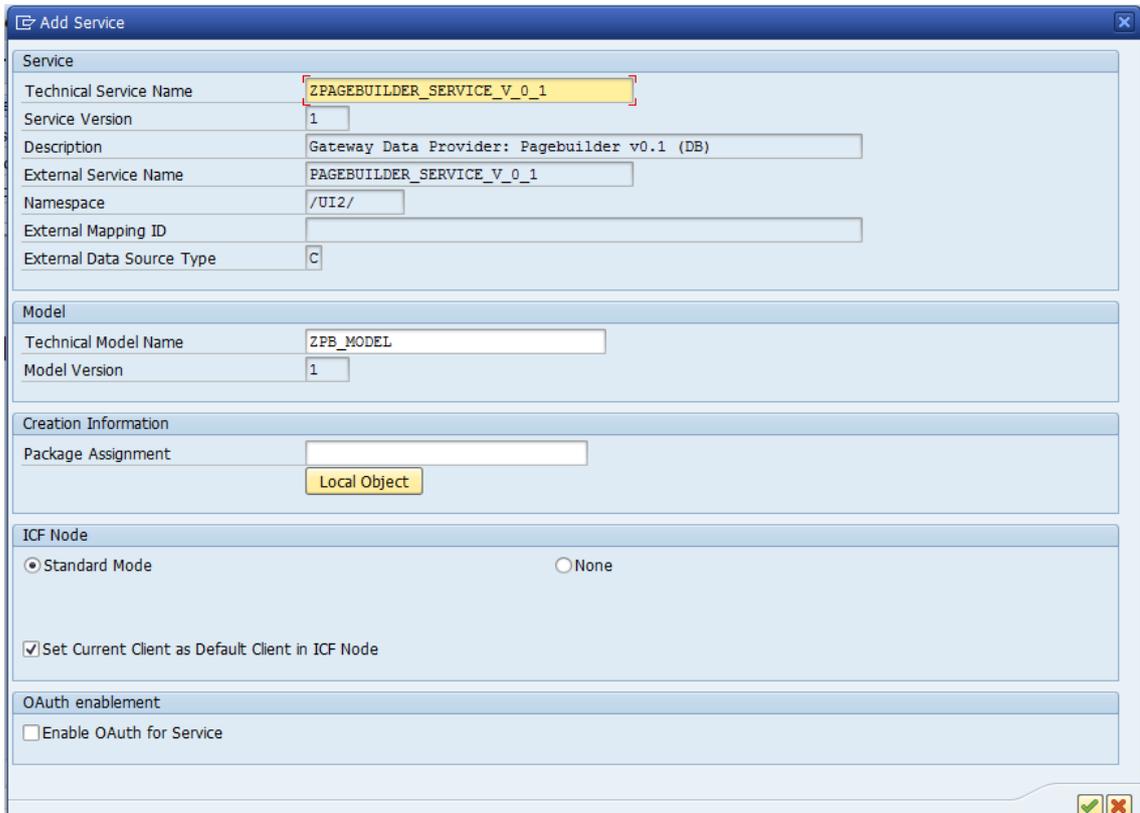
1. Go to transaction /n/IWFND/MAINT\_SERVICE
2. Add new service



3. Mark the back-end service and “Add Selected Service”.
4. Select your Fiori server or in single instance select the system alias LOCAL.



5. Add the service.



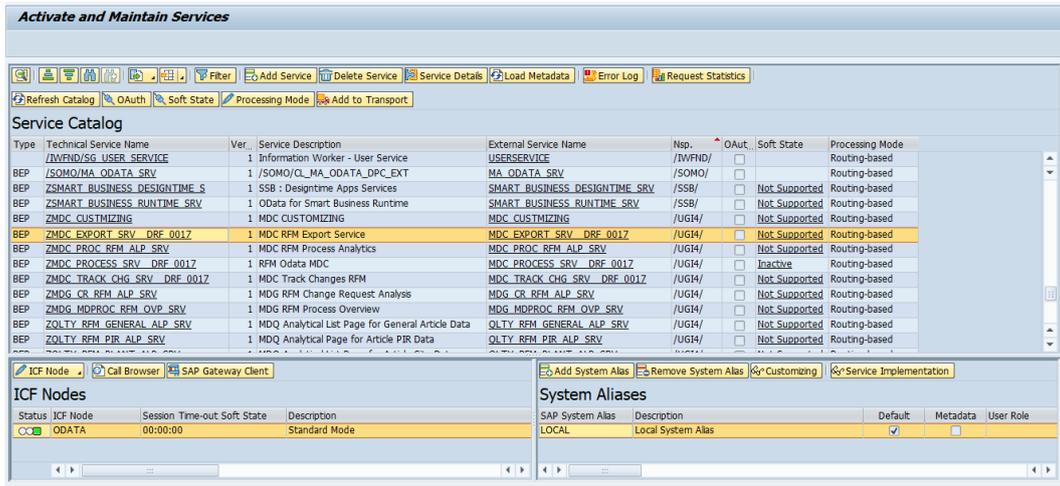
After successful activation the list of “Selected Back-end Services” is empty

6. Repeat steps a. to c. in [Activate ICF Nodes for OData services](#) for all the listed services.
7. Finally, navigate to SICF and check that the services are active under the branch sap/opu/odata/ui2.

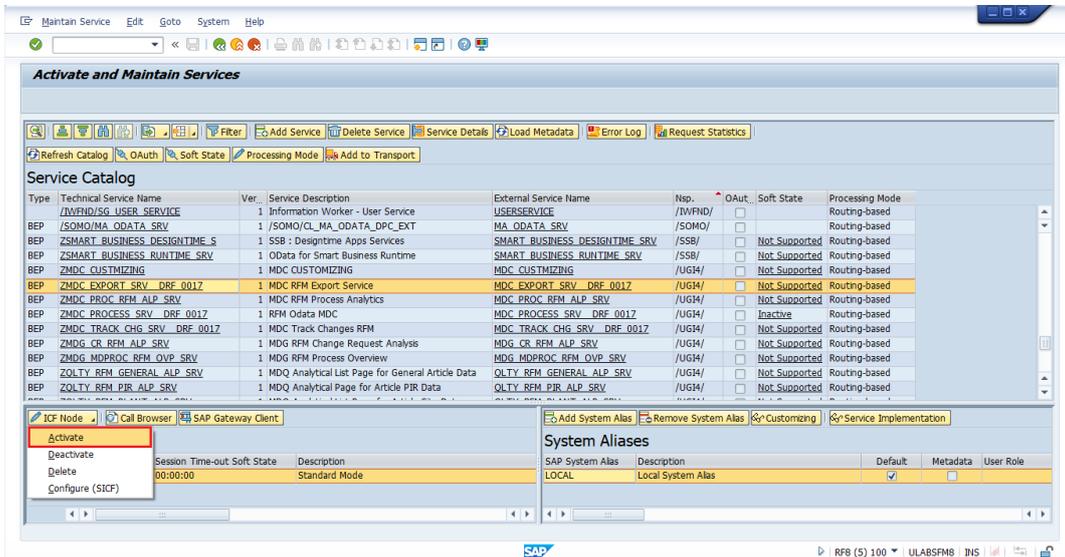
## 2.5.2. Activate ICF Nodes for OData Services

To Activate ICF Node for OData services, execute the following steps:

1. Select OData service: Run t-code /N/IWFND/MAINT\_SERVICE



2. Select the service and click on ICF Node.



After activating the service, ICF node status is displayed in green color.

**Note**

Repeat these steps for all the listed services in Section: Activate ICF Nodes for OData services as given in Table 1.

The list of MDG MDC Fiori OData Services are listed in the following table:

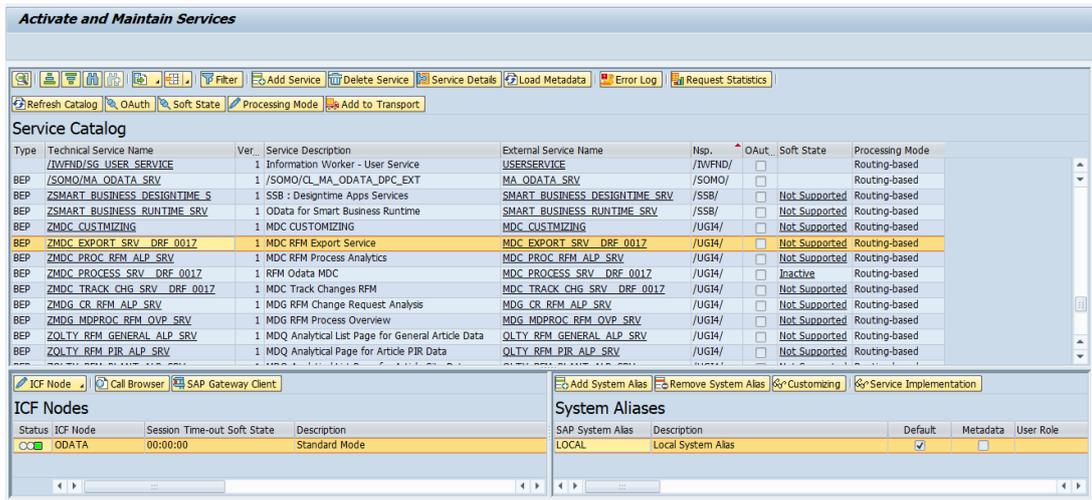
Scenario	Technical Service Name
MDC Import File	MDC_IMPORT_SRV
MDC Process	MDC_PROCESS_SRV
MDC RFM Process	/UGI4/MDC_PROCESS_SRV_DRF_0017
MDC Application Log Service	APL_LOG_MANAGEMENT_SRV
MDC Customizing Service	MDC_CUSTMIZING
MDC RFM Customizing Service	/UGI4/MDC_CUSTMIZING
Master Data Manage Source Data	MDC_MANAGE_SOURCE_DATA_SRV
MDC RFM Process Analysis	/UGI4/MDC_PROC_RFM_ALP_SRV
MDG RFM Change Request Analysis	/UGI4/MDG_CR_RFM_ALP_SRV
Master Data Overview for Article	/UGI4/MDG_MDPROC_RFM_OVP_SRV
Masterdata Export	MDC_EXPORT_SRV
Masterdata Export- RFM	/UGI4/MDC_EXPORT_SRV_DRF_0017
MDC Track Changes RFM	/UGI4/MDC_TRACK_CHG_SRV_DRF_0017

Table 1: MDC FIORI NW OData Services

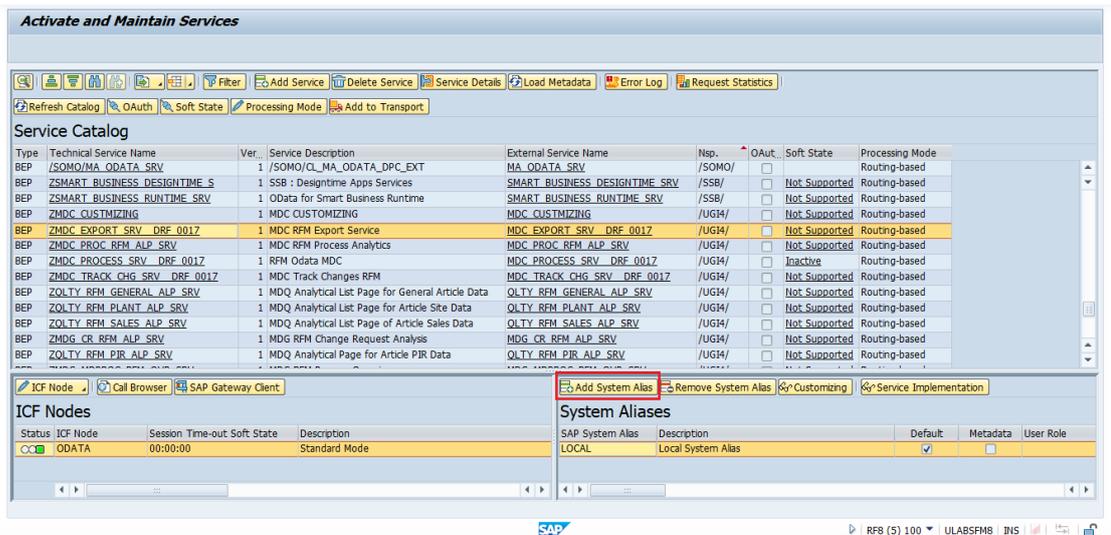
### 2.5.3. Assigning System Alias for OData Services

To assign system alias for OData services, execute the following steps:

1. Select OData service: Run t-code /N/IWFND/MAINT\_SERVICE



2. Select the respective service (for all the listed services in Section: [Activate ICF Nodes for OData services](#) – Table 1).
3. Click on “Add System Alias” button.



4. Click on  button on information pop-up.



5. Select the entry and add system alias as in the following screen.

**Change View "Assign SAP System Aliases to OData Service": Overview**

Service Doc. Identifier	User Role	Host Name	SAP System Alias	Default System	Metadata Default	Tech. Svc. Name	Ext. Service Name
ZMDC_EXPORT_SRV_DRF_0017_00...			LOCAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ZMDC_EXPORT_SRV_DRF_0017	MDC_EXPORT_SRV_DRF_0017

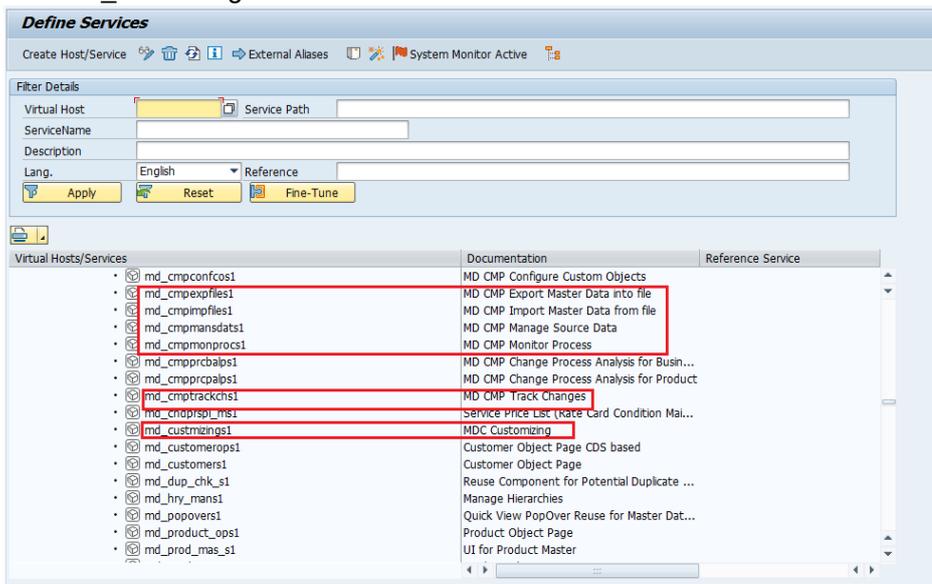
6. Save your entries.



Repeat these steps for all the listed services in Section: [Activate ICF Nodes for OData services – Table 1.](#)

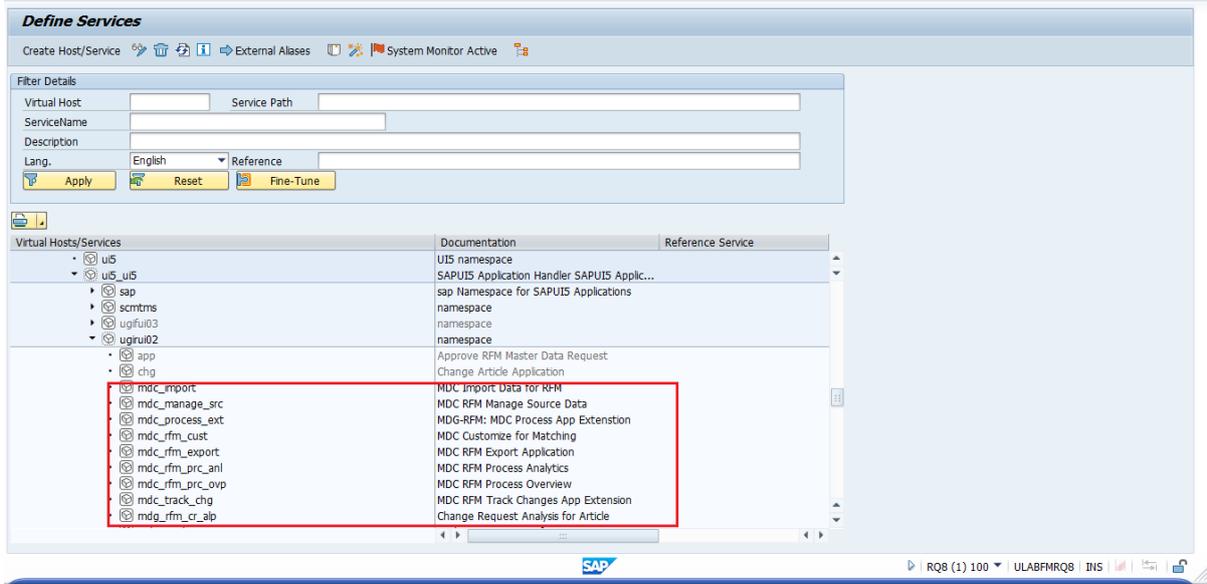
### 2.5.4. Activation of MDC standard SICF Services

1. Go to Transaction code SICF and navigate to the service path /default\_host/sap/bc/ui5\_ui5/sap/.
2. Right-click on the following services and activate.
  - a. md\_cmpexpfiles1
  - b. md\_cmpimpfiles1
  - c. md\_cmpmansdats1
  - d. md\_cmpmonprocs1
  - e. md\_cmptrackchs1
  - f. md\_custmizings1



### 2.5.5. Activation of MDC RFM SICF Services

1. Go to Transaction code SICF and navigate to the service path /default\_host/sap/bc/ui5\_ui5/ugirui02/.
2. Right-click on the following services and activate.
  - a. Mdc\_import
  - b. Mdc\_manage\_src
  - c. mdc\_process\_ext
  - d. mdc\_rfm\_cust
  - e. mdc\_rfm\_export
  - f. mdc\_rfm\_prc\_anl
  - g. mdc\_rfm\_prc\_ovp
  - h. mdc\_track\_chg
  - i. mdg\_rfm\_cr\_alp



### 3. MDQ Fiori Configuration

#### 3.1. Prerequisites/Before You Start

Before you start using MDQ, make sure that the following prerequisite is fulfilled.

- Ensure that the MDC Configuration is completed.
- Ensure that **/UGI4/** and **/UGIRUI02/** namespace is modifiable. Transaction to verify the process is, SE03 transaction > Set system change option.

Namespace/Name Range	Prefix	Modifiable
	/TXS/	Modifiable
Utopia Global FMS Solution for SAP MDG	/UGI4/	Modifiable
Utopia IDoc Enhancements for RFM	/UGI8/	Modifiable
Utopia FMS Fiori UI	/UGIFUI03/	Modifiable
Utopia RFM Fiori Integration	/UGIOD02/	Modifiable
Utopia FMS Fiori Integration	/UGIOD03/	Modifiable
MDG RFM Mass Processing by Utopia	/UGIRMP/	Modifiable
Utopia RFM Fiori UI	/UGIRUI02/	Modifiable
	/UI2/	Modifiable

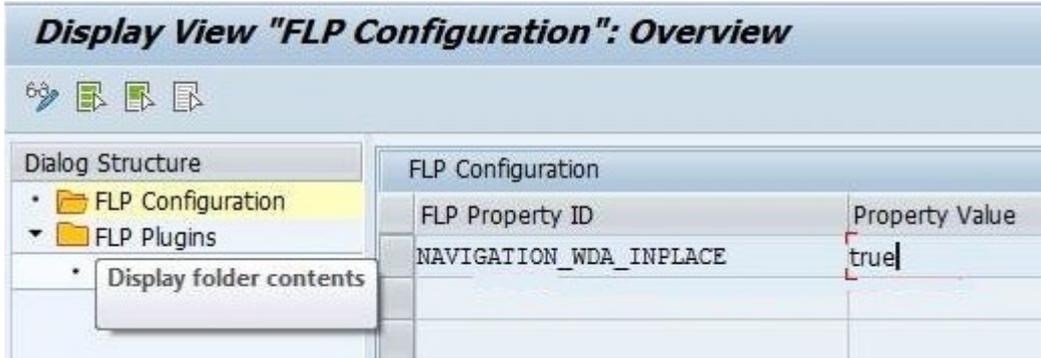
##### 3.1.1. Prerequisite OSS Notes

1. OSS Note [2403527](#) is used for BRF+ Navigations in the same window when launching from FIORI Application. Please follow the below steps:

To apply the settings in a single client, use transaction **/n/UI2/FLP\_CUS\_CONF**

1. Select Display > Change or enter CTRL+F1
2. Select New Entries
3. Add either of the following parameters or both:
  - i. NAVIGATION\_GUI\_INPLACE
  - ii. NAVIGATION\_WDA\_INPLACE
4. In the Type column, enter Boolean (True/False)
5. In the Property Value column, enter true

6. Hit Save or CTRL+S



### 3.1.2. Prerequisite Services

For MDQ, ensure to activate the following services in SICF for Import and Export Applications to work.

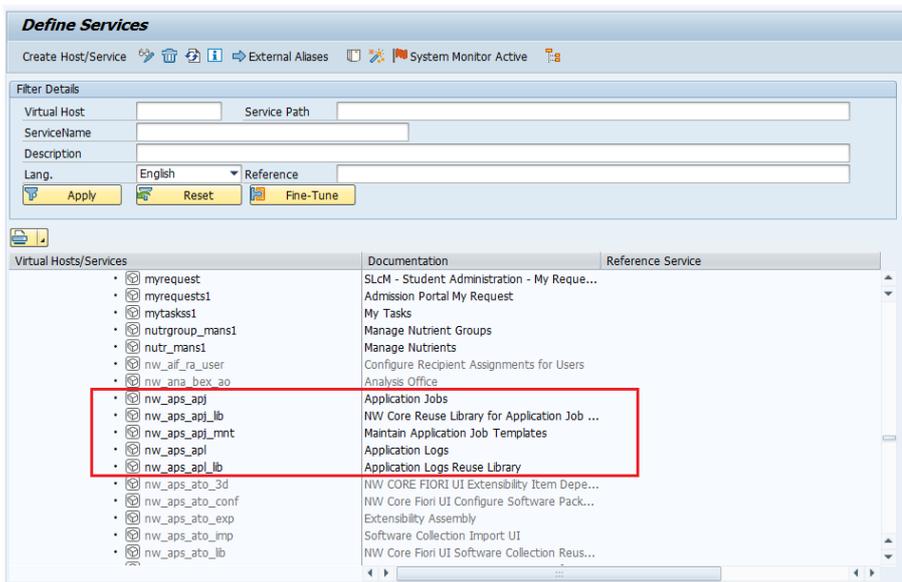
Path: /default\_host/sap/bc/ui5\_ui5/sap/

Services: nw\_aps\_apl  
nw\_aps\_apl\_lib

For MDQ, ensure to activate the following services in SICF for scheduling data quality evaluation process to work.

Path: /default\_host/sap/bc/ui5\_ui5/sap/

Services: nw\_aps\_apj  
nw\_aps\_apj\_lib  
nw\_aps\_apj\_mnt



### 3.1.3. Roles For MDQ

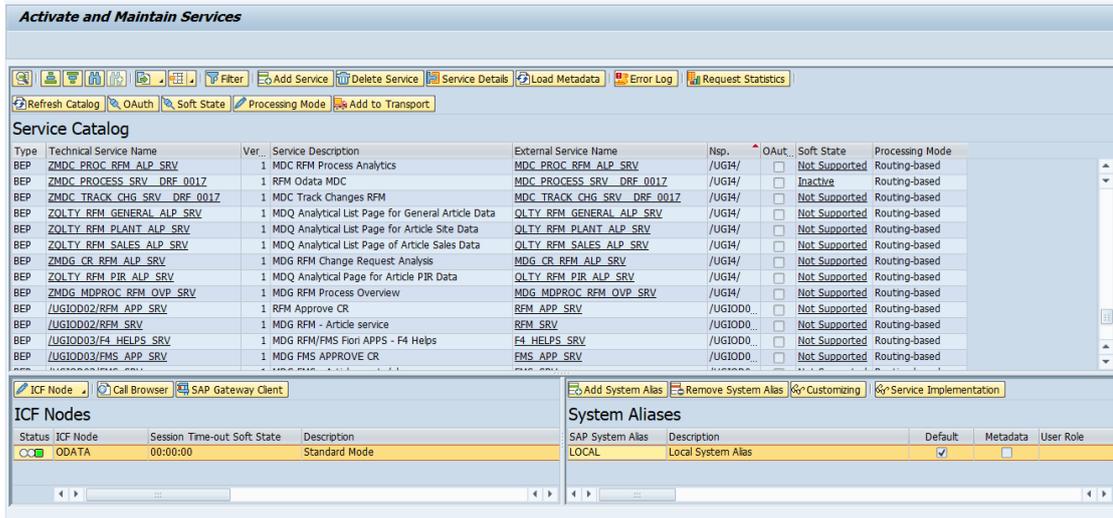
To view the Master Data Quality applications, the following roles should be assigned.

- /UGIRUI02/BCR\_MDQ\_RFM

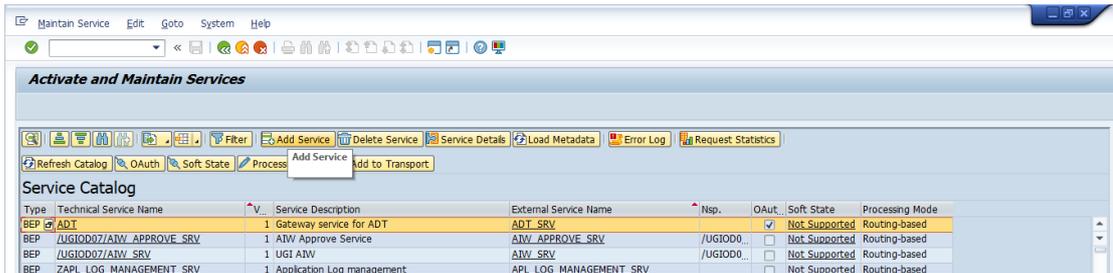
## 3.2. ODATA Configurations for MDQ

### 3.2.1. Activating Services in MAINT\_SERVICE

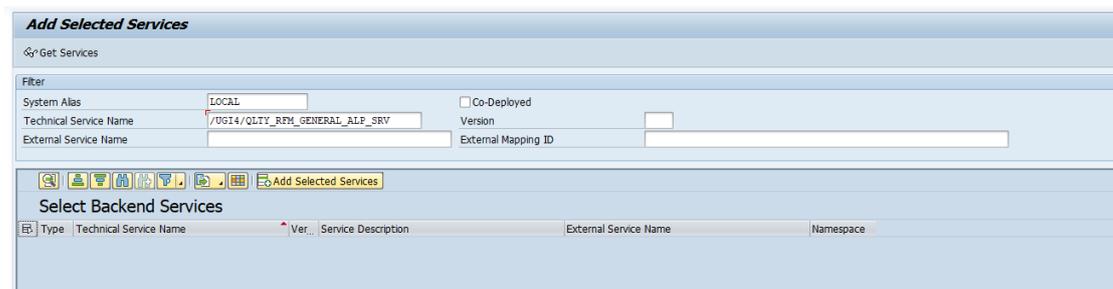
1. Go to Transaction /n/iwfn/maint\_service



2. Add the service.



3. Enter the below details and click on Get services



4. Select the service and click on Add selected services.
5. Do not change the generated name and select Local Object
6. Follow the same steps for the following highlighted services.
  - /UGI4/QLTY\_RFM\_GENERAL\_ALP\_SRV
  - /UGI4/QLTY\_RFM\_PLANT\_ALP\_SRV
  - /UGI4/QLTY\_RFM\_PIR\_ALP\_SRV
  - /UGI4/QLTY\_RFM\_SALES\_ALP\_SRV

**Activate and Maintain Services**

Refresh Catalog | OAuth | Soft State | Processing Mode | Add to Transport

**Service Catalog**

Type	Technical Service Name	Ver.	Service Description	External Service Name	Nsp.	OAut.	Soft State	Processing Mode
BEP	ZMDC_TRACK_CHG_SRV_DRF_0017	1	MDC Track Changes RFM	MDC_TRACK_CHG_SRV_DRF_0017	/UG14/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	ZMDG_CR_RFM_ALP_SRV	1	MDG RFM Change Request Analysis	MDG_CR_RFM_ALP_SRV	/UG14/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	ZMDG_MDPROC_RFM_OVP_SRV	1	MDG RFM Process Overview	MDG_MDPROC_RFM_OVP_SRV	/UG14/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	ZPAGE_BUILDER_CONF	1	Pagebuilder - Configuration level	PAGE_BUILDER_CONF	/UI2/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	ZPAGE_BUILDER_CUST	1	Pagebuilder - Customizing level	PAGE_BUILDER_CUST	/UI2/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	ZPAGE_BUILDER_PERS	1	Pagebuilder - Personalization level	PAGE_BUILDER_PERS	/UI2/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	ZOLTY_RFM_GENERAL_ALP_SRV	1	MDQ Analytical List Page for General Article Data	OLTY_RFM_GENERAL_ALP_SRV	/UG14/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	ZOLTY_RFM_PIR_ALP_SRV	1	MDQ Analytical Page for Article PIR Data	OLTY_RFM_PIR_ALP_SRV	/UG14/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	ZOLTY_RFM_PLANT_ALP_SRV	1	MDQ Analytical List Page for Article Site Data	OLTY_RFM_PLANT_ALP_SRV	/UG14/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	ZOLTY_RFM_SALES_ALP_SRV	1	MDQ Analytical List Page of Article Sales Data	OLTY_RFM_SALES_ALP_SRV	/UG14/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	ZSMART_BUSINESS_DESIGNTIME_S	1	SSB : Designtime Apps Services	SMART_BUSINESS_DESIGNTIME_SRV	/SSB/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	ZSMART_BUSINESS_RUNTIME_SRV	1	OData for Smart Business Runtime	SMART_BUSINESS_RUNTIME_SRV	/SSB/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	ZTRANSPORT	1	UI2: Transport Service	TRANSPORT	/UI2/	<input type="checkbox"/>	Not Supported	Routing-based

**ICF Nodes**

Status	ICF Node	Session Time-out	Soft State	Description
<input checked="" type="checkbox"/>	ODATA	00:00:00		Standard Mode

**System Aliases**

SAP System Alias	Description	Default	Metadata	User Role

7. Activate these SAP standard services by following below steps:
8. SMART\_BUSINESS\_RUNTIME\_SRV is the external service name

Add Service | Edit | Goto | System | Help

**Add Selected Services**

Get Services

Filter

System Alias: LOCAL  Co-Deployed

Technical Service Name:

Version:

External Service Name: SMART\_BUSINESS\_RUNTIME\_SRV External Mapping ID:

**Select Backend Services**

Type	Technical Service Name	Ver.	Service Description	External Service Name	Namespace
BEP	/SSB/SMART_BUSINESS_RUNTIME_SRV	1	OData for Smart Business Runtime	SMART_BUSINESS_RUNTIME_SRV	/SSB/

Add Service | Edit | Goto | System | Help

**Add Service**

Service

Technical Service Name: ZSMART\_BUSINESS\_RUNTIME\_SRV

Service Version: 1

Description: OData for Smart Business Runtime

External Service Name: SMART\_BUSINESS\_RUNTIME\_SRV

Namespace: /SSB/

External Mapping ID:

External Data Source Type: C

**Model**

Technical Model Name: ZSMART\_BUSINESS\_RUNTIME\_MDL

Model Version: 1

**Creation Information**

Package Assignment: #TMP **Local Object**

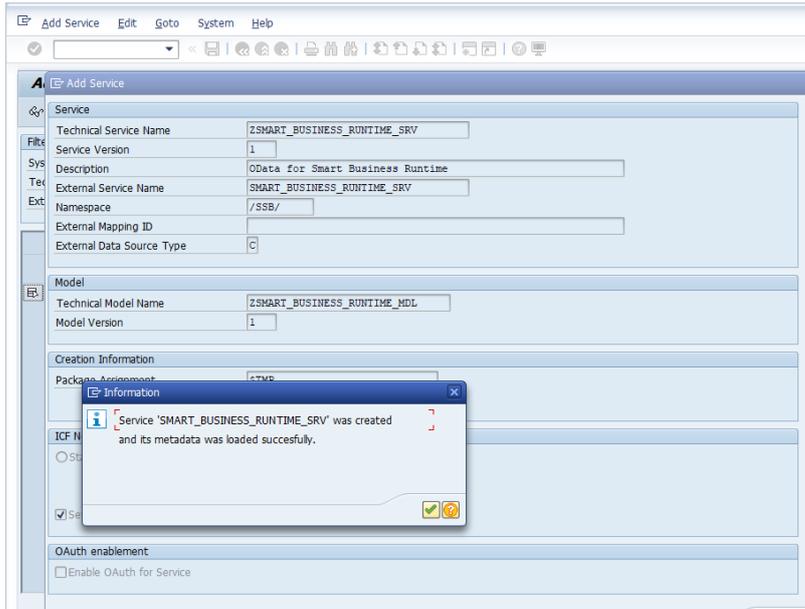
**ICF Node**

Standard Mode  None

Set Current Client as Default Client in ICF Node

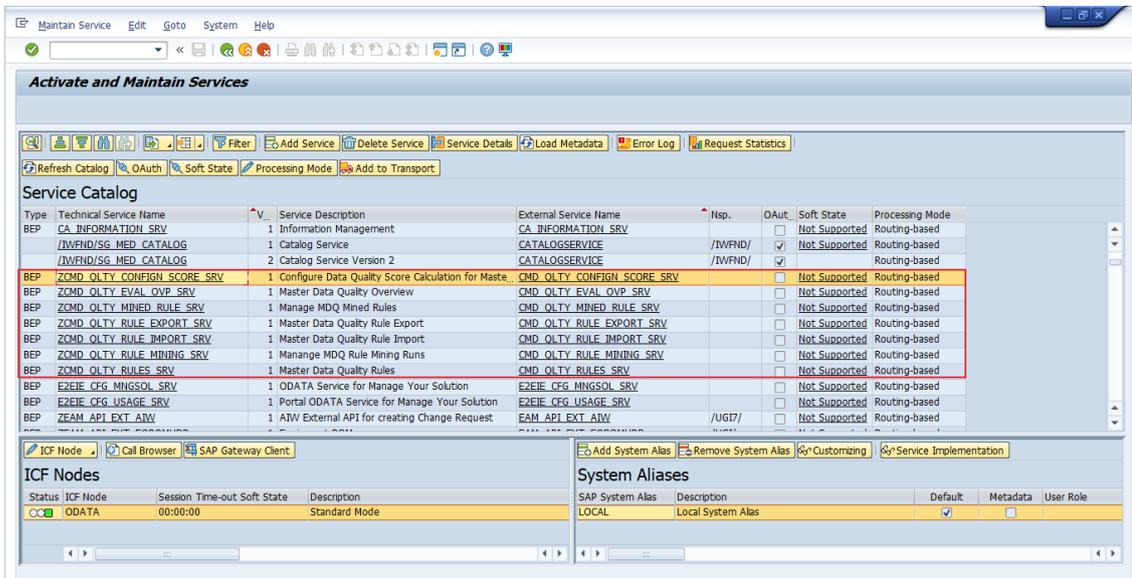
**OAuth enablement**

Enable OAuth for Service



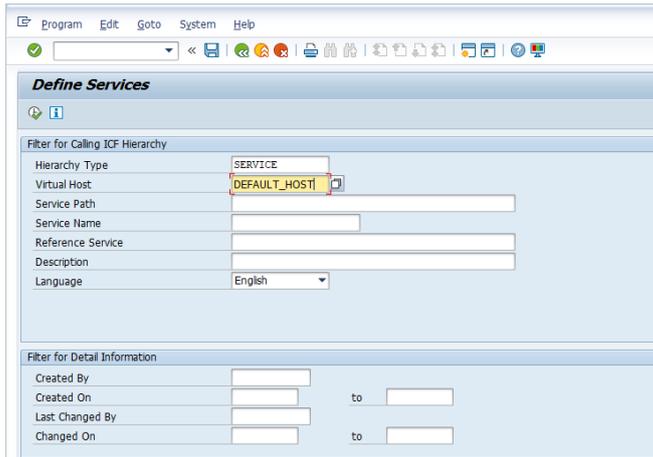
9. Follow the same steps to activate following highlighted services.

External Service Names	System Alias
APJ_JOB_MANAGEMENT_SRV	LOCAL
CMD_QLTY_CONFIGN_SCORE_SRV	LOCAL
CMD_QLTY_EVAL_OVP_SRV	LOCAL
CMD_QLTY_MINED_RULE_SRV	LOCAL
CMD_QLTY_RULES_SRV	LOCAL
CMD_QLTY_RULE_EXPORT_SRV	LOCAL
CMD_QLTY_RULE_IMPORT_SRV	LOCAL
CMD_QLTY_RULE_MINING_SRV	LOCAL



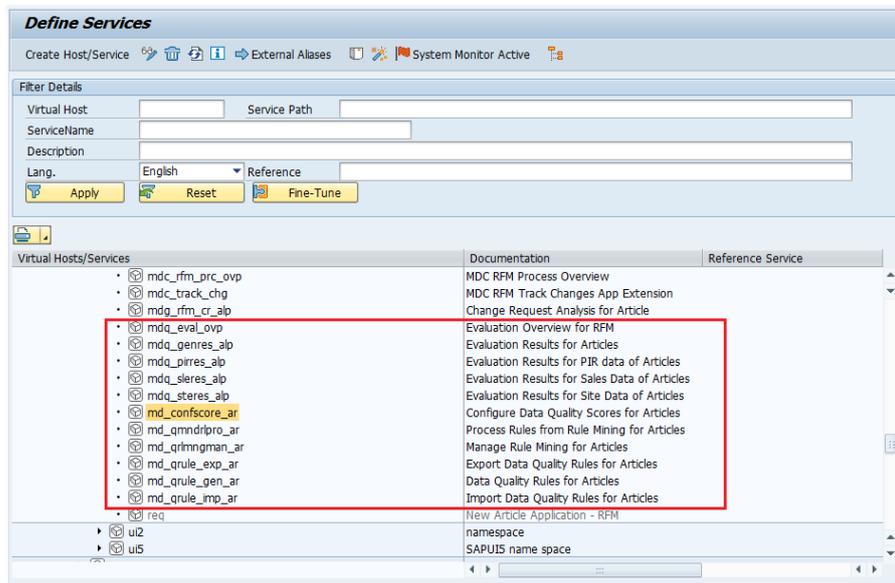
Activating Services in SICF

1. Go to Transaction code **SICF**.



2. Follow the service path /sap/bc/ui5\_ui5/ugirui02/.
3. Right-click on the following services and activate.

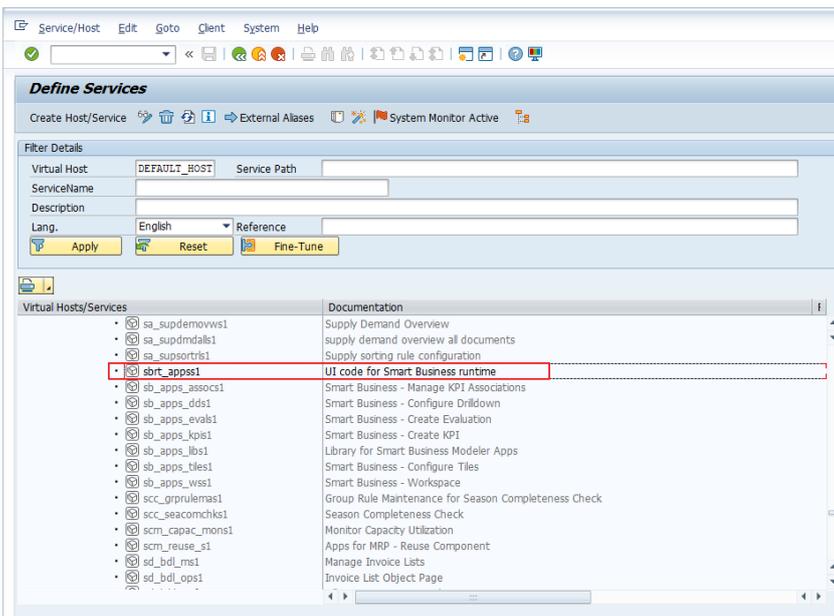
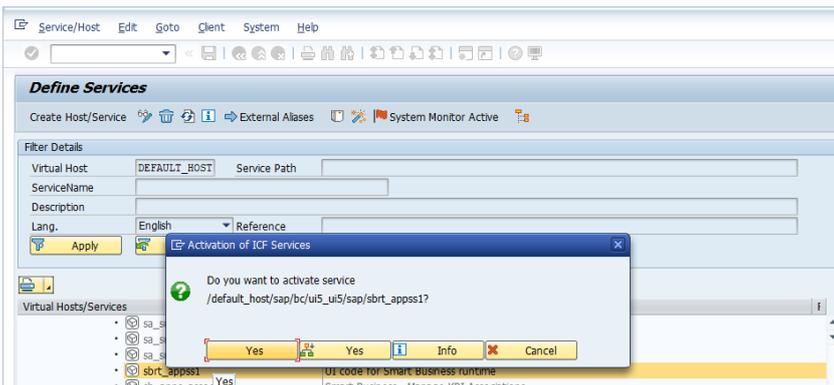
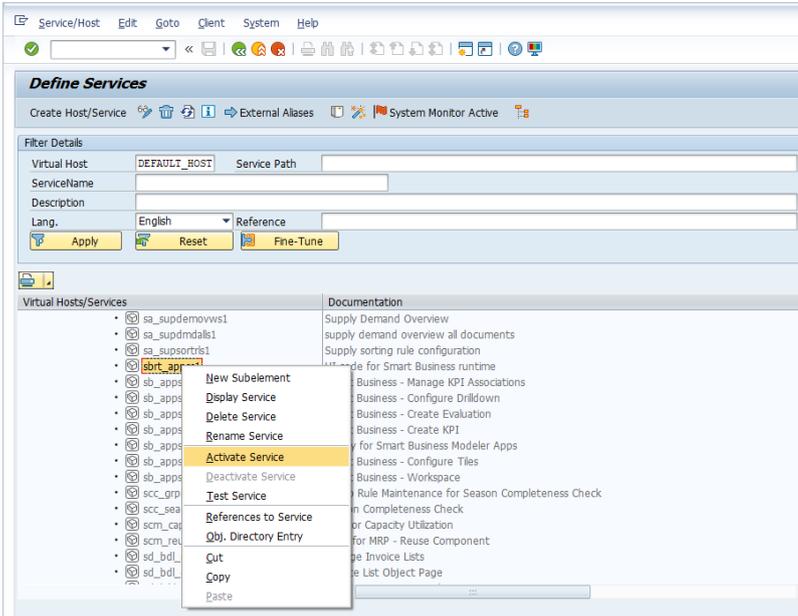
Service Names
mdq_eval_ovp
mdq_genres_alp
mdq_pirres_alp
mdq_sleres_alp
mdq_steres_alp
md_confscore_ar
md_qmndrlpro_ar
md_qrlmngman_ar
md_qrule_exp_ar
md_qrule_gen_ar
md_qrule_imp_ar



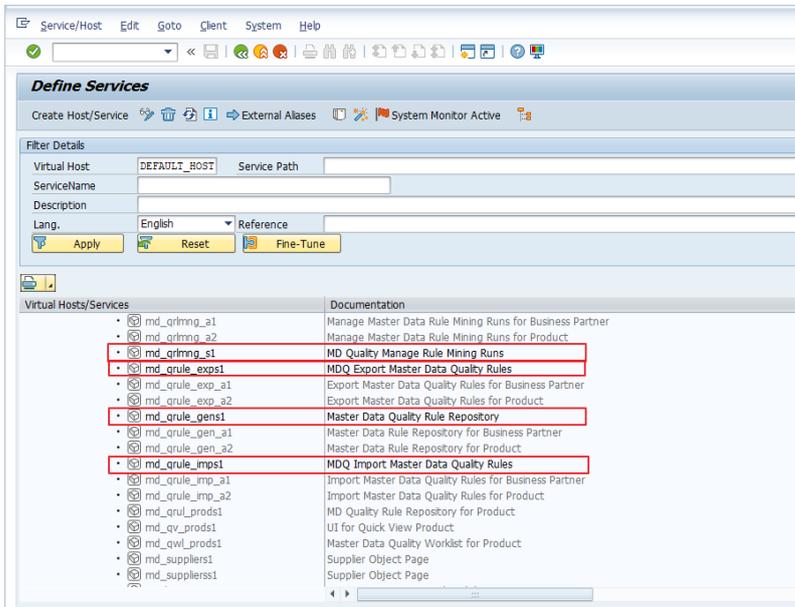
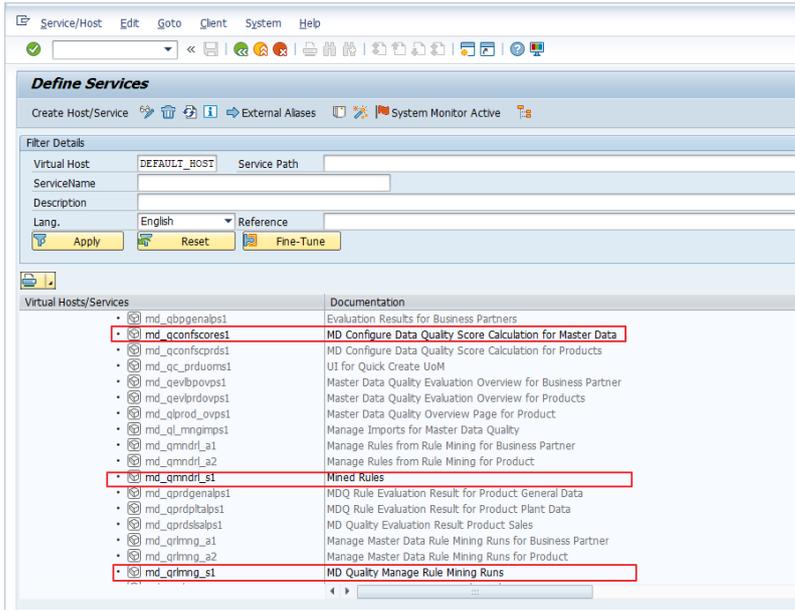
4. Follow the service path /sap/bc/ui5\_ui5/sap/.
5. Right-click on the following services and activate.

Service Names
SBRT_APPSS1
MD_QCONFSCORES1
MD_QMNDRL_S1
MD_QRLMNG_S1

MD_QRULE_EXPS1
MD_QRULE_GENS1
MD_QRULE_IMPS1



6. Follow similar steps for the other services



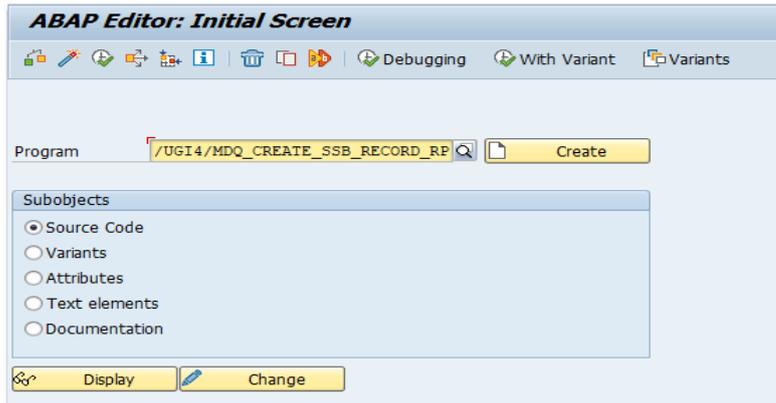
7. Follow the service path /sap/bc/webdynpro/sap/
8. Right-click on the following services and activate.

Service Names
FDT_WD_WORKBENCH_SIMPLIFIED

### 3.2.1. SSB Application Activation

To activate the SSB applications, follow the below steps:

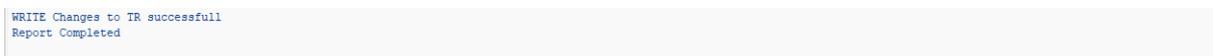
1. Execute the report **/UGI4/MDQ\_CREATE\_SSB\_RECORD\_RP** using SE38.



2. Enter the Task in the User Input of the report. Ensure that the TR is a workbench request and Task is Dev/correction type.



3. Required records are created.



### 3.2.2. Data Quality Rules Usage in MDG Checks (Optional)

MDQ rules that were created in the MDQ rule creation Fiori application, can be called for the governance checks in MDG through the RFM change requests. For this, the created rules must be enabled with “Check in Change Requests” in the MDQ Rule creation Fiori app.

Once the Rules are enabled with the change request check, the validations of the rules in MDG can be called at the steps that are defined at MDGIMG transaction configuration. For Example, refer the following images for a sample configuration of calling MDQ Rules, in AR01 CR type and step 00 (processing step).

MDGIMG->General Settings->Process Modelling->Change Requests->Configure Properties of Change Request Step

**Display IMG**

Existing BC Sets | BC Sets for Activity | Activated BC Sets for Activity | Change Log | Where Else Used

Structure

- Master Data Governance, Central Governance
  - General Settings
    - Technical Settings for Master Data
    - Data Modeling
    - UI Modeling
    - Data Quality and Search
    - Process Modeling
      - Define Governance Scope
      - Create Edition Type
        - Business Activities
        - Change Requests
          - Edit Statuses of Change Requests
          - Create Change Request Type
          - Configure Properties of Change Request Step**
          - Form-based Change Requests
          - Define Priorities for Change Requests
          - Define Reasons for Change Requests
          - Define Rejection Reasons for Change Requests
          - Define Print Form for Change Requests
          - Change Request Archiving
          - Business Add-Ins

**Display View "Type of Change Request": Overview**

Dialog Structure

- Type of Change Request
  - Change Request Step
    - Enhancements and Checks per Change Request Step
    - Entity Types per Change Request Step
      - Attributes per Change Request Step
    - User Interface per Change Request Step

Type of Chg. Request	Description (medium text)
0G	Chart of Accounts (Object List Required)
AR01	Article Create
AR02	Article Change
AR0A	Article Mass Change
AR0B	Article Load DIF

**Change View "Change Request Step": Overview**

Dialog Structure

- Type of Change Request
  - Change Request Step
    - Enhancements and Checks per Change Request Step
    - Entity Types per Change Request Step
      - Attributes per Change Request Step
    - User Interface per Change Request Step

Type of Chg. Request: AR01

Step	Description (medium text)
00	Processing
80	Approver
90	Final Check
91	Activation
92	Revision
93	Validation
95	Revision Processing
99	Complete

**Change View "Enhancements and Checks per Change Request Step": Overview**

Dialog Structure: Type of Change Request, Change Request Step, Enhancements and Checks per Change Request Step, Entity Types per Change Request Step, Attributes per Change Request Step, User Interface per Change Request Step

Type of Chg. Request: AR01  
Chg. Req. Step: 00

Checks and Enrichment Spots	Sequence	Message Output	Relevant	Execution
Basic Check	0	Standard	<input checked="" type="checkbox"/>	Always executed
Authorization Check	0	Standard	<input checked="" type="checkbox"/>	Always executed
Duplicate Check	99	Standard	<input checked="" type="checkbox"/>	Executed when data cha
Validation Rules (BRF+)	0	Standard	<input checked="" type="checkbox"/>	Always executed
BAdI Validations	0	Standard	<input checked="" type="checkbox"/>	Always executed
Existence Check	0	Standard	<input checked="" type="checkbox"/>	Always executed
Reuse Area Check	0	Standard	<input checked="" type="checkbox"/>	Always executed
Validation Rules (Data Quality)	0	Standard	<input checked="" type="checkbox"/>	Always executed

**i Note**

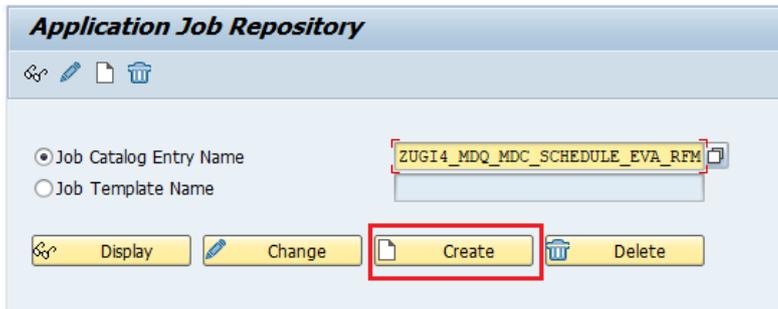
Just marking a rule in the MDQ Rule app as “enabled” for “Check in Change Requests” does not mean that rule will be executed in MDG change request.

### 3.3. BC-Set Activation for MDQ

1. Enter the transaction code SCPR20.
2. Enter the name of the BC Set /UGI4/MDQ\_RFM\_CONFIG\_1909.
3. Choose Bus.Conf. Set → Activate or the Activate pushbutton (if you face any issues the first time, then please try to activate again OR activate the 3 contained BC sets one by one)

### 3.4. Create Job Catalog Entry Name for MDQ Evaluation Schedule

1. Go to transaction SAPJ
2. Enter the Job Catalog Entry Name as “ZUGI4\_MDQ\_MDC\_SCHEDULE\_EVA\_RFM” as below and click on “Create” button



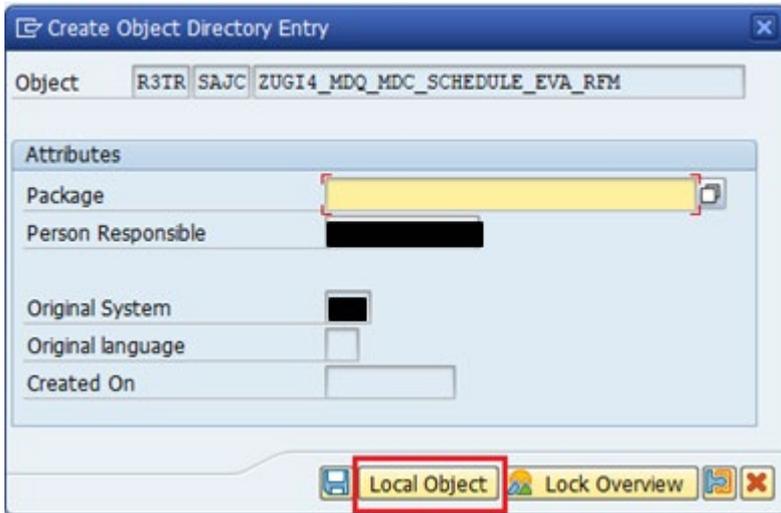
**Application Job Repository**

Job Catalog Entry Name:

Job Template Name:

Buttons: Display, Change, **Create**, Delete

3. Select the button “Local object” in the pop up

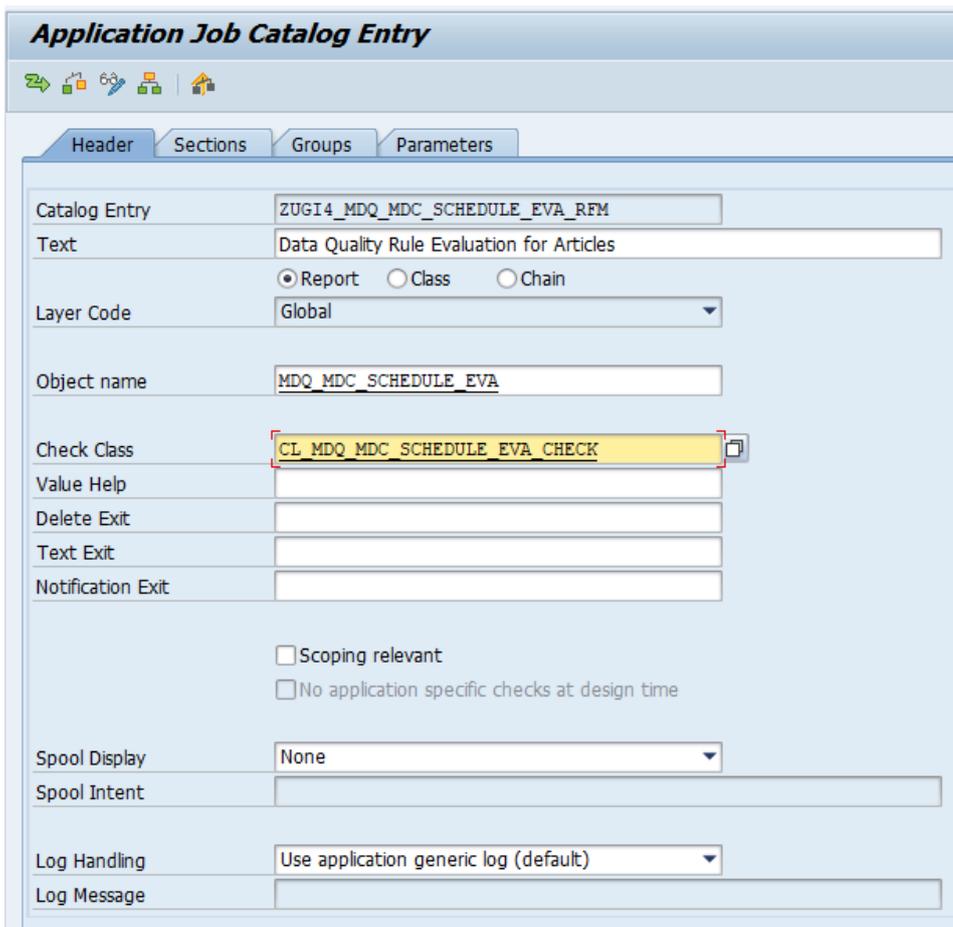


4. Enter the inputs as in the screen shot below:

Text - Data Quality Rule Evaluation for Articles

Object name - MDQ\_MDC\_SCHEDULE\_EVA

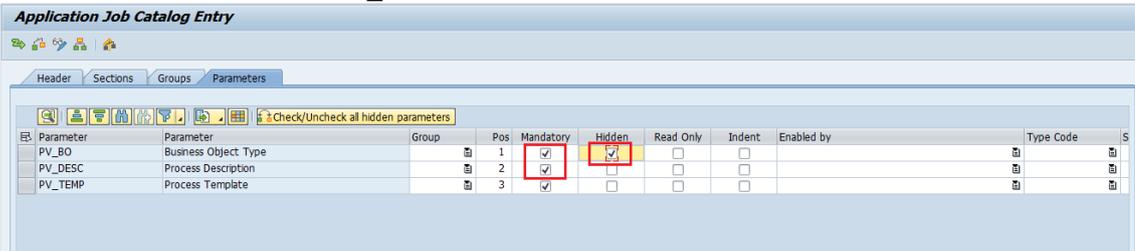
Check class - CL\_MDQ\_MDC\_SCHEDULE\_EVA\_CHECK



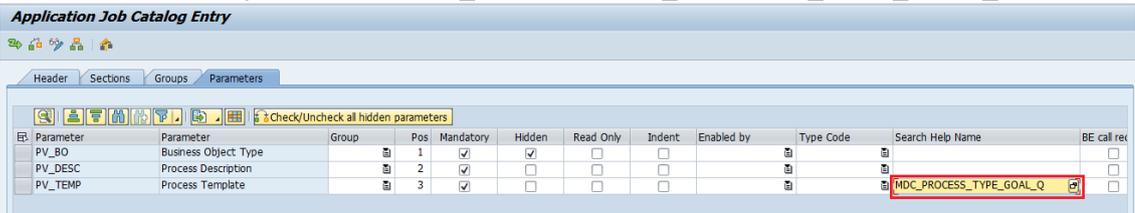
- Navigate to “Parameters” tab and click on “Synchronize Parameters” button



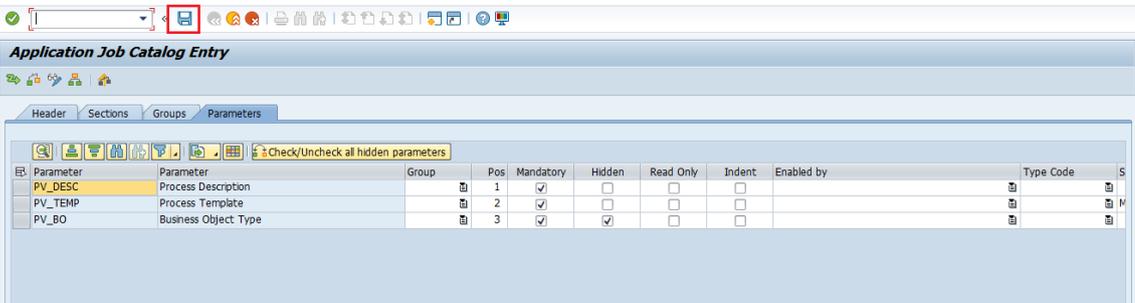
- Select the check boxes for column “Mandatory” for PV\_BO and PV\_DESC. Select the check box for column “Hidden” for PV\_BO as shown below



- Enter the Search help name for the PV\_TEMP as “MDC\_PROCESS\_TYPE\_GOAL\_Q”

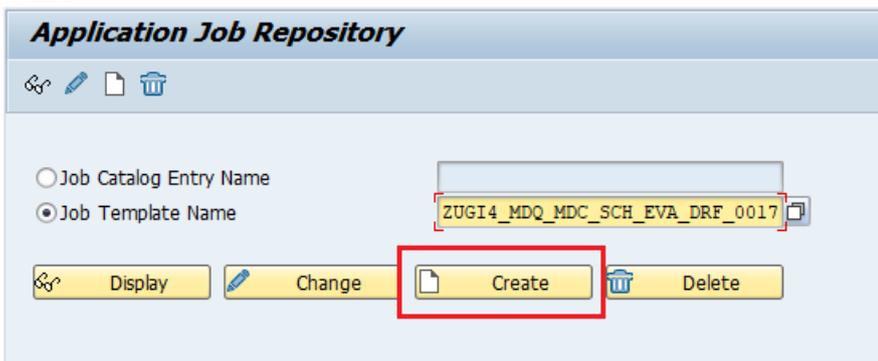


- Click on Save button.

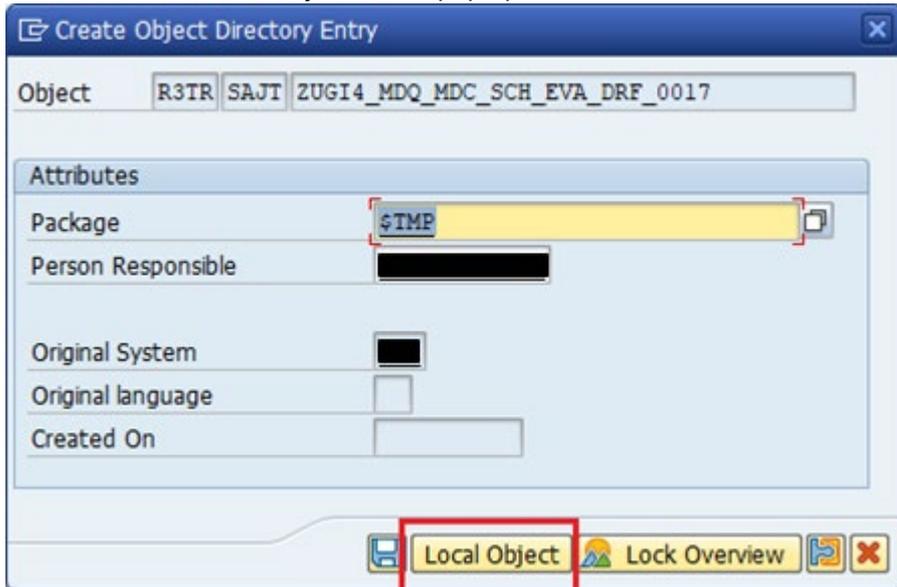


### 3.5. Create Job Template for MDQ Evaluation Schedule

- Go to transaction SAPJ
- Enter the Job Template name as “ZUGI4\_MDQ\_MDC\_SCH\_EVA\_DRF\_0017” and click on create



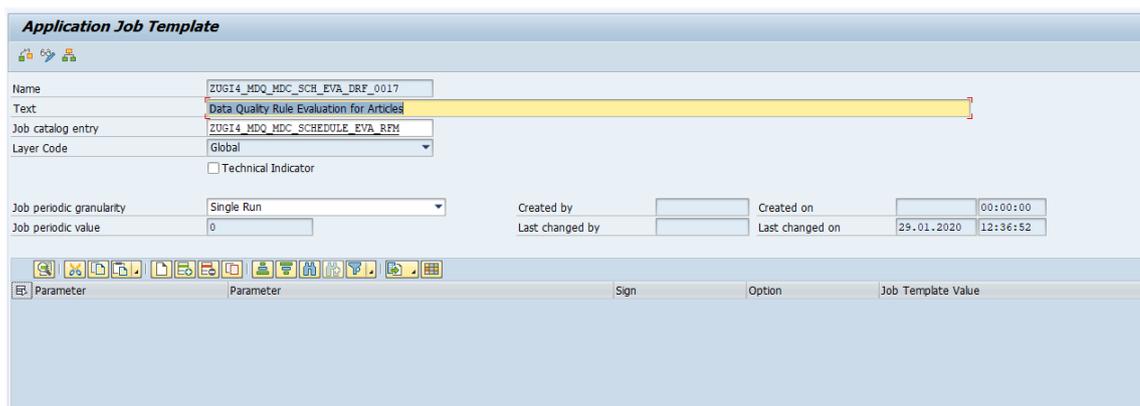
- Click on button “Local Object” in the pop up



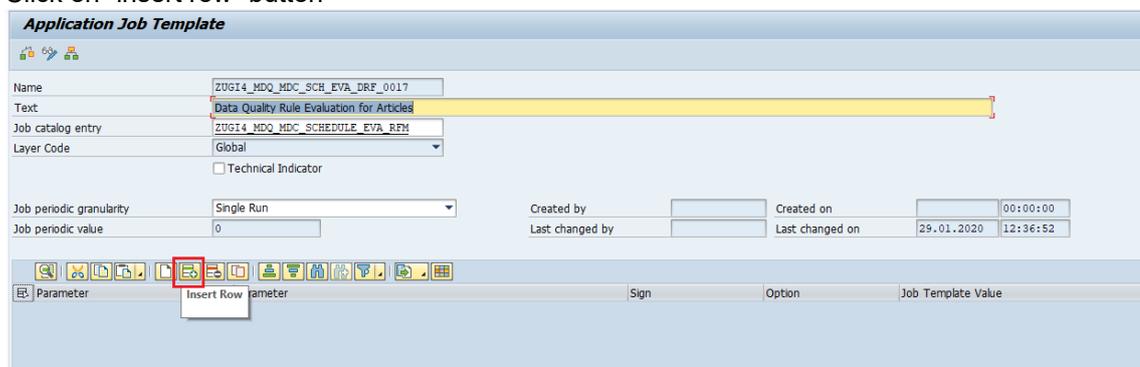
- Enter the data for Text, Job Catalog Entry as below and press enter key

Text – Data Quality Rule Evaluation for Articles

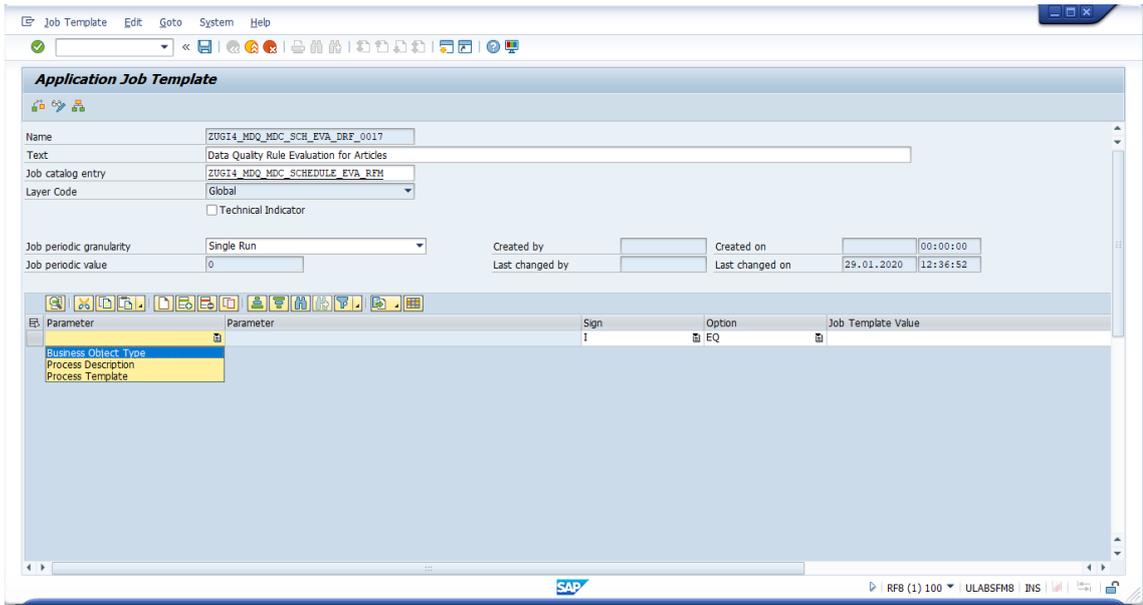
Job catalog entry – ZUGI4\_MDQ\_MDC\_SCHEDULE\_EVA\_RFM



- Click on “insert row” button



6. Select the parameter “Business Object Type” and enter the values

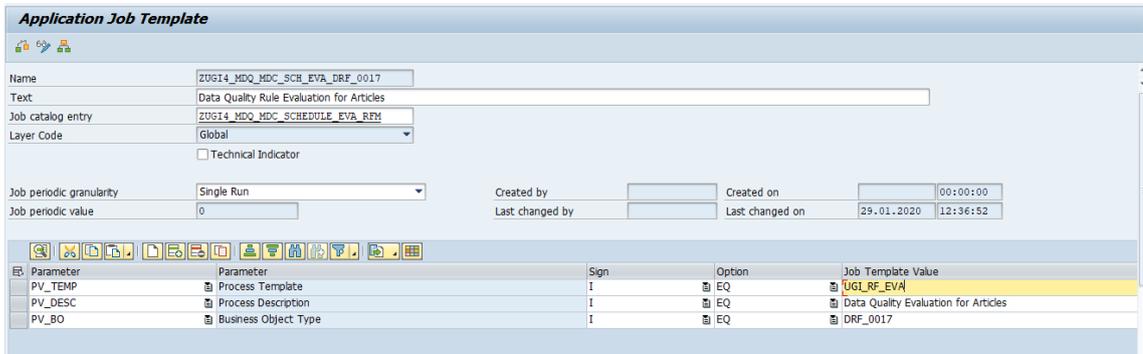


7. Click on insert rows for all 3 parameters and enter the job template values as below.

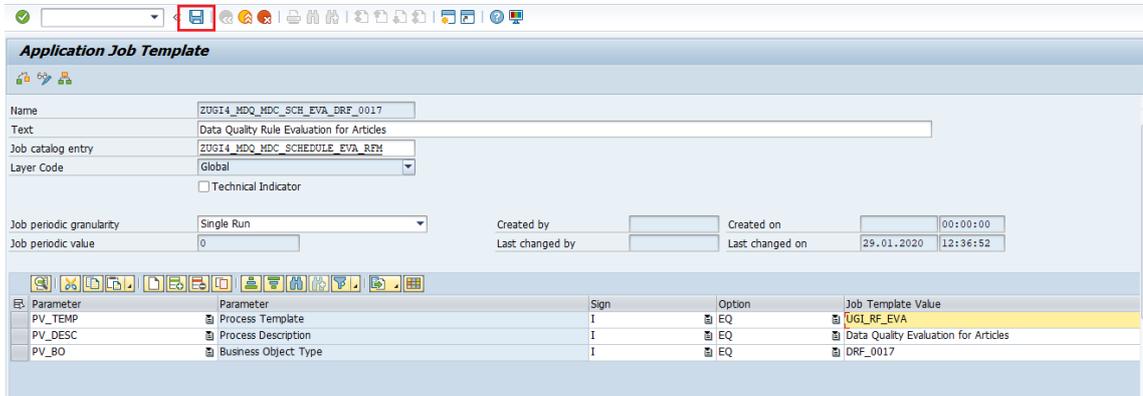
PV\_TEMP – UGI\_RF\_EVA

PV\_DESC – Data Quality Evaluation for Articles

PV\_BO – DRF\_0017



8. Click on “Save” button



## Appendix 1: Application Details of MDC

The following section list app-specific data required to configure each application.

[Import Data for Consolidation - Article](#)

[Manage Imports for Consolidation – Article](#)

[Create Consolidation Process – Article](#)

[Manage Consolidation Process – Article](#)

[Start Mass Processing – Article](#)

[Manage Mass Processing – Article](#)

[Configure Matching – Article](#)

[MDC Fiori App Launchpad](#)

[Additional Steps](#)

[Implementing Master Data Consolidation and Mass Processing apps for Article](#)

### Import Data for Consolidation - Article

This is a transactional application and you can upload file for consolidation using this. This application is easily accessible to a user who has partial knowledge of Master Data Consolidation (MDC).

### Key Features

The significant features for the application can be listed as following:

- Lean form for a user new to MDC (Import)
- Option to upload data for Consolidation.
- Option to download File Template.
- The F4 help in the form accepts manual entry and displays corresponding field description.
- Option to stop and check for validation while import.

### Technical Features

The technical features for the application can be listed as following:

Check for validation while importing file is supported.

Application enables you to upload documents.

#### Note

For security reasons, SAP recommends you to install the appropriate virus scanner in the respective Back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, refer [Virus Scanning](#).

### Product Features

A general business user having no master data knowledge or SAP MDC application knowledge can Import data for consolidation.

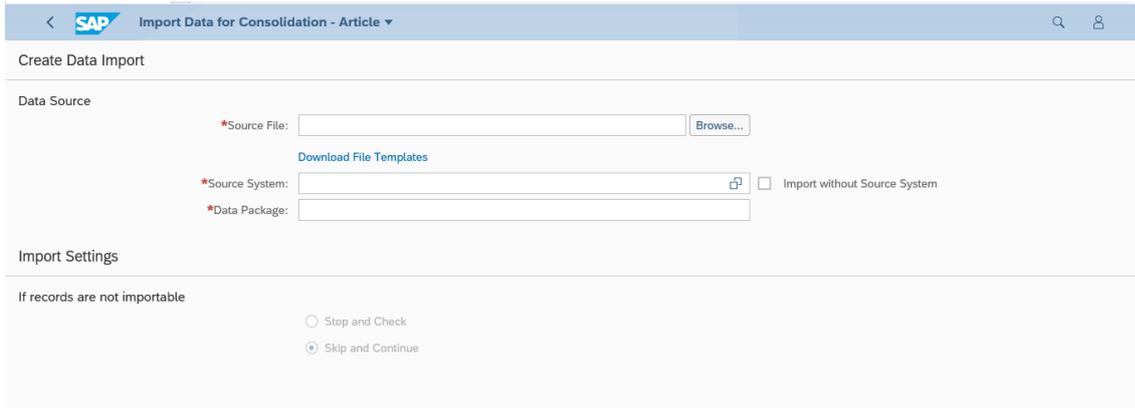


Figure 1: MDC Article Fiori App – Import Data for Consolidation

## Configuration Details

The following sections list app-specific data required to configure the application.

### SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the Front-end server:

Component	Technical Name
SAPUI5 Application	/UGIRUI02/MDC_IMPORT

### SAP Fiori Launchpad

You require the following data to enable users to access the app in the SAP Fiori MDC Launchpad.

## Technical Configuration

Component	Technical Name
Technical Catalog	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS
TECHNICAL_PFCG_ROLE	/UGIRUI02/BCR_MDC_RFM
Semantic Object	MasterData
Action	Import
OTC	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC_IMPORT

Catalog	Launchpad App	Description
Business Catalog (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	CMD - Consolidation and Mass Processing for Retail Article Master Data
Business Group (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	Consolidation and Mass Processing for Retail Article Master Data
PFCG role for Business Catalog	/UGIRUI02/BCR_MDC_RFM	Consolidation and Mass Processing for Retail Article Master Data

## OData Services

You must activate the following OData services on the Front-end server.

**i** Note

Users require PFCG authorization for the Front-end and Back-end systems.

OData Service	Version
MDC_IMPORT_SRV	001

## Implementation Tasks

The following tasks are performed to implement the required components of the application. The following tables contain the app-specific data required for these tasks.

### Front-end Server: Activate OData Services

The MDG MDC OData services would be available under ICF node: /DEFAULT\_HOST/SAP/OPU/ODATA/SAP/MDC\_IMPORT\_SRV

Component	Technical Name
OData Service (Version Number)	MDC_IMPORT_SRV

### Front-end Server: Activate SAP UI5 Application

The MDG MDC UI5 Application is available under ICF node: /sap/bc/ui5\_ui5/ugirui02/importdata

Component	Technical Name
SAP UI5 Application	/UGIRUI02/IMPORTDATA

## Manage Imports for Consolidation - Article

This is a transactional application and you can manage imports for consolidation using this. This application is easily accessible to a user who has partial knowledge of Master Data Consolidation (MDC).

### Key Features

The significant features for the application can be listed as following:

- Manage imports for a user new to MDC for Article object.
- Check status of import and number of records for each import.
- Option to add or delete imports containing data.
- Option to search or filter imports as required.

### Technical Features

The technical features for the application can be listed as following:

Manage imports for consolidation and mass processing is supported.

The application enables you to import or delete records.

**i** Note

For security reasons, SAP recommends you to install the appropriate virus scanner in the respective Back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, refer [Virus Scanning](#).

## Product Features

A general business user having no master data knowledge or SAP MDC application knowledge can manage Article records.

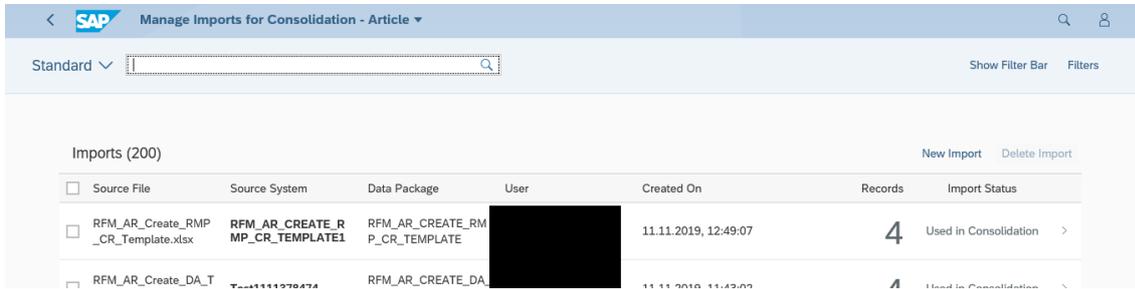


Figure 2: MDC Article Fiori App – Manage Imports for Consolidation

## Configuration Details

The following sections list app-specific data required to configure the application.

### SAP Fiori Launchpad

You require the following data to enable users to access the app in the SAP Fiori MDC Launchpad.

## Technical Configuration

Component	Technical Name
<b>Technical Catalog</b>	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS
<b>TECHNICAL_PFCG_ROLE</b>	/UGIRUI02/BCR_MDC_RFM
<b>Semantic Object</b>	MasterData
<b>Action</b>	Import
<b>OTC</b>	DRF_0017
<b>SAPUI5 Application</b>	/UGIRUI02/MDC_IMPORT

Catalog	Launchpad App	Description
<b>Business Catalog (Launchpad)</b>	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	CMD - Consolidation and Mass Processing for Retail Article Master Data
<b>Business Group (Launchpad)</b>	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	Consolidation and Mass Processing for Retail Article Master Data
<b>PFCG role for Business Catalog</b>	/UGIRUI02/BCR_MDC_RFM	Consolidation and Mass Processing for Retail Article Master Data

## OData Services

You must activate the following OData services on the Front-end server.

**i** Note

Users require PFCG authorization for the Front-end and Back-end systems.

OData Service	Version
MDC_IMPORT_SRV	001

## Implementation Tasks

The following tasks are performed to implement the required components of the application. The following tables contain the app-specific data required for these tasks.

### Front-end Server: Activate OData Services

The MDG MDC OData services would be available under ICF node: /DEFAULT\_HOST/SAP/OPU/ODATA/SAP/MDC\_IMPORT\_SRV

Component	Technical Name
OData Service (Version Number)	MDC_IMPORT_SRV

### Front-end Server: Activate SAP UI5 Application

The MDG MDC UI5 Application is available under ICF node: /sap/bc/ui5\_ui5/ugirui02/importdata

Component	Technical Name
SAP UI5 Application	/UGIRUI02/IMPORTDATA

## Create Consolidation Process - Article

This application is used for creating consolidation process for new article records. This application is easily accessible to a user who has partial knowledge of Master Data Consolidation (MDC).

### Key Features

The significant features for the application can be listed as following:

- Lean create consolidation process form for a user new to MDC (Article).
- Option to delete or keep source data.
- The F4 help in the form accepts manual entry and displays corresponding field description.

### Technical Features

The technical features for the application can be listed as following:

- Consolidation create process with template and data sources are supported.

### Product Features

A general business user with no master data knowledge or SAP MDC application knowledge can create consolidation process for article.

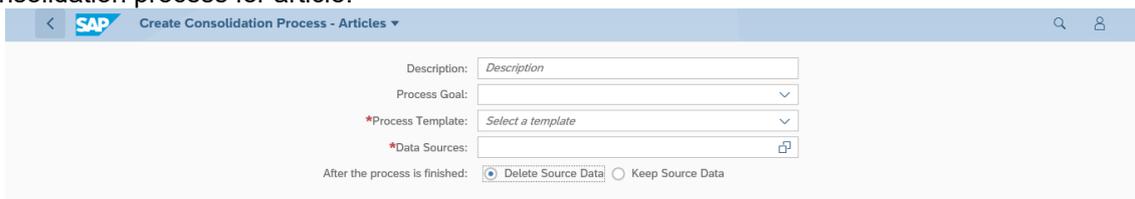


Figure 3: MDC Article Fiori App – Create Consolidation Process

## Configuration Details

The following sections list app-specific data required to configure the application:

### SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the Front-end server:

Component	Technical Name
SAPUI5 Application	/UGIRUI02/MDC_PROCESS_EXT

### SAP Fiori Launchpad

You require the following data to enable users to access the app in the SAP Fiori MDC Launchpad.

## Technical Configuration

Component	Technical Name
Technical Catalog	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS
TECHNICAL_PFCG_ROLE	/UGIRUI02/BCR_MDC_RFM
Semantic Object	MasterData
Action	consolidate
OTC	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC_PROCESS_EXT

Catalog	Launchpad App	Description
Business Catalog (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	CMD - Consolidation and Mass Processing for Retail Article Master Data
Business Group (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	Consolidation and Mass Processing for Retail Article Master Data
PFCG role for Business Catalog	/UGIRUI02/BCR_MDC_RFM	Consolidation and Mass Processing for Retail Article Master Data

## OData Services

You must activate the following OData services on the Front-end server.

**i** Note

Users require PFCG authorization for the Front-end and Back-end systems.

OData Service	Version
/UGI4/MDC_PROCESS_SRV__DRF_0017	001

## Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

### Front-end Server: Activate OData Services

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/opu/odata/ugi4/mdc\_process\_srv\_\_drf\_0017.

Component	Technical Name
<b>OData Service (Version Number)</b>	/UGI4/MDC_PROCESS_SRV__DRF_0017 (001)

### Front-end Server: Activate SAP UI5 Application

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/bc/ui5\_ui5/ugirui02/mdc\_process\_ext

Component	Technical Name
<b>SAP UI5 Application</b>	/UGIRUI02/MDC_PROCESS_EXT

## Manage Consolidation Process - Article

This is a transactional application used to manage processes for consolidation. This application is easily accessible to a user who has partial knowledge of Master Data Consolidation (MDC).

### Key Features

The significant features for the application can be listed as following:

- Process table for a user new to MDC (RFM).
- Option to create or delete process.
- On navigation, users can check for validations, activations or replications.
- Rollback or deletion of any process is supported.

### Technical Features

The technical features for the application can be listed as following:

- Filter or search of process is supported.
- Creation or deletion of process is supported.

### Product Features

A general business user with no master data knowledge or SAP MDC application knowledge can manage process and activate it.

Process	Data Source	User	Creation Date	Status	Process Goal	Records
<input type="checkbox"/> RFM_AR_CREATE_RMP_CR_TEMPLATE Process ID: 418	RFM_AR_CREATE...	[REDACTED]	11 Nov	Completed	Consolidation of Source Records	4 >
<input type="checkbox"/> RFM_AR_Create_DA_Template.xlsx Process ID: 416	Test298327983	[REDACTED]	11 Nov	Saved (Not Started)	Consolidation of Source Records	4 >
<input type="checkbox"/> RFM_AR_Create_DA_Template.xlsx Process ID: 415	Test1111234478	[REDACTED]	11 Nov	In Process (Validation)	Consolidation of Source Records	4 >
<input type="checkbox"/> RFM_AR_Create_DA_Template.xlsx Process ID: 414	Testintheer83273	[REDACTED]	11 Nov	In Process (Validation)	Consolidation of Source Records	4 >
<input type="checkbox"/> RFM_AR_Create_DA_Template.xlsx Process ID: 413	Test23987283	[REDACTED]	11 Nov	Stopped for Review (Validation)	Consolidation of Source Records	4 >
<input type="checkbox"/> RFM_AR_Create_DA_Template.xlsx Process ID: 412	Test5657578	[REDACTED]	11 Nov	Stopped for Review (Validation)	Consolidation of Source Records	4 >
<input type="checkbox"/> RFM_AR_Create_DA_Template.xlsx Process ID: 411	Test2738333332	[REDACTED]	11 Nov	Stopped for Review (Validation (2))	Consolidation of Source Records	4 >

Figure 4: MDC Article Fiori App – Consolidation Process

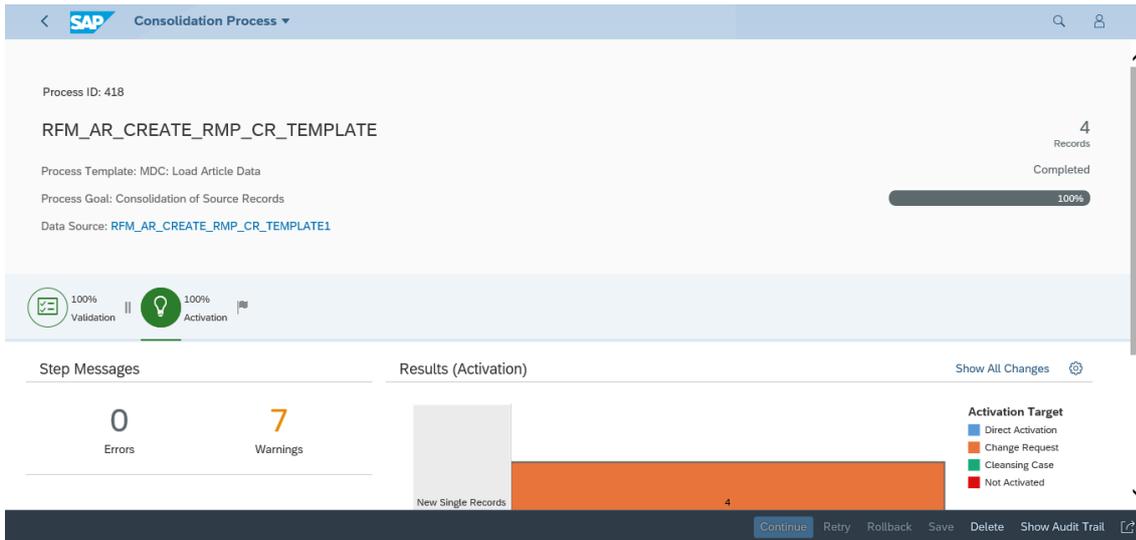


Figure 5: MDC Article Fiori App – Consolidation Process

## Configuration Details

The following sections list app-specific data required to configure the app:

### SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server:

Component	Technical Name
SAPUI5 Application	/UGIRUI02/MDC_PROCESS_EXT

### SAP Fiori Launchpad

You require the following data to enable users to access to the app in the SAP Fiori FMS Launchpad.

## Technical Configuration

Component	Technical Name
Technical Catalog	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS
TECHNICAL_PFCG_ROLE	/UGIRUI02/BCR_MDC_RFM
Semantic Object	MasterData
Action	Consolidate
OTC	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC_PROCESS_EXT

Catalog	Launchpad App	Description
Business Catalog (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	CMD - Consolidation and Mass Processing for Retail Article Master Data
Business Group (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	Consolidation and Mass Processing for Retail Article Master Data
PFCG role for Business Catalog	/UGIRUI02/BCR_MDC_RFM	Consolidation and Mass Processing for Retail Article Master Data

## OData Services

You must activate the following OData services on the Front-end server.

**i** Note

Users require PFCG authorization for the Front-end and Back-end systems.

OData Service	Version
/UGI4/MDC_PROCESS_SRV__DRF_0017	001

## Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

### Front-end Server: Activate OData Services

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/opu/odata/ugi4/mdc\_process\_srv\_\_drf\_0017

Component	Technical Name
OData Service (Version Number)	/UGI4/MDC_PROCESS_SRV__DRF_0017 (001)

### Front-end Server: Activate SAP UI5 Application

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/bc/ui5\_ui5/ugirui02/mdc\_process\_ext

Component	Technical Name
SAP UI5 Application	/UGIRUI02/MDC_PROCESS_EXT

## Start Mass Processing - Article

This is a transactional application used to start mass processing for consolidation. This application is easily accessible to a user who has partial knowledge of Master Data Consolidation (MDC).

### Key Features

The significant features for the application can be listed as following:

- Option to import data to start mass processing.
- Displays configuration and other details to process.
- Option to save or delete process.

### Technical Features

The technical features for the application can be listed as following:

- The app enables you to adjust configuration for mass processing.
- Application enables you to upload documents.

**i** Note

- For security reasons, SAP recommends you to install the appropriate virus scanner in the respective Back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, refer [Virus Scanning](#).

## Product Features

A general business user with no master data knowledge or SAP MDC application knowledge can use this application to start mass processing.

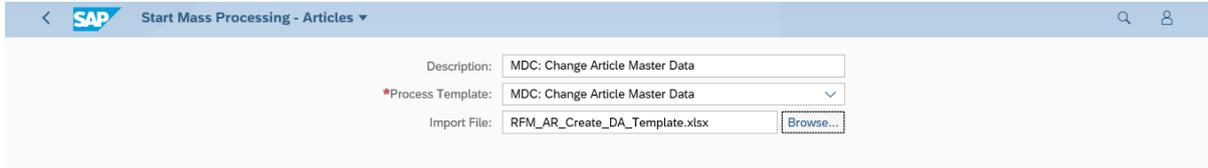


Figure 6: MDC Article Fiori App – Start Mass Processing

## Configuration Details

The following sections list app-specific data required to configure the app:

### SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the Front-end server:

Component	Technical Name
SAPUI5 Application	/UGIRUI02/MDC_PROCESS_EXT

### SAP Fiori Launchpad

You require the following data to give users access to the app in the SAP Fiori MDC Launchpad.

## Technical Configuration

Component	Technical Name
Technical Catalog	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS
TECHNICAL_PFCG_ROLE	/UGIRUI02/BCR_MDC_RFM
Semantic Object	MasterData
Action	change
OTC	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC_PROCESS_EXT

Catalog	Launchpad App	Description
Business Catalog (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	CMD - Consolidation and Mass Processing for Retail Article Master Data
Business Group (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MASS	Mass Processing for Retail Article Master Data
PFCG role for Business Catalog	/UGIRUI02/BCR_MDC_RFM	Consolidation and Mass Processing for Retail Article Master Data

## OData Services

You must activate the following OData services on the Front-end server.

**i** Note

Users require PFCG authorization for the Front-end and Back-end systems.

OData Service	Version
/UGI4/MDC_PROCESS_SRV__DRF_0017	001

## Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

### Front-end Server: Activate OData Services

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/opu/odata/ugi4/mdc\_process\_srv\_\_drf\_0017

Component	Technical Name
OData Service (Version Number)	/UGI4/MDC_PROCESS_SRV__DRF_0017 (001)

### Front-end Server: Activate SAP UI5 Application

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/bc/ui5\_ui5/ugirui02/mdc\_process\_ext

Component	Technical Name
SAP UI5 Application	/UGIRUI02/MDC_PROCESS_EXT

## Manage Mass Processes - Article

This is a transactional application used to manage mass processing for consolidation. This application is easily accessible to a user who has partial knowledge of Master Data Consolidation (MDC).

### Key Features

The significant features for the application can be listed as following:

- Option to create or delete process
- Displays list of process with status and number of records
- Displays success, warning or error in graphical notation

### Technical Features

The technical features for the application can be listed as following:

- Enables you to filter records as per need.
- Enables you to rollback or delete process if required.

### Product Features

A general business user having no master data knowledge or SAP MDC application knowledge can manage processes for RFM.

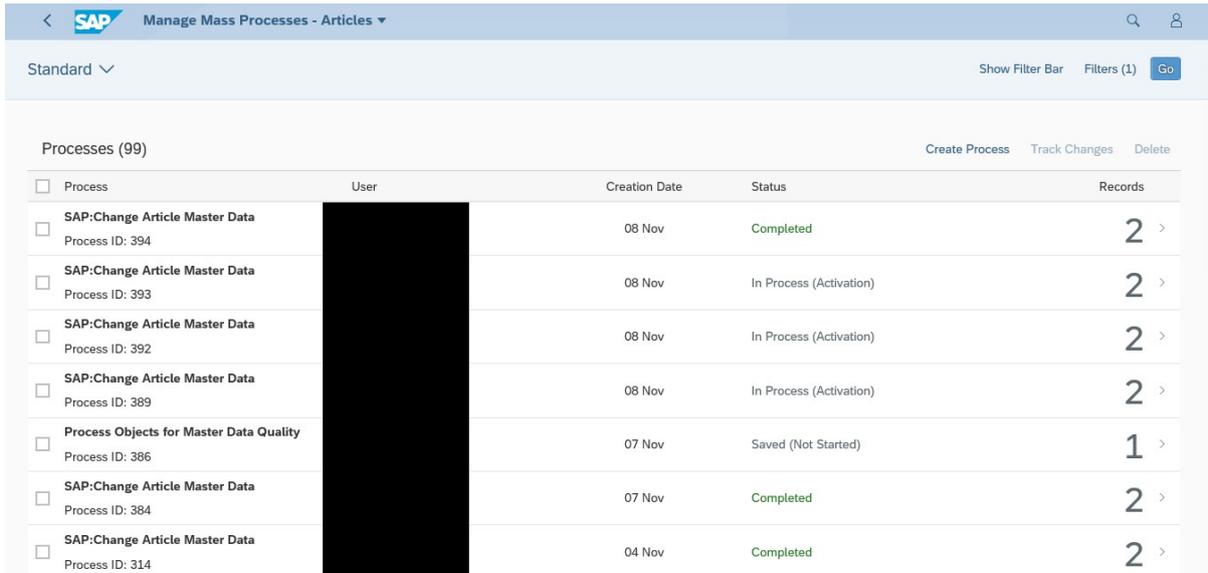


Figure 8: MDC Article Fiori App – Manage Mass Processes

## Configuration Details

The following sections list app-specific data required to configure the app:

### SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the Front-end server:

Component	Technical Name
SAPUI5 Application	/UGIRUI02/MDC_PROCESS_EXT

### SAP Fiori Launchpad

You require the following data to enable users to access the app in the SAP Fiori FMS Launchpad.

## Technical Configuration

Component	Technical Name
Technical Catalog	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS
TECHNICAL_PFCG_ROLE	/UGIRUI02/BCR_MDC_RFM
Semantic Object	MasterData
Action	change
OTC	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC_PROCESS_EXT

Catalog	Launchpad App	Description
Business Catalog (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	CMD - Consolidation and Mass Processing for Retail Article Master Data
Business Group (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MASS	Mass Processing for Retail Article Master Data
PFCG role for Business Catalog	/UGIRUI02/BCR_MDC_RFM	Consolidation and Mass Processing for Retail Article Master Data

## OData Services

You must activate the following OData services on the Front-end server.

**i** Note

Users require PFCG authorization for the Front-end and Back-end systems.

OData Service	Version
/UGI4/MDC_PROCESS_SRV__DRF_0017	001

## Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

### Front-end Server: Activate OData Services

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/opu/odata/ugi4/mdc\_process\_srv\_\_drf\_0017

Component	Technical Name
OData Service (Version Number)	/UGI4/MDC_PROCESS_SRV__DRF_0017 (001)

### Front-end Server: Activate SAP UI5 Application

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/bc/ui5\_ui5/ugirui02/mdc\_process\_ext

Component	Technical Name
SAP UI5 Application	/UGIRUI02/MDC_PROCESS_EXT

## Export Master Data - Article

This application can be used to export the master data from the existing database and download in the excel format based on the selection criteria provided. This application is easily accessible to a user who has partial knowledge of Master Data Consolidation (MDC).

## Key Features

The significant features for the application can be listed as following:

- Define Scope of selection to export the master data in the XML format
- Provide the “Include” and “Exclude” criteria.

## Technical Features

The technical features for the application can be listed as following:

Application enables you to download the files used for further processing.

**i** Note

For security reasons, SAP recommends you to install the appropriate virus scanner in the respective Back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, refer [Virus Scanning](#).

## Product Features

A general business user having no master data knowledge or SAP MDC application knowledge can download the files and use the same for further processing.

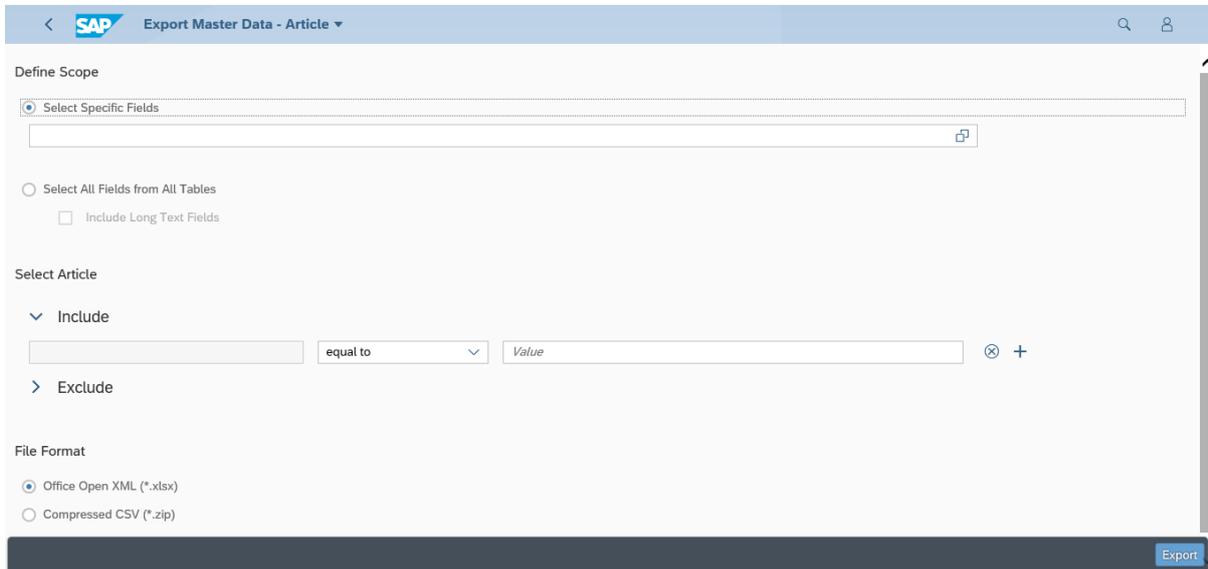


Figure 9: Fiori application for Export Master Data – Article

## SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the Front-end server:

Component	Technical Name
SAPUI5 Application	/UGIRUI02/MDC_RFM_EXPORT

## SAP Fiori Launchpad

You require the following data to enable users to access the app in the SAP Fiori MDC Launchpad.

## Technical Configuration

Component	Technical Name
Technical Catalog	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS
TECHNICAL_PFCG_ROLE	/UGIRUI02/BCR_MDC_RFM
Semantic Object	MasterData
Action	export
OTC	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC_RFM_EXPORT

Catalog	Launchpad App	Description
Business Catalog (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	CMD - Consolidation and Mass Processing for Retail Article Master Data
Business Group (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MASS	Mass Processing for Retail Article Master Data

<b>PFCG role for Business Catalog</b>	/UGIRUI02/BCR_MDC_RFM	Consolidation and Mass Processing for Retail Article Master Data
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## OData Services

You must activate the following OData services on the Front-end server.

**i** Note

Users require PFCG authorization for the Front-end and Back-end systems.

OData Service	Version
/UGI4/MDC_EXPORT_SRV__DRF_0017	001

## Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

### Front-end Server: Activate OData Services

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/opu/odata/ugi4/MDC\_EXPORT\_SRV\_\_DRF\_0017

Component	Technical Name
<b>OData Service (Version Number)</b>	/UGI4/MDC_EXPORT_SRV__DRF_0017 (001)

### Front-end Server: Activate SAP UI5 Application

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/bc/ui5\_ui5/ugirui02/mdc\_rfm\_export

Component	Technical Name
<b>SAP UI5 Application</b>	/UGIRUI02/MDC_RFM_EXPORT

## Track Mass Changes – Article

This Fiori application can be used to view finalized change processes consisting of changed records using mass processing and also to track the changes done as part of each process.

## Key Features

The significant features for the application can be listed as following:

- View the finalized change processes used for mass processing of data
- Track the changes done on each record which are part of change process.

## Technical Features

The technical features for the application can be listed as following:

To track the finalized change processing used for mass processing of data.  
View changes done on each record.

**i** Note

For security reasons, SAP recommends you to install the appropriate virus scanner in the respective Back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, refer [Virus Scanning](#).

## Product Features

A general business user having no master data knowledge or SAP MDC application knowledge can Import data for consolidation.

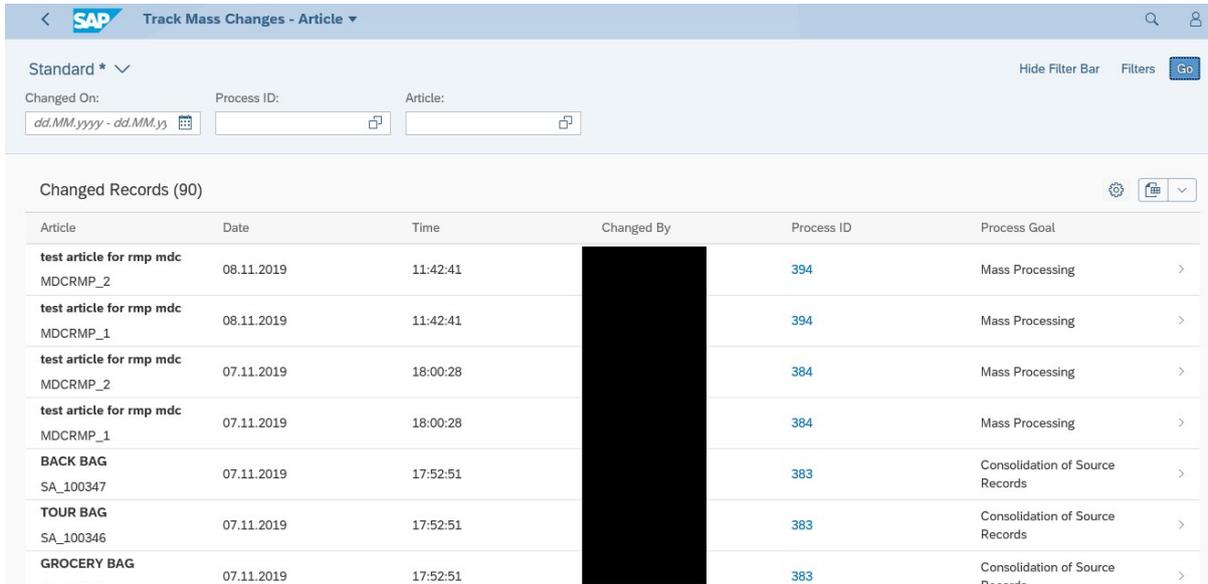


Figure 10: Fiori application for Track Mass Changes – Article

## Configuration Details

The following sections list app-specific data required to configure the application.

### SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the Front-end server:

Component	Technical Name
SAPUI5 Application	/UGIRUI02/MDC_TRACK_CHG

### SAP Fiori Launchpad

You require the following data to enable users to access the app in the SAP Fiori MDC Launchpad.

## Technical Configuration

Component	Technical Name
Technical Catalog	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS
TECHNICAL_PFCG_ROLE	/UGIRUI02/BCR_MDC_RFM
Semantic Object	MasterData
Action	trackChanges
OTC	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC_TRACK_CHG

Catalog	Launchpad App	Description
<b>Business Catalog (Launchpad)</b>	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	CMD - Consolidation and Mass Processing for Retail Article Master Data
<b>Business Group (Launchpad)</b>	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	Consolidation and Mass Processing for Retail Article Master Data
<b>Business Group (Launchpad)</b>	/UGIRUI02/SAP_CMD_BC_AR_MASS	Mass Processing for Retail Article Master Data
<b>Business Group (Launchpad)</b>	/UGIRUI02/SAP_CMD_BC_AR_MASS_maint	Mass Maintenance for Retail Article Master Data
<b>PFCG role for Business Catalog</b>	/UGIRUI02/BCR_MDC_RFM	Consolidation and Mass Processing for Retail Article Master Data

## OData Services

You must activate the following OData services on the Front-end server.

**i** Note

Users require PFCG authorization for the Front-end and Back-end systems.

OData Service	Version
/UGI4/MDC_TRACK_CHG_SRV__DRF_0017	001

## Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

### Front-end Server: Activate OData Services

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/opu/odata/ugi4/MDC\_TRACK\_CHG\_SRV\_\_DRF\_0017

Component	Technical Name
<b>OData Service (Version Number)</b>	/UGI4/MDC_TRACK_CHG_SRV__DRF_0017 (001)

### Front-end Server: Activate SAP UI5 Application

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/bc/ui5\_ui5/ugirui02/mdc\_track\_chg

Component	Technical Name
<b>SAP UI5 Application</b>	/UGIRUI02/MDC_TRACK_CHG

## Manage Source Data – Article

This Fiori application is used to view the source system/data packages which can be further imported to use in “Import Data for Consolidation” application.

## Key Features

The significant features for the application can be listed as following:

- Viewing the source records and the data packages which are to be used in the Import.
- Delete the imported data packages which are obsolete and not intended for future use.

## Technical Features

The technical features for the application can be listed as following:

- To view the source records and the data packages which can be used in the “Import data for Consolidation” application.
- Delete the imported data packages which are obsolete and not intended for future use.

### Note

For security reasons, SAP recommends you to install the appropriate virus scanner in the respective Back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, refer [Virus Scanning](#).

## Product Features

A general business user having no master data knowledge or SAP MDC application knowledge can Import data for consolidation.

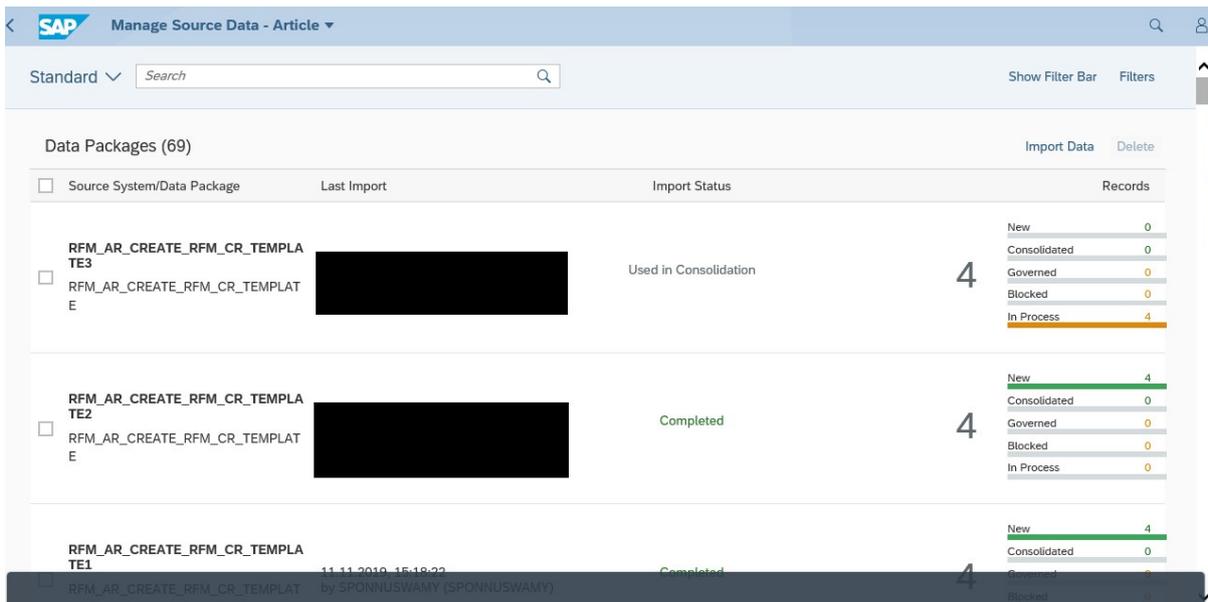


Figure 11: Manage Source Data – Article Fiori application

## Configuration Details

The following sections list app-specific data required to configure the application.

### SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the Front-end server:

OData Service	Version
MDC_MANAGE_SOURCE_DATA_SRV	001

## SAP Fiori Launchpad

You require the following data to enable users to access the app in the SAP Fiori MDC Launchpad.

### Technical Configuration

Component	Technical Name
Technical Catalog	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS
TECHNICAL_PFCG_ROLE	/UGIRUI02/BCR_MDC_RFM
Semantic Object	MasterData
Action	manageSourceData
OTC	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC_MANAGE_SRC

Catalog	Launchpad App	Description
Business Catalog (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	CMD - Consolidation and Mass Processing for Retail Article Master Data
Business Group (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	Consolidation and Mass Processing for Retail Article Master Data
PFCG role for Business Catalog	/UGIRUI02/BCR_MDC_RFM	Consolidation and Mass Processing for Retail Article Master Data

### OData Services

You must activate the following OData services on the Front-end server.

**i** Note

Users require PFCG authorization for the Front-end and Back-end systems.

OData Service	Version
MDC_MANAGE_SOURCE_DATA_SRV	001

### Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

#### Front-end Server: Activate OData Services

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/opu/odata/sap/MDC\_MANAGE\_SOURCE\_DATA\_SRV

Component	Technical Name
OData Service (Version Number)	MDC_MANAGE_SOURCE_DATA_SRV (001)

#### Front-end Server: Activate SAP UI5 Application

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/bc/ui5\_ui5/ugirui02/mdc\_manage\_src

Component	Technical Name
SAP UI5 Application	/UGIRUI02/MDC_MANAGE_SRC

## Configure Matching – Article

This Fiori application is used to configure the matching configurations which will be used in the matching step during consolidation process

### Key Features

The significant features for the application can be listed as following:

- Create and manage match configurations with matching rulesets for fields

### Technical Features

The technical features for the application can be listed as following:

- Create and edit match configurations for the business object type DRF\_0017 with approval scores

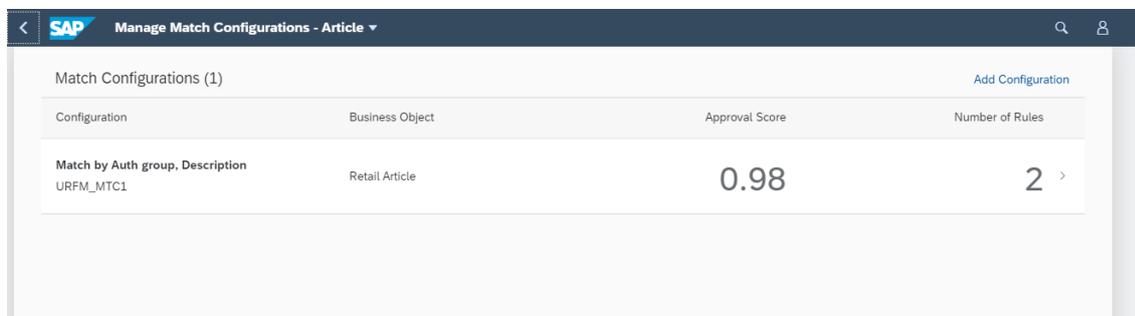
#### Note

For security reasons, SAP recommends you to install the appropriate virus scanner in the respective Back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, refer [Virus Scanning](#).

### Product Features

A general business user having master data knowledge can create match configurations for consolidation.



Configuration	Business Object	Approval Score	Number of Rules
Match by Auth group, Description URFM_MTC1	Retail Article	0.98	2 >

Figure 11: Configure Matching – Article Fiori application

### Configuration Details

The following sections list app-specific data required to configure the application.

#### SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the Front-end server:

OData Service	Version
/UGI4/MDC_CUSTMIZING	001

#### SAP Fiori Launchpad

You require the following data to enable users to access the app in the SAP Fiori MDC Launchpad.

## Technical Configuration

Component	Technical Name
Technical Catalog	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS
TECHNICAL_PFCG_ROLE	/UGIRUI02/BCR_MDC_RFM
Semantic Object	MasterData
Action	configureFuzzy
OTC	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC_RFM_CUST

Catalog	Launchpad App	Description
Business Catalog (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	CMD - Consolidation and Mass Processing for Retail Article Master Data
Business Group (Launchpad)	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS	Consolidation and Mass Processing for Retail Article Master Data
PFCG role for Business Catalog	/UGIRUI02/BCR_MDC_RFM	Consolidation and Mass Processing for Retail Article Master Data

## OData Services

You must activate the following OData services on the Front-end server.

**i** Note

Users require PFCG authorization for the Front-end and Back-end systems.

OData Service	Version
/UGI4/MDC_CUSTMIZING	001

## Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

### Front-end Server: Activate OData Services

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/opu/odata/ugi4/MDC\_CUSTMIZING

Component	Technical Name
OData Service (Version Number)	/UGI4/MDC_CUSTMIZING (001)

### Front-end Server: Activate SAP UI5 Application

The MDG MDC UI5 Application is available under ICF node:  
/default\_host/sap/bc/ui5\_ui5/ugirui02/mdc\_rfm\_cust

Component	Technical Name
SAP UI5 Application	/UGIRUI02/MDC_RFM_CUST

## MDC Fiori App Launchpad

MDC Fiori App Launchpad consists of 3 main objects. They are the Consolidation for Article Data, Mass Processing for Article Data, Mass Maintenance for Article Data. The objects are further subdivided into multiple objects.

The following screen displays the MDC Fiori App Launchpad:

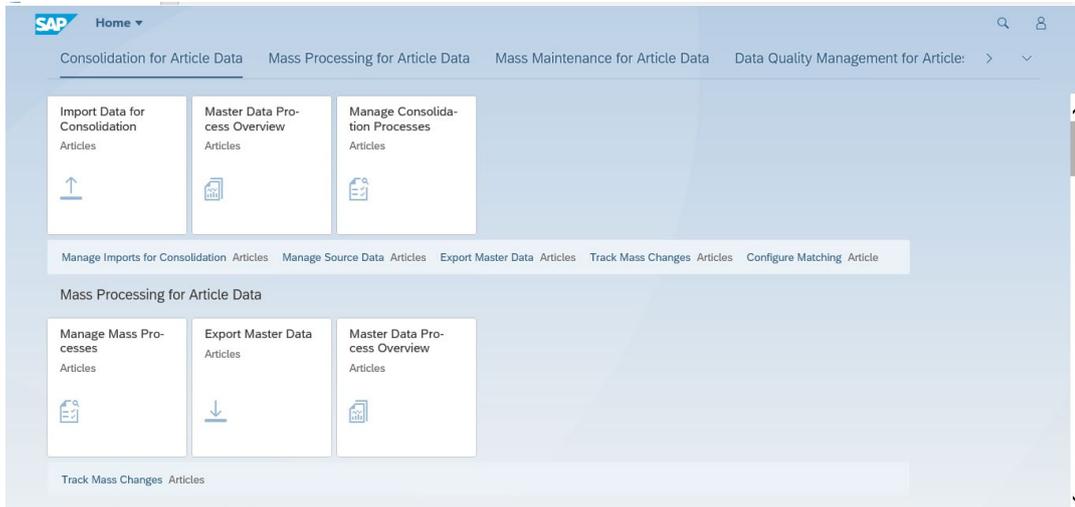


Figure 24: MDC Fiori App – Launchpad

## Additional Steps

You can also execute the following steps:

1. Enable App for Access in SAP Fiori Launchpad
2. Defining the access of single users to this app in the SAP Fiori Launchpad
3. Delivering the technical content such as catalogs and example roles.

## Front-end Server and Back-end Server

Assigning OData Service Authorizations to Users. You must assign OData service authorizations for the app to your users.

## Implementing Master Data Consolidation and Mass Processing Apps for RFM Objects

The SAP Fiori MDC Consolidation and Mass Processing apps for RFM Objects are to help a user with less expertise in master data handling but can create a new organization for areas such as customer and supplier. Such users with limited information can easily send a request to the master data expert.

The following SAP Fiori applications are delivered out-of-the-box for the Master Data Consolidation and Mass Processing for RFM scenario:

- [Import Data for Consolidation - Article](#)
- [Manage Imports for Consolidation – Article](#)
- [Create Consolidation Process – Article](#)
- [Manage Consolidation Process - Article](#)
- [Start Mass Processing – Article](#)

- [Manage Mass Processing – Article](#)
- [Configure Matching - Article](#)

## Appendix 2: Glossary and Abbreviations for MDC

This section describes the important terms and abbreviations used in this document.

Term / Abbreviation	Description
<b>DB</b>	Database
<b>MDC</b>	Master Data Consolidation and Mass Processing
<b>MDQ</b>	Master Data Quality
<b>GW</b>	Gateway
<b>ICF</b>	Internet Communication Framework
<b>IDoc</b>	Intermediate Document
<b>MRO</b>	Maintenance, Repair, and Overhaul
<b>NW</b>	NetWeaver
<b>OData</b>	Open Data Protocol
<b>t-code</b>	SAP Transaction Code
<b>UI</b>	User Interface