



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

Release RFM 1909



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Approval History

Version	Date	Description	Name
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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

i _{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)



1 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.

1 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 Vie	w "Event Type	Linkages": Details				
6 New Entries	🗈 🗟 🕫 🔓 🕼	£				
Object Category	BO BOR Object Type	•				
Object Type	BUS2240					
Event	STARTED					
Receiver Type						
Linkage Setting (E	vent Receiver)					
Receiver Call		Function Module	•			
Receiver Function Module		SWW_WI_CREATE_VIA_EVENT_IBF				
Check Function Mo	odule					
Receiver Type Fun	ction Module	MDC_RECEIVER_TYPE_GET				
Destination of Rec	eiver					
Event delivery		Using tRFC (Default)	▼			
Linkage Activat	✓ Linkage Activated					
Enable Event C	Queue					
Behavior Upon Erro	or Feedback	3 Do not change linkage	•			
Receiver Status		0 No errors	•			
Neceiver Status		o no enois				

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.

1 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



5. 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_
 - \circ MDC_RFM_VAL_Q_
 - MDC_RFM_EVA_Q_
 - MDC_QUEUE_RFM_

MDC_PROCESS

	OLOL_				
gRFC Configurat	ion				
Scheduler: System	Scheduler: App	. Server Scheduler: Destinat	ion / Define Inbo	und Dest. Define Supervisor Dest.	
		MDC REM			
Uppersonation	<u> </u>				
IDC REM	7.	cogoid server group		-	
D EQ LOCAL	-1	Prefixes	m		
		MDC QUEUE RFM			
		MDC_RFM_ACT_Q_			
		MDC_RFM_EVA_Q_			
		MDC_RFM_MAT_Q_			
		MDC_RFM_MTC_Q_	*		
		()	•		
	÷				
4 >		New Prefix			
Last Changed		-			
User Name					
Cienc ID					
Ourrent Date					
Content Date					

- 6. 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

1 Note

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



Scheduler: System	Schedu	ler: App. Server Sche	duler: Destination	Define Inbound Dest.	Define Supervisor Dest.	
Pastination Nama		Inbound DestinationMD	C RFM			
IDC RFM		Scheduler Count	8- 7			
	٣	Max. Auto. Retries	30			
		Wait per Unit (s)	900			
		Wait/Destination (s)	900			
		Dest.Proc. Time (s)	0			
		Open Connections	10			
		Unit Alive Checks	30			
		History Active [
		Check Class		3		
		Active/Inactive				
		Check Class				
	÷					
	< >					
last Changed						
User Name		2				
Client ID						
Time						
Current Date						

- 7. Provide Destination as "BGRFC_SUPERVISOR" in the "Define Supervisor Dest" tab and click Enter.
- 8. Click on "Save" button.

bgRFC Configuration						
Scheduler: System Scheduler: App. Server Scheduler: Destination Define Inbound Dest. Define Supervisor Dest.						
New Supervisor Destination						
Destination BGRFC_SUPERVISOR &						
Defined Supervisor Destination						
Destination						
Last Changed						
User Name						
Client ID						
Changed On						
Changed At 00:00:00						

1 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 PFILT (Consolidation Cluster Permissions)
- MDC PROOT (Consolidation Root Permissions)

1 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.

Change Role: Authorizations						
🕒 📅 🗟 Selection criteria 🛛 🗟 Manually Orga	nizational levels	Trace Information Ver	sions			
Role /UGIRUI02/BCR_MDC_RFM Maint. 0 unmaint. org. Tevels, 0 open fields Status: generated						
🗖 Status 🛛 Edit 🗸 🔛 🛛 🔯 🚖 📮 🖉 🚛 🎝	🔁 Search 🔒 🏢	Values				
Group/Object/Authorization/Field	Maintena \	Value	Text			
OCE Object Class AAAB	Manual	1	Cross-application Authorization Objects			
COM Authorization Object S_SERVICE	Manual 🧪		Check at Start of External Services			
COL 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	Type of Check Flag and Authorization Default Values			
OC Object Class MDC	Manual		MDG, Consolidation			
Description Object MDC_ADMIN	Manual 🧪		Administrative permissions			
COB Authorization T-R873005300	Manual 🧪		Administrative permissions			
 Image: MDC_OBJTYP 	Manual 🥒	DRF_0017	Business Object Type			
• 🗈 🗖 ACTVT	Manual 🖉	All activities	Activity			
COM Authorization Object MDC_MASS	Manual 🧪		Mass Processing Permissions			
Authorization T-R873005300	Manual 🧪		Mass Processing Permissions			
 MDC_OBJTYP 	Manual 🖉	DRF_0017	Business Object Type			
• 📄 🗖 ACTVT	Manual 🖉	All activities	Activity			
Muthorization Object MDC_PFILT	Manual 🧪		Consolidation Cluster Permissions			
Authorization T-R873005300	Manual 🧪		Consolidation Cluster Permissions			
• 📄 🛄 MDC_OBJTYP	Manual 🦉	DRF_0017	Business Object Type			
• 📄 🛄 MDC_FILTER	Manual 🖉	*	Master Data Change Process Source Filter			
Muthorization Object MDC_PROOT	Manual 🧪		Consolidation Root Permissions			
Authorization T-R873005300	Manual 🧪		Consolidation Root Permissions			
• MDC_OBJTYP	Manual 🦉	DRF_0017	Business Object Type			
• 📄 🔲 ACTVT	Manual 🖉	All activities	Activity			

1 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

- 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
- /UGI4/MDGRFM_FMS_STEW
- /UGI4/MDGRFM_FMS_DISP
- Master Data Governance for FMS: Specialist
- Master Data Governance for FMS: Data Steward
- 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	From Number	To Number
	number		
/UGI4/RT	01	000000000000000000000000000000000000000	000009999999999
DATLDLOGID (Only maintain if the	01	1000002	99999999
object exists in your system)			

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	Setup of SAP Fiori System Landscape for SAP Business Suite with ABAP Environment	Installation Requirements (Transactional Apps) Activating SAP Gateway OData Services
HANA database	Setup of SAP Fiori System Landscape for SAP Business Suite with SAP HANA Database	Installation Requirements (Fact Sheets)

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.

1 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	UI for MDG S4CORE 103	 UGIRUI02 – Utopia MDC Fiori UI
Back-end components	SAP Master Data Governance 1909	 MDG UI Ext. on S4CORE 103 Master Data Governance MDG UI Ext. on S4CORE 103 	UGI4 - Utopia MDC for RFM Fiori Integration Addon



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 <u>Virus Scanning</u>.

i Note

Virus Scanning can be switched off by using t-code /IWFND/VIRUS_SCAN.

SAP Gateway Virus Scan Profile Configuration
V2 Virus Scan Options
Virus Scan Profile []Q ✓Virus Scan Switched Off

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



Dialog Structure Virus Scan Profile Virus Scan Profile Active Default Pr Profile Text Steps /CBGLMP_API/WWI_GET GLM Plus: Load Image Files from WWI Server /CBUI/WWI_REPORT_GEN EHS: WWI Report Generation //EDUI/WWI_REPORT_GEN File Upload Using the Method CL_HTTP_ENTIT //CC_CCS_MCM/ICI_MAIL Virus Scan Profile for Email via Integrated Com //WBEP/V4/0DATA_UPL_ Image Files from WWI Server //MDG_BS_FILE_UPLOAD Image Files Configuration //NDG_BS_FILE_UPLOAD Image Files for Email via Integrated Com //WDG_BS_FILE_UPLOAD Image Files Configuration //NDG_BS_FILE_UPLOAD Image Files Configuration //SARC_RUNTIME/APC_W_ Image Files Configuration /SARC_RUNTIME/APC_W_ Image Files Configuration	S BP CP CP					
Vrus Scan Profile Vrus Protection Center Vrus Profile Vrus Protection Using the Archive Developme Vrus Scan Profile Vrus Protection Using the Archive Developme Vrus Scan Profile Vrus Protection Using the Archive Developme Vrus Protection Using CL_GUI_FRONTEND_SERVICE Vrus Scan Vrus Protection Using CL_GUI_FRONTEND_SERVICE Vrus Scan Vrus Protection Using CL_GUI_FRONTEND_SERVICE Vrus Scan Vrus Protection Using CL_GUI_FRONTEND_SERVICE Vrus Vrus Vrus Protection Using CL_GUI_FRONTEND_SERVICE Vrus Vrus Vrus Protection Using CL_GUI_FRONTEND_SERVICE Vrus Vrus Vrus Vrus Vrus Vrus Vrus V	Dialog Structure	Virus Scan Profile				
 Steps Step Configuration Profile Configuration MIME Types /CBGLMP_API/WWI_GET_ GLM Plus: Load Image Files from WWI Server /CBUI/WWI_REPORT_GEN EHS: WWI Report Generation /HCM_TMC/DOCUMENT_U_ File Upload Using the Method CL_HTTP_ENTT /IC_CCS_MCM/ICI_MAIL Virus Scan Profile for Email via Integrated Com /IWBEP/V4/ODATA_UPL_ /MDG_BS_FILE_UPLOAD_ /PAOC_EIC_APPL_COMM_ Employee Interaction Center /PC01/SVINCOMING Scanning Incoming Status Management Emails /PLMU/UI_SPC_BAS/MS_ /SAPC_RUNTIME/APC_W_ /SAPC_RUNTIME/APC_W_ /SARC/ARCHIVING_ADK Virus Protection Using the Archive Developme /SECOMS/SMTP_INBOUND SMTP Inbox Processing /SCET/GUI_UPLOAD /SCET/GUI_UPLOAD /SCET/GUI_UPLOAD File Upload Using CL_GUI_FRONTEND_SERVICE /SCMS/KFRO_CREATE /SCMS/KFRO_XML_CREA_ /SIHITP/HTTP_DOWNLO_ 	 Virus Scan Profile 	Virus Scan Profile	Active	Default Pr	Profile Text	E
Orbig Configuration O	Steps Step Configuration	/CBGLMP_API/WWI_GET_			GLM Plus: Load Image Files from WWI Server	
 MIME Types /ECM_TMC/DOCUMENT_U_ Fle Upload Using the Method CL_HTTP_ENTT /IC_CCS_MCM/ICI_MAIL Virus Scan Profile for Email via Integrated Com /IWBEP/V4/ODATA_UPL_ /MDG_BS_FILE_UPLOAD_ /PAOC_EIC_APPL_COMM_ Employee Interaction Center /PC01/SVINCOMING Scanning Incoming Status Management Emails /PLMU/UI_SPC_BAS/MS_ /SAPC_RUNTIME/APC_W_ /SARC/ARCHIVING_ADK Virus Protection Using the Archive Developme /SBCOMS/SMTP_INBOUND SMTP Inbox Processing /SCET/DP_VS_ENABLED /SCET/GUI_UPLOAD Fle Upload Using CL_GUI_FRONTEND_SERVICE /SCMS/KFRO_CREATE /SIHITP/HTTP_DOWNLO_ 	Profile Configuration	/CBUI/WWI_REPORT_GEN			EHS: WWI Report Generation	1
/IC_CCS_MCM/ICI_MAIL Virus Scan Profile for Email via Integrated Com /IWBEP/V4/ODATA_UPL. /MDG_BS_FILE_UPLOAD. /PAOC_EIC_APPL_COMM. Employee Interaction Center /PAOC_EIC_APPL_COMM. Scanning Incoming Status Management Emails /PIMU/UI_SPC_BAS/MS. /SAPC_RUNTIME/APC_W. /SARC/ARCHIVING_ADK Virus Protection Using the Archive Developme /SECOMS/SMTP_INBOUND SMTP Inbox Processing /SCET/DP_VS_ENABLED /SCET/GUI_UPLOAD File Upload Using CL_GUI_FRONTEND_SERVICE /SCMS/KPRO_CREATE /SCMS/KPRO_CMEATE	• 🛄 MIME Types	/HCM_TMC/DOCUMENT_U_			File Upload Using the Method CL_HTTP_ENTI	1
/IWBEP/V4/ODATA_UPL.		/IC_CCS_MCM/ICI_MAIL			Virus Scan Profile for Email via Integrated Com	
/MDG_BS_FILE_UPLOAD.		/IWBEP/V4/ODATA_UPL_				
/PAOC_EIC_APPL_COMM. Employee Interaction Center /PC01/SVINCOMING Scanning Incoming Status Management Emails /PLMU/UI_SPC_BAS/MS. /SAPC_RUNTIME/APC_W. /SAPC_RUNTIME/APC_W. /SARC/ARCHIVING_ADK Virus Protection Using the Archive Developme /SBCOMS/SMTP_INBOUND SMTP Inbox Processing /SCET/DP_VS_ENABLED /SCET/GUI_UPLOAD File Upload Using CL_GUI_FRONTEND_SERVICE /SCMS/KFRO_CREATE /SCMS/KFRO_XML_CREA		/MDG_BS_FILE_UPLOAD_				
/PC01/SVINCOMING Scanning Incoming Status Management Emails /PIMU/UI_SPC_BAS/MS. /SAPC_RUNTIME/APC_W. /SAPC_RUNTIME/APC_W. /SAPC_RUNTIME/APC_W. /SARC/ARCHIVING_ADK /SARC/ARCHIVING_ADK /SECOMS/SMTP_INBOUND SMTP Inbox Processing /SECI/DP_VS_ENABLED /SCEI/GUI_DOWNLOAD /SCMS/KPRO_CREATE /SCMS/KFRO_XML_CREA /SIHITP/HTTP_DOWNLO_		/PAOC_EIC_APPL_COMM_			Employee Interaction Center	
/PLMU/UI_SPC_BAS/MS.		/PC01/SVINCOMING			Scanning Incoming Status Management Emails	1
/SAPC_RUNTIME/APC_W_		/PLMU/UI_SPC_BAS/MS_				
/SAPC_RUNTIME/APC_W_		/SAPC_RUNTIME/APC_W.				
/SARC/ARCHIVING_ADK Virus Protection Using the Archive Developme /SBCOMS/SMTP_INBOUND SMTP Inbox Processing /SCET/DP_VS_ENABLED SMTP Inbox Processing /SCET/GUI_DOWNLOAD File Upload Using CL_GUI_FRONTEND_SERVICE /SCMS/KPRO_CREATE SMTP Inbox Processing /SCMS/KPRO_CREATE SMTP Inbox Processing /SINTP_IND_C SMTP Inbox Processing		/SAPC_RUNTIME/APC_W_				
/SBCOMS/SMTP_INBOUND SMTP Inbox Processing /SCET/DP_VS_ENABLED SMTP Inbox Processing /SCET/GUI_DOWNLOAD SMTP Inbox Processing /SCET/GUI_DOWNLOAD SMTP Inbox Processing /SCET/GUI_UPLOAD File Upload Using CL_GUI_FRONTEND_SERVICE /SCMS/KPRO_CREATE SMTP Inbox Processing /SCMS/KPRO_XML_CREA SMTP Inbox Processing /SINTP/HTTP_DOWNLO_ SMTP Inbox Processing		/SARC/ARCHIVING_ADK			Virus Protection Using the Archive Developme	
/SCET/DP_VS_ENABLED		/SBCOMS/SMTP_INBOUND			SMTP Inbox Processing	
/SCET/GUI DOWNLOAD Image: Scetzing of the sector of th		/SCET/DP_VS_ENABLED				
SCMS/KPRO_CREATE SIGNAL_CREA.		/SCET/GUI DOWNLOAD	П			
/SCMS/KPRO_CREATE // ////////////////////////////////		SCET/GUI_UPLOAD			File Upload Using CL_GUI_FRONTEND_SERVIC	i
/SCMS/KPRO_XML_CREA_		/SCMS/KPRO_CREATE	U	U		-
/SIHTTP/HTTP_DOWNLO_		/SCMS/KPRO_XML_CREA_				
		/SIHTTP/HTTP_DOWNLO_				

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

I	CM	Mo	nitor	- Sen	vice D	Displa	y																
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A	cti	lve 3	Servio	es																			
		No.	Proto	co1		Sea	rvice	Name/P	ort	Bos	t Nam	e		Ke	ep Al	ive i	Proc.Ti	neo J	lotv	Exter	mal Bind	Address bound	ACL File
		1	HITP			800	00			-					1,8	00	1,8	00	9				
		2	BITPS			443	300								1,8	00	1,8	00	9				
		3	SMTP			250	000								1,8	00	1,8	00	9				

2.1.1. Prerequisite OSS Notes

Below Notes are applicable for 1909 release:

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

1 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 (²) 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_EDI	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)

1 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"

Application Na	\checkmark is equal to	 ✓ *MDC* 	$\oplus \bigcirc$
Object Type	\checkmark is equal to	 Application 	→ ⊕ ⊜
Name	✓ is equal to	*	÷ 🖨
Search Clear	Maximum Reset	Number of Results:	200

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



Business Rule Framework plus Workbench Tools Repository Catalog Application: ZMDC, TESTING, DRE, 0017, MD, Consolidation, Rules, For	୕୕୰୰
Workbench V Iools V Repository Catalog Application: ZMDC, TESTING, DRF, 0017, MD, Consolidation, Rules, For	(? ∨
Repository Catalog Application: ZMDC TESTING DRE 0017 MD Consolidation Rules For	
Show: Search Result V Search	
H 프 General	
Search Result S Detail	_
✓ ™ MDC DRF_0017 ■ Properties Default Settings Contained Objects Miscellaneous	
Data Object * Development Package: -	
> Expression Application Component:	
> Function Software Component: HOME	
> Rule	
> Ruleset Application Exit Class:	

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__, 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:

- 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 오 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.



Show/Hide Table Keeps	Show/Hide Appends		Selected	🔁 😏 Apply BRF+ Artifacts 🛛 🗳 Apply Others	
Package Z001			P Error Log		
Table Keeps Table Keeps MARA	Type STRUCTURE STRUCTURE TABLE TABLE TABLETYPE TABLETYPE TABLE TAB	Template MOC_THF	Name of the column	Message Text Created BRF+ application ZMDC_TESTING_DRF_0017 Object ZMDC_TESTING_DRF_0017 successfully activated Object XMDC_TESTING_DRF_0017 successfully activated Object XMDC_TESTING_DRF_0017 successfully activated Object XMDC_UGE_DRT_ID successfully activated Object XMDC_VALIDATION_STATUS successfully activated Object XMDC_TABLE_OF_UGI4_MARA_PRC successfully activated Object XMDC_TABLE_OF_UGI4_MARA_PRC successfully activated Object XMDC_STD_FOR_UGI4_MARA_PRC successfully activated Object XMDC_STD_FOR_UGI4_MARA_PRC successfully activated Object XMDC_UDD_FOR_UGI4_MARA_PRC successfully activated Object XMDC_UDD_FOR_UGI4_MARA_PRC successfully activated Object XMDC_GER_FOR_UGI4_MARA_PRC successfully activated Object XMDC_GER_FOR_UGI4_MARA_PRC successfully activated Object XMDC_GET_BEST_OF_UGI4_MARA_PRC successfully activated Object XMDC_TABLE_OF_UGI4_MARA_PRC successfully activated Object XMDC_TABLE_OF_UGI4_MARA_PRC successfully activated Object XMDC_TABLE_OF_UGI4_MARA_PRC successfully activated Object XMDC_STD_FOR_UGI4_MARA_PRC successfully activated Object XMDC_STD_FOR_UGI4_MARA_PRC successfully activated Object XMDC_STD_FOR_UGI4_MARA_PRC successfully activated Object XMDC_STD_FOR_UGI4_MARA_HERP successfully activated Object XMDC_STD_FOR_UGI4_MARA_HERP successfully activated Object XMDC_UDD_FOR_UGI4_MARA_HERP successfully activated Object XMDC_UDD_FOR_UGI4_MARA_HERP successfully activated Object XMDC_UDD_FOR_UGI4_MARA_HERP successfully activated Object XMDC_UDD_FOR_UGI4_MARA_HERP successfully activated Object XMDC_GET_BEST_UGI4_MARA_HERP successfully activated	

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

- 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.

1 Note

Naming convention for the BRFplus application created is "MDC_<BO_type>".

SAP	Business Rule Framework plus	
Workbench V Tools V		X @ 7~
Repository Catalog	Application: ZMDC_TESTING_DRF_0017, MD Consolidation Rules For	
Show: Search Result V Search	K Back Z Edit Deteck Save Activate Detect Im Delete Im Dele	
E E	General	
Search Result S	Detail	_
✓ ✓ MDC DRF_0017 Action	Properties Default Settings Contained Objects Miscellaneous	
> Data Object	* Development Package: 2001	
> Expression	Application Component:	
> Function > Rule	Software Component: HOME	
> Ruleset	Application Exit Class:	
> 🔄 RBWF_APP_BP5P1		

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



Workbench V						
Repository Catalog	Application: ZMDC_TESTING_DRF_0017, MD Consolidation Rules For					
w: My Applications 🗸 Search 🖌 Edit 🖉 Edit 👘 Check 🖫 Save 🕼 Activate 🕼 Delete 🗸 More 🗸						
Create Application	General					
My Applications S	Detail					
✓ [™] MDC DRF_0017	Properties Default Settings Contained Objects Miscellaneous					
> Data Object						
> Expression	* Development Package: Z001					
 Function 	Application Component:					
> MDC_BRC_FOR_UGI4_MARA_I						
> MDC_BRC_FOR_UGI4_MARA_I	Software Component: HOME					
> MDC_STD_FORUGI4_MARA_H	Application Exit Class:					
MDC_STD_FORUGI4_MARA_F						
> 🔺 MDC_UPD_FORUGI4_MARA_I 🔳						
> 🔺 MDC_UPD_FORUGI4_MARA_I 🔳						
> MDC_VAL_FORUGI4_MARA_F						
> MDC_VAL_FORUGI4_MARA_F						
> Rule						
> Ruleset						

- 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.

SAP		Bu	siness Rule Framew	ork plus	
Workbench V					
Repository Catalog	Function: MDC_	VAL_FORU	GI4_MARA_PR	С	
Show: My Applications V Search	K Back 6∂ Display ⊕ Check □ Save ★ Activate □ Delete ∨ More ∨				
Create Application	General				
My Applications S	Detail				
 MDC DRF_0017 Data Object Expression Function MDC_BRC_FOR_UGI4_MARA_I MDC_BRC_FOR_UGI4_MARA_I MDC_STD_FOR_UGI4_MARA_F MDC_STD_FOR_UGI4_MARA_F MDC_UPD_FOR_UGI4_MARA_I 	Simulation Mode Signature Assigned Ruleset Create Ruleset	e: Event Mode		~	
<pre>> MDC_UPD_FOR_UGI4_MARA_I > MDC_VAL_FOR_UGI4_MARA_I > MDC_VAL_FOR_UGI4_MARA_P > Rule > Ruleset</pre>	Name Text	Priority	Enabled	Precondition	Status

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



Workbench V Tools V							S (0	
Repository Catalog	Function: MDC_VAL_FORUGI4_M	ARA_PRC						
Show: My Applications V	🗙 Back 60 Display 🖺 Check 🖫 Save 泽 Ac	tivate 🗑 🗑 Dele	te 🗸 🛛 More 🗸					
🗗 Create Application	General							
My Applications S	Detail							
✓ MDC DRF_0017 Action	Simulation							
✓ Data Object	Mode: Event Mode		\sim					
> Element	Signature Assigned Rulesets							
> Structure								
✓ Table								
List Of Process Records For O1	Ruleset							
List Of Process Records For O1	Create Ruleset							
> Expression	oreate realiser							
✓ Function	Name	Text	Priority	Enabled	Precondition	Status	Executable	
MDC_BRC_FORUGI4_MARA_I	ZMDC_RVAL_FOR_UGI4_MARA_PRC		[undefined]	Yes			1	
MDC_BRC_FORUGI4_MARA_I						-	•	
MDC_STD_FOR_UGI4_MARA_F								
> MDC_STD_FORUGI4_MARA_F								
> MDC_UPD_FORUGI4_MARA_I								
> MDC_UPD_FORUGI4_MARA_I								

- 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

Repository Catalog	Ruleset ZMDC RVAL FOR LIGIA MARA PRC	· · · · · ·
Show: Search Result V Search	K Back / Edit 1 Check () Save > Activate 1 Delete ↓ More ↓	
E E	General	
Search Result S	Detail	_
✓ [™] MDC DRF_0017 > Action	Show Ruleset Header	
> Data Object	Rules	© _
 Expression Function 	(1) Rule: No description is available - A Validity: 05.11.2019 - 31.12.9999	
> 🔺 MDC_BRC_FORUGI4_MARA_F	ŀf	
> 🛦 MDC_BRC_FOR_UGI4_MARA_F	A ProcessBrand is initial	
> 🔺 MDC_STD_FORUGI4_MARA_F 🔳	Then	
> MDC_STD_FORUGI4_MARA_F		
> MDC_UPD_FORUGI4_MARA_I	(1) Perform @/ Brand Is empty	
> MDC_UPD_FORUGI4_MARA_F	(2) Change value of A Status to E (Validation executed with errors)	
V 🔺 MDC_VAL_FORUGI4_MARA_F 🔳		

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".

Action Followup Actions	imulation		
		_	
Application Log Object:	MDC		
Description:	Master Data Governance, Consolidation		
Application Log Subobject:	MDC_VAL	L)	
Description:	Validation		
External Identification Mode:	By Reference Object	~	
External Identification Refer :	External ID 🗊		
Persist:	\checkmark		
Log Message:			
(1) Error Message: Please	e maintain the value for Labor. 🥒 层		



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:

- 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:

- 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.
- 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)
 - o 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:

 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.
- 1 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 BAdI 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 SCPR20 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 <u>Configuration of bgRFC</u>.
- 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"
6 New Entries 🗈	
Configuration ID	URFM_VAL
Master Data Canadidati	an Casternations for Unitation
Master Data Consolidati	on: configurations for validation
Description	RFM Validation Config
No of Processes	10
Queue Prefix	MDC_RFM_VAL_Q_
✓ BRF+ Checks	
Write MDQ Worklist	
Remove Unchanged	Rec
Threshold (%)	

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 <u>Configuration of bgRFC</u>.
- 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



			Perrect Data, Perrectly
Change View "Configurations for	Activation for RFM": De	etails	
💖 New Entries 🗈 🖶 🛱 🔓 🔒			
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)	10	Type of Change Request	RMP Schema
Max. Records	10		
Indated Records			
Activation Target for Undated Records		Type of Change Pequert	Mass Schema
Max Records	10	Type of change Request	Mass Schema
have records			
(Hadatad Pacards (Errore)			
Activation Target of Lindsted Records (Errors)		Turne of Change Request	PMD Schoma
Max. Records	10	Type of change kequesc	NHP Schema
Change View "Configurations for	Activation for DEM", D	taila	
		Lans	
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)		v	
Type of CR New Err		RMP Schema	
Type of CR Upd. Err		RMP Schema	
Max. Records	10		
Validation			
MDG Checks			
BRF+ Checks			
(- h.)			
Replication			
Call DRF After Activation			
Retention Time			
Hours	MIDUTES		

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		Х	Х
Update	No Limitation		Х	Х
Matching	Once		Х	
Best Record	Once	After Matching	Х	
Calculation				
Validation	No Limitation		Х	Х
Filter and Remove	No Limitation	After: - BRC Validation Matching	X	X
Activation	Once	Last or last but one	Х	Х
Replication	Once	Last	Х	Х

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.

1 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.

ABAP Edit	tor: Initial Screen	
ii 🧪 🕸 🕏	🗄 🔝 📅 🗀 🙌 🐼 Debugging	🐼 With Variant
Program	/UGI4/MDC_MODEL_ACTIVATE	Create
Subobjects		
 Source Code 		
○ Variants		
OAttributes		
⊖ Text elemen	ts	
ODocumentati	on	
රිය Display	Change	

2.4. MDC UI Implementation

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

- Required Back-end Product
- Line of Business
- <u>Application Type</u>
- 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	 SAP MASTER DATA GOVERNANCE 804 MDC Solutions for RFM 1909 by Utopia for SAP UGI4 930 Add- on Component
Support Package Stack	• 00
Product Instance(s)	MDC Solutions for RFM 1909 by Utopia for S/4HANA
Software Component Version	UGI4 – Utopia Fiori Software Component – 930
Prerequisite for installation	 MDC Solutions for RFM 1909 by Utopia for SAP UGI4 930 is an add- on to: SAP FIORI FRONT-END SERVER 5.0 - SPS Initial Shipment Stack, or SAP GATEWAY 2.0 - SPS 10 (03/2015) or S/4HANA on Premise 1909

Back-end components (ABAP)	
Product Version	SAP MASTER DATA GOVERNANCE 804
	 MDC Solutions for RFM 1909 by Utopia for SAP UGI Add-on
	Component 930
Support Package Stack	• 00
Product Instance(s)	Master Data Consolidation and Mass Processing
Software Component Version	 UGI4 – Utopia Fiori Integration Addon – 930
Prerequisite for installation	MDC Solutions for RFM 1909 by Utopia for SAP UGI4 930 is an add-
	on to
	SAP FIORI FRONT-END SERVER 5.0 - SPS Initial Shipment
	Stack, or
	 SAP GATEWAY 2.0 - SPS 10 (03/2015) or
	S4HANA on Premise 1909



2.4.6. Configuring SAP MDC Fiori Applications for RFM

1 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.

1 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

Activate and Maintain Services				
3 2 7 M 😰 🕒 🕂 Filter	Add Service 🛅 Delete Service 🔀 Service Deta	ils 🚱 Load Metadata 🛛 🖳 Error Log 🗍 🏭 Request Si	Statistics Refresh Catalog 🔍 OAuth 🕅 Soft	State
Service Catalog	Add Service			
Type Technical Service Name	V Service Description	External Service Name Nsp.	OAut Soft State Processing Mode	
BEP 🗗 ADT	1 Gateway service for ADT	ADT_SRV	✓ <u>Not Supported</u> Routing-based	



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

Add Selected Services									
Services									
Filter									
System Alias	LOCAL	Co-Deployed							
Technical Service Name	/UI2/PAGEBUILDER*	Version							
External Service Name		External Mapping ID							
g 17007. 6	Add Selected Services								
Select Backend Services									
Type Technical Service Name	Ver Service Description	External Service	Name Names	space External Mapping ID					
BEP C /UI2/PAGEBUILDER_SERVIC	<u>E V 0 1</u> 1 Gateway Data Provider: Pag	gebuilder v0.1 (DB) PAGEBUILDER	SERVICE V 0 1 /UI2/						

5. Add the service.

🔄 Add Service		
Service		
Technical Service Name	ZPAGEBUILDER_SERVICE_V_0_1	
Service Version	1	
Description	Gateway Data Provider: Pagebuilder v0.1 (DB)	
External Service Name	PAGEBUILDER_SERVICE_V_0_1	
Namespace	/UI2/	
External Mapping ID		
External Data Source Type	C	
Model		
Technical Model Name	ZPB_MODEL	
Model Version	1	
Creation Information		
Package Assignment	Local Object	
ICF Node		
 ● Standard Mode 	○ None	
✓ Set Current Client as Default Client	ant in ICF Node	
OAuth enablement		
Enable OAuth for 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



Ac	tivate and Maintain Service	\$								
9	1 7 M M D . 4 . 7 m	er 🛛 🔂 Add Service 📷 Delete Service 🔀 Service Deta	ais 🔂 Load N	letadata 😃 Error Log 🌆	Request Sta	atistics				
(Chine	freeh Catalag	A Descenting Made Dr. Add to Teppenart								
-2 Ke	riesh catalog (OAuth) Constate	Processing Mode Ray Add to Transport								
Sen	vice Catalog									
Туре	Technical Service Name	Ver Service Description	External S	ervice Name	Nsp.	OAut	Soft State	Processing Mode		
	/IWFND/SG_USER_SERVICE	1 Information Worker - User Service	USERSERV	ICE	/IWFND/			Routing-based		
BEP	/SOMO/MA_ODATA_SRV	1 /SOMO/CL_MA_ODATA_DPC_EXT	MA ODAT	A SRV	/SOMO/			Routing-based		Ψ.
BEP	ZSMART BUSINESS DESIGNTIME S	1 SSB : Designtime Apps Services	SMART BL	JSINESS DESIGNTIME SRV	/SSB/		Not Supported	Routing-based		
BEP	ZSMART BUSINESS RUNTIME SRV	1 OData for Smart Business Runtime	SMART BL	JSINESS RUNTIME SRV	/SSB/		Not Supported	Routing-based		
BEP	ZMDC_CUSTMIZING	1 MDC CUSTOMIZING	MDC CUST	TMIZING	/UGI4/		Not Supported	Routing-based		
BEP	ZMDC EXPORT SRV DRF 0017	1 MDC RFM Export Service	MDC EXPO	DRT SRV DRF 0017	/UGI4/		Not Supported	Routing-based		
BEP	ZMDC PROC RFM ALP SRV	1 MDC RFM Process Analytics	MDC PRO	C RFM ALP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZMDC PROCESS SRV DRF 0017	1 RFM Odata MDC	MDC PRO	CESS SRV DRF 0017	/UGI4/		Inactive	Routing-based		
BEP	ZMDC TRACK CHG SRV DRF 0017	1 MDC Track Changes RFM	MDC TRAC	CK CHG SRV DRF 0017	/UGI4/		Not Supported	Routing-based		
BEP	ZMDG CR RFM ALP SRV	1 MDG RFM Change Request Analysis	MDG CR F	REM ALP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZMDG MDPROC RFM OVP SRV	1 MDG RFM Process Overview	MDG MDP	ROC RFM OVP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZOLTY RFM GENERAL ALP SRV	1 MDQ Analytical List Page for General Article Data	OLTY REN	I GENERAL ALP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZQLTY RFM PIR ALP SRV	1 MDQ Analytical Page for Article PIR Data	OLTY REN	I PIR ALP SRV	/UGI4/		Not Supported	Routing-based		-
000	TO TV 200 0 00T 0.0 00V	A sheet to to a first or an	0.774.073		to over all	-		• • • • •		_
/ IC	F Node 🚽 🙆 Call Browser 🕮 SAP Gate	way Client		Add System Alias	nove System	n Alias	& Customizing	Service Implement	tation	
ICF	Nodes			System Aliases						
Stat	us ICF Node Session Time-out S	Soft State Description		SAP System Alias Descrip	tion			Default	Metadata User R	tole
00	ODATA 00:00:00	Standard Mode		LOCAL Local S	ystem Alias					
			4 1							4 1

2. Select the service and click on ICF Node.

🔄 Ma	intain Service <u>E</u> dit <u>G</u> oto S <u>y</u> stem	Help								
0	🔹 🖉 🖉	🛚 😧 । 🗁 🖞 👘 🎼 🗈 🗅 🖓 🛱 । 🚱 🖫								
Act	ivate and Maintain Service.	5								
G Ref	호 🖬 👘 💽 기배기 🕅 Fitt resh Catalog 🔍 OAuth 🔍 Soft State	er] 🔁 Add Service 📷 Delete Service 🔚 Service Detai	s 🔁 Load I	4etadata 🔡 Error Log 🖡	Request S	tatistics				
Serv	vice Catalog									
Type	Technical Service Name	Ver Service Description	External S	ervice Name	Nsp.	OAut	Soft State	Processing Mode		
	/IWFND/SG USER SERVICE	1 Information Worker - User Service	USERSER	/ICE	/IWFND/			Routing-based		
BEP	/SOMO/MA ODATA SRV	1 /SOMO/CL_MA_ODATA_DPC_EXT	MA ODAT	TA SRV	/SOMO/			Routing-based		Ψ.
BEP	ZSMART BUSINESS DESIGNTIME S	1 SSB : Designtime Apps Services	SMART B	USINESS DESIGNTIME SRV	/SSB/		Not Supported	Routing-based		
BEP	ZSMART BUSINESS RUNTIME SRV	1 OData for Smart Business Runtime	SMART B	USINESS RUNTIME SRV	/SSB/		Not Supported	Routing-based		
BEP	ZMDC_CUSTMIZING	1 MDC CUSTOMIZING	MDC_CUSTMIZING /UG?			514/	Not Supported	Routing-based		
BEP	ZMDC EXPORT SRV DRF 0017	1 MDC RFM Export Service	MDC EXP	/UGI4/		Not Supported	Routing-based			
BEP	ZMDC PROC RFM ALP SRV	1 MDC RFM Process Analytics	MDC PRO	C RFM ALP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZMDC PROCESS SRV DRF 0017	1 RFM Odata MDC	MDC PRO	CESS SRV DRF 0017	/UGI4/		Inactive	Routing-based		
BEP	ZMDC TRACK CHG SRV DRF 0017	1 MDC Track Changes RFM	MDC TRA	CK CHG SRV DRF 0017	/UG14/		Not Supported	Routing-based		
BEP	ZMDG CR RFM ALP SRV	1 MDG RFM Change Request Analysis	MDG CR	RFM ALP SRV	/UG14/		Not Supported	Routing-based		
BEP	ZMDG MDPROC RFM OVP SRV	1 MDG RFM Process Overview	MDG MDF	ROC RFM OVP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZQLTY RFM GENERAL ALP SRV	1 MDQ Analytical List Page for General Article Data	QLTY RF	M GENERAL ALP SRV	/UG14/		Not Supported	Routing-based		
BEP	ZOLTY RFM PIR ALP SRV	1 MDQ Analytical Page for Article PIR Data	OLTY RE	M PIR ALP SRV	/UG14/		Not Supported	Routing-based		-
050			0.704.000					a 10 ⁻ 10 - 1		•
ICF	Node 🖌 😰 Call Browser 🕮 SAP Gate	way Client		🗟 Add System Alas 📑 R	emove Syste	m Allas	🖓 Customizing	Service Impleme	ntation	
A	ctivate			System Aliases						
D	eactivate Section Time out 1	off State Description		SAR System Alas Descr	intion			Dofult	Motodata	Usor Rolo
D	elete no.oo.oo	Standard Mode		LOCAL Local	System Alas			Deladic	Mecauaca	USEI IKUIE
<u>_</u>	onfigure (SICF)			Local	-,					
			4 F	4						4 1

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

1 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_SRVDRF_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/IWFI	ND/MAINT	SERVICE
				_	

Act	tivate and Maintain Service	s									
alı		n B Add Sanira Dalata Sanira 🕅 Sanira Datai	k 🚱 l ozd l	Matadata Br Error Log Bal	Poquart St	atistics	1				
					Nequest 50	ausucs					
🖻 Ref	fresh Catalog 🌂 OAuth 🌂 Soft State	Processing Mode 📙 Add to Transport									
Serv	vice Catalog										
îvne	Technical Service Name	Ver Service Description	External 9	ervice Name	Nsp.	• OAut	Soft State	Processing	Mode		
100	/IWFND/SG USER SERVICE	1 Information Worker - User Service	USERSER	/ICE	/IWFND/			Routing-b	ased		
EP	SOMO/MA ODATA SRV	1 /SOMO/CL MA ODATA DPC EXT	MA ODA	TA SRV	/SOMO/	1 H		Routing-b	ased		
EP	ZSMART BUSINESS DESIGNTIME S	1 SSB : Designtime Apps Services	SMART B	USINESS DESIGNTIME SRV	/SSB/		Not Supported	Routing-b	ased		
EP	ZSMART BUSINESS RUNTIME SRV	1 OData for Smart Business Runtime	SMART B	USINESS RUNTIME SRV	/SSB/		Not Supported	Routing-b	ased		
EP	ZMDC CUSTMIZING	1 MDC CUSTOMIZING	MDC CUS	TMIZING	/UGI4/		Not Supported	Routing-b	ased		
EP.	ZMDC EXPORT SRV DRE 0017	1 MDC REM Export Service	MDC EXP	ORT SRV DRE 0017	/UG14/		Not Supported	Routing-b	ased		
EP.	ZMDC PROC REM ALP SRV	1 MDC REM Process Analytics	MDC PRC	C REM ALP SRV	/UG14/		Not Supported	Routing-b	ased		
EP	ZMDC PROCESS SRV DRF 0017	1 RFM Odata MDC	MDC PRC	CESS SRV DRE 0017	/UGI4/	H	Inactive	Routing-b	ased		
FP	ZMDC TRACK CHG SRV DRE 0017	1 MDC Track Changes REM	MDC TRA	CK CHG SRV DRE 0017	/UG14/		Not Supported	Routing-b	ased		
EP	ZMDG CR REM ALP SRV	1 MDG REM Change Request Analysis	MDG CR	REM ALP SRV	/11G14/		Not Supported	Routing-h	sed		
FP	ZMDG MDPROC REM OVP SRV	1 MDG REM Process Overview	MDG MD	PROC REM OVP SRV	/UG14/		Not Supported	Routing-b	ased		
FD	ZOLTY REM GENERAL ALP SRV	1 MDO Analytical List Page for General Article Data	OLTY RE	M GENERAL ALP SRV	/11G14/		Not Supported	Routing-b	hose		
FP	ZOLTY REM PIR ALP SRV	1 MDQ Analytical Page for Article PIR Data		M PTR ALP SRV	/11G14/		Not Supported	Routing-b	ased		
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00	ODATA 00:00:00	Standard Mode		LOCAL Local Sy	stem Alias				v		
			4 1								4

- 2. Select the respective service (for all the listed services in Section: Activate ICF Nodes for OData services - Table1.
- 3. Click on "Add System Alias" button.

Control	Activate and Maintain Serv	ces								
Image: Service Details Processing Mode Bervice Details Processing Mode Bervice Details Pyre Technical Service Name Ver. Service Description Enternal Service Name Npp. OAuth Soft State Processing Mode Bevice Description Pref Service Description Enternal Service Name Npp. OAuth Soft State Processing Mode Processing Mode Service Description Enternal Service Name Npp. OAuth Soft State Processing Mode Processing Mode Service Description Enternal Service Name Npp. OAuth Soft State Processing Mode Processing Mode Service Description I Soft Oscillation Soft State Processing Mode Routing-based BEP 2000_CROCK ERM ALP Service I Soft State Not Cash Doct Service MDC ExPORT Service MDC ExpORT Service MDC ExPORT Service Not Cash Doct Service Service BEP 2000_CROCK ERM ALP Service I MDC RM Process Analytics MDC PROCESS Service Def Outrice Name Page for Article State Service Def Outrice Name Page for Article State Detail UTY Service Def Outrice Name Page for Article State Detail UTY Service Def Outrice Name Page for Article State Data UTY Ser										
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ICF Node ICF N	BEP ZOLTY REM PIR ALP SRV	1 MDQ Analytical Page for Article PIR Data	OLTY RFN	I PIR ALP SRV	/UGI4/		Not Supported	Routing-based		*
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	ODATA 00:00:00	Standard Mode		LOCAL Local	System Alias			✓		
										4.5
			4 1							4 1

4. Click on button on information pop-up.



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


hange View "Assign SAP System Aliases to OData Service": Overview								
New Entries 🗅 🗟 🖾 🕃 🖪 🖟								
Assign SAP System Aliases to OData Se	ervice							
Service Doc. Identifier	User Role	Host Name	SAP System Alias	Default System	Metadata Default	Tech. Svc. Name	Ext. Service Name	
ZMDC_EXPORT_SRVDRF_0017_00			LOCAL	✓		ZMDC_EXPORT_SRV_DRF_0017	MDC_EXPORT_SRVDRF_0017	*

6. Save your entries.

1 Note

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

Define Services				
Create Host/Service 🤣 📅 🔁 🚺 🗢 External Allases 🛛 🎇 🏁 Syst	tem Monitor Active 📲			
Filter Details				
Virtual Host				
ServiceName				
Description				
Lang. English Reference				
Apply Reset Ene-Tune				
	Desumatedias Defenses Casica			
VITUAI Hosts/Services	MD CMD Configure Curtern Objects			
M md_cmpconfcosi	MD CMP configure custom objects	Ţ.		
• @ md_cmpimpfiles1	MD CMP Import Master Data from file			
md cmpmansdats1	MD CMP Manage Source Data			
md cmpmonprocs1	MD CMP Monitor Process			
md_cmpprcbalps1	MD CMP Change Process Analysis for Busin			
 Image: Magenta mag Magenta magenta ma// // // // // // // // // // // // //	MD CMP Change Process Analysis for Product			
 Mmd_cmptrackchs1 	MD CMP Track Changes	_		
• 😡 ma_cnaprspi_msi	Service Price List (Rate Card Condition Mai			
O md_custmizings1	MDC Customizing			
 M _customerops1 	Customer Object Page CDS based			
M_ md_customers1	Customer Object Page			
 M md_dup_chk_s1 	Reuse Component for Potential Duplicate			
• 🕑 md_hry_mans1	Manage Hierarchies			
• M md_popovers1	Quick View PopOver Reuse for Master Dat			
• 1 md_product_ops1	Product Object Page			
• @ md_prod_mas_s1	UI TOF PRODUCT MASTER	•		
		4 F		

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



Define Service	es					
Create Host/Service	Create Host/Service 💖 📅 🤂 🗓 🔿 External Alases 🛛 🎊 🏁 System Monitor Active 📲					
Filter Details						
Virtual Host	Service Path					
ServiceName						
Description						
Lang.	English Reference					
P Apply	🐨 Reset 📔 Fine-Tune					
						-
Virtual Hosts/Services			Documentation	Reference Service		
• 🕥 ui5			UI5 namespace		-	
• 🕲 ui5_ui	15		SAPUI5 Application Handler SAPUI5 Applic		-	
• 🕲 sa	ap		sap Namespace for SAPUI5 Applications			
• 🕑 sc	entrus effetion		namespace			
• 🕑 ug • 🕅 ug	ainui02		namespace			
• 🕅	app		Approve RFM Master Data Request			
• @	D chg		Change Article Application			
- W	d mdc_mport		MDC Import Data for RFM			
· @	mdc_manage_src		MDC RFM Manage Source Data		23	
. 6	<pre>mdc_process_ext</pre>		MDG-RFM: MDC Process App Extenstion			
	2) mdc_rfm_cust		MDC Customize for Matching			
9 9	mac_rm_export		MDC RFM Export Application			
C mdc_rrm_prc_ani			MDC RFM Process Analytics			
mdc track chg			MDC REM Track Changes App Extension			
Mg_rfm_cr_alp			Change Request Analysis for Article		<u> </u>	
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			SAP			🕨 RQ8 (1) 100 🔻 ULABFMRQ8 INS 🔰 🔄 🔐

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 <u>2403527</u> 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

Display View "FLP Co	onfiguration": Overview	,
°≱ 🖪 🖪 🖪		
Dialog Structure	FLP Configuration	
FLP Configuration	FLP Property ID	Property Value
FLP Plugins	NAVIGATION_WDA_INPLACE	true
Display folder contents		The second secon

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

Define Serv	ices		
Create Host/Service	te 🍄 📅 🤂 🚺 🔿 External Aliase	is 🔲 🎉 🏴 System Monitor Active 📲	
Filter Details			
Virtual Host	Service Path		
ServiceName			
Description			
Lang.	English Reference		
Apply	Reset Eine-Ti	100	
P Apply			
Virtual Hosts/Service	es	Documentation	Reference Service
•	Myrequest	SLcM - Student Administration - My Reque.	•
•	Myrequests1	Admission Portal My Request	
•	Mytaskss1	My Tasks	
•	nutrgroup_mans1	Manage Nutrient Groups	
•	🕑 nutr_mans1	Manage Nutrients	
•	D nw_aif_ra_user	Configure Recipient Assignments for Users	
	🕲 nw_ana_bex_ao	Analysis Office	
	🕲 nw_aps_apj	Application Jobs	
	😨 nw_aps_apj_lib	NW Core Reuse Library for Application Job .	
	🕲 nw_aps_apj_mnt	Maintain Application Job Templates	
	🕅 nw_aps_apl	Application Logs	
	🔞 nw_aps_apl_lib	Application Logs Reuse Library	
	🕲 nw_aps_ato_3d	NW CORE FIORI UI Extensibility Item Depe.	
	nw_aps_ato_conf	NW Core Fiori UI Configure Software Pack.	
	D nw_aps_ato_exp	Extensibility Assembly	
	nw_aps_ato_imp	Software Collection Import UI	
	nw_aps_ato_lib	NW Core Fiori UI Software Collection Reus	
	~		4.5

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/iwfnd/maint_service

Act	Activate and Maintain Services									
💽 (🔁 Ref	후 Catalog 🔍 OAuth 🔍 Soft State)	er] 🔁 Add Service) 🔐 Delete Service) 🔚 Service Details 🖉 Processing Mode 🎠 Add to Transport	s 🔁 Load N	letadata 🔡 Error Log 🏪	Request Stat	tistics				
Serv	vice Catalog									
Туре	Technical Service Name	Ver Service Description	External S	ervice Name	Nsp.	OAut	Soft State	Processing Mode		
BEP	ZMDC PROC RFM ALP SRV	1 MDC RFM Process Analytics	MDC PRO	C RFM ALP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZMDC PROCESS SRV DRF 0017	1 RFM Odata MDC	MDC PRO	CESS SRV DRF 0017	/UGI4/		Inactive	Routing-based		Ψ.
BEP	ZMDC TRACK CHG SRV DRF 0017	1 MDC Track Changes RFM	MDC TRA	CK CHG SRV DRF 0017	/UGI4/		Not Supported	Routing-based		
BEP	ZOLTY RFM GENERAL ALP SRV	1 MDQ Analytical List Page for General Article Data	OLTY REP	GENERAL ALP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZOLTY RFM PLANT ALP SRV	1 MDQ Analytical List Page for Article Site Data	OLTY REP	I PLANT ALP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZOLTY RFM SALES ALP SRV	1 MDQ Analytical List Page of Article Sales Data	OLTY REP	A SALES ALP SRV	/UGI4/	Π	Not Supported	Routing-based		
BEP	ZMDG CR RFM ALP SRV	1 MDG RFM Change Request Analysis	MDG CR	RFM ALP SRV	/UGI4/	Π	Not Supported	Routing-based		
BEP	ZQLTY RFM PIR ALP SRV	1 MDQ Analytical Page for Article PIR Data	QLTY RFM	I PIR ALP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZMDG MDPROC RFM OVP SRV	1 MDG RFM Process Overview	MDG MDP	ROC RFM OVP SRV	/UGI4/	n	Not Supported	Routing-based		
BEP	/UGIOD02/RFM APP SRV	1 RFM Approve CR	RFM APP	SRV	/UGIOD0		Not Supported	Routing-based		
BEP	/UGIOD02/RFM SRV	1 MDG RFM - Article service	RFM SRV		/UGIOD0	n	Not Supported	Routing-based		
BEP	/UGIOD03/F4 HELPS SRV	1 MDG RFM/FMS Fiori APPS - F4 Helps	F4 HELPS	SRV	/UGIOD0	n	Not Supported	Routing-based		
BEP	/UGIOD03/FMS APP SRV	1 MDG FMS APPROVE CR	FMS APP	SRV	/UGIOD0	n	Not Supported	Routing-based		<u>^</u>
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ICF	Node al Call Browser A SAP Gate	way Client		Add System Alias	move System	Alias	Se Customizing	Service Implement	tation	
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ICF	Nodes			System Aliases						
Statu	is ICF Node Session Time-out S	Soft State Description		SAP System Alias Descrip	otion			Default	Metadata	User Role
000	ODATA 00:00:00	Standard Mode		LOCAL Local S	System Alias			✓		
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2. Add the service.

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Act	tivate and Maintain Services	5						
9	🛓 🖬 🟠 💽 🚛 🖡 🏹 Filte	er 🛛 🔂 Add Service 🕅 Delete Service 🔯 Service Detai	ls 🛃 Load Metadata 🔡 Error Log 🏭 I	Request Stat	istics]		
Ref	fresh Catalog 🔍 OAuth 🔌 Soft State 🖌	Process Add Service Add to Transport						
Serv	vice Catalog							
Туре	Technical Service Name	V Service Description	External Service Name	Nsp.	OAut_	Soft State	Processing Mode	
BEP a	ADT	1 Gateway service for ADT	ADT_SRV		1	Not Supported	Routing-based	*
BEP	/UGIOD07/AIW APPROVE SRV	1 AIW Approve Service	AIW APPROVE SRV	/UGIOD0		Not Supported	Routing-based	Ψ.
BEP	/UGIOD07/AIW SRV	1 UGI AIW	AIW SRV	/UGIOD0		Not Supported	Routing-based	-
REP	ZAPL LOG MANAGEMENT SRV	1 Application Log management	APL LOG MANAGEMENT SRV			Not Supported	Routing-based	

3. Enter the below details and click on Get services

Add Selected Services	Add Selected Services				
ể∂º Get Services	de Services				
Filter					
System Alias	LOCAL	Co-Deployed			
Technical Service Name	/UGI4/QLTY_RFM_GENERAL_ALP_SRV	Version			
External Service Name		External Mapping ID			
g 1 - 7 M (* 7. 6	Add Selected Services				
Select Backend Servic	es				
Type Technical Service Name	Ver Service Description		External Service Name	Namespace	

- 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



Act	Activate and Maintain Services									
G. ØRe	🕄 🛋 🕱 🧑 👘 🗈 🚛 🕞 FRer 😓 Add Service 🗊 Delete Service Detais (Daad Metadata) 🔛 Error Log 🗽 Request Statistics Refreeh Galaig 🐚 OAuth 🔍 Soft State 🖉 Processing Mode 😹 Add to Transport									
Sen	vice Catalog									
Type	Technical Service Name	Ver Service Description	External S	Service Name	Nsp.	OAut	Soft State	Processing Mode		
BEP	ZMDC TRACK CHG SRV DRF 0017	1 MDC Track Changes RFM	MDC TRA	CK CHG SRV DRF 0017	/UGI4/		Not Supported	Routing-based		-
BEP	ZMDG CR RFM ALP SRV	1 MDG RFM Change Request Analysis	MDG CR	RFM ALP SRV	/UGI4/		Not Supported	Routing-based		Ŧ
BEP	ZMDG MDPROC RFM OVP SRV	1 MDG RFM Process Overview	MDG MDF	PROC RFM OVP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZPAGE BUILDER CONF	1 Pagebuilder - Configuration level	PAGE BU	ILDER_CONF	/UI2/		Not Supported	Routing-based		
BEP	ZPAGE BUILDER CUST	1 Pagebuilder - Customizing level	PAGE BU	ILDER CUST	/UI2/		Not Supported	Routing-based		
BEP	ZPAGE BUILDER PERS	1 Pagebuilder - Personalization level	PAGE BU	ILDER PERS	/UI2/		Not Supported	Routing-based		
BEP	ZOLTY RFM GENERAL ALP SRV	1 MDQ Analytical List Page for General Article Data	QLTY RF	M GENERAL ALP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZOLTY RFM PIR ALP SRV	1 MDQ Analytical Page for Article PIR Data	QLTY RF	M PIR ALP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZQLTY RFM PLANT ALP SRV	1 MDQ Analytical List Page for Article Site Data	QLTY RF	M PLANT ALP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZQLTY RFM SALES ALP SRV	1 MDQ Analytical List Page of Article Sales Data	QLTY RF	M SALES ALP SRV	/UGI4/		Not Supported	Routing-based		
BEP	ZSMART BUSINESS DESIGNTIME S	1 SSB : Designtime Apps Services	SMART B	USINESS DESIGNTIME SRV	/SSB/		Not Supported	Routing-based	•	
BEP	ZSMART BUSINESS RUNTIME SRV	1 OData for Smart Business Runtime	SMART B	USINESS RUNTIME SRV	/SSB/		Not Supported	Routing-based		-
BEP	ZTRANSPORT	1 UI2: Transport Service	TRANSPO	IRT	/UI2/		Not Supported	Routing-based		÷
				1	-	_				
🖉 IC	F Node 🚽 🙆 Call Browser) 🕮 SAP Gate	way Client		Add System Alias	move Syste	m Alias	& Customizing	Service Impleme	ntation	
ICF	Nodes			System Aliases						
Stat	us ICF Node Session Time-out S	Soft State Description		SAP System Alias Descrip	otion			Default	Metadata User Role	
000	ODATA 00:00:00	Standard Mode								
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- 7. Activate these SAP standard services by following below steps:
- 8. SMART_BUSINESS_RUNTIME_SRV is the external service name

E Add Service Edit Goto Sys	tem <u>H</u> elp				
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Add Selected Services	Add Selected Services				
& ² Get Services					
Filter					
System Alias	LOCAL	Co-Deployed			
Technical Service Name		Version			
External Service Name	SMART_BUSINESS_RUNTIME_SRV	External Mapping ID			
	Add Selected Services				
Select Backend Service	Select Backend Services				
Type Technical Service Name	E Type Technical Service Name Ver Service Description External Service Name Namespace				
BEP /SSB/SMART BUSINESS R	BEP /SSB/SMART_BUSINESS_RUNTIME_SRV 1 OData for Smart Business Runtime SMART_BUSINESS_RUNTIME_SRV /SSB/				

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C			
	۵	C Add Service	x
66	r	Service	(<u></u>)
Fil	te	Technical Service Name	ZSMART_BUSINESS_RUNTIME_SRV
S	/s	Service Version	
T	ec	Description	ODATA FOR SMART BUSINESS KUNTIME
Đ	đ	External Service Name	SMART_BUSINESS_RUNTIME_SRV
		Namespace	/558/
		External Mapping ID	
		Excernal Data Source Type	
	ľ	Model	
E	1	Technical Model Name	ZSMART BUSINESS RUNTIME MDL
1	_	Model Version	1
		Creation Information	
		Package Assignment	\$TMP
	L		Local Object
		ICF Node	
		O Standard Mode	 None
	L	Set Current Client as Default Client i	n ICF Node
	4		
		OAuth enablement	
		Enable OAuth for Service	
	1		
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		Enable OAuth for Service	



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●							
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60	Service						
Tilte	Technical Service Name	2SMART_BUSINESS_RUNTIME_SRV					
FILE	Service Version	1					
Sys	Description	OData for Smart Business Runtime					
Tec	External Service Name	SMART_BUSINESS_RUNTIME_SRV					
EXL	Namespace	/SSB/					
	External Mapping ID						
	External Data Source Type	C					
B	Model Technical Model Name Model Version	ZSMART_BUSINESS_RUNTIME_MDL					
	Creation Information						
	Package Accompany	S_RUNTIME_SRV' was created					
	St.						
	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

Act	ivate and Maintain Services	5								
			Burde	tatata Bornatas B	De europh Che		h			
		er EGAdd Service Delete Service Service Details	S COAU M	etadata 🚘 Error Log 🏫	Request Sta	usues				
Ref	resh Catalog 🔯 OAuth 🔯 Soft State	Processing Mode 🔜 Add to Transport								
Serv	vice Catalog									
Type	Technical Service Name	V Service Description	External Se	rvice Name	NSD.	OAut	Soft State	Processing Mode		
EP	CA INFORMATION SRV	1 Information Management	CA INFORM	ATION SRV			Not Supported	Routing-based		
	/IWFND/SG MED CATALOG	1 Catalog Service	CATALOGS	ERVICE	/IWFND/		Not Supported	Routing-based		
	/IWFND/SG MED CATALOG	2 Catalog Service Version 2	CATALOGS	ERVICE	/IWFND/			Routing-based		
EP	ZCMD OLTY CONFIGN SCORE SRV	1 Configure Data Quality Score Calculation for Maste	CMD QLTY	CONFIGN SCORE SRV		ñ	Not Supported	Routing-based		
EP	ZCMD QLTY EVAL OVP SRV	1 Master Data Quality Overview	CMD QLTY	EVAL OVP SRV			Not Supported	Routing-based		
EP	ZCMD OLTY MINED RULE SRV	1 Manage MDQ Mined Rules	CMD QLTY	MINED RULE SRV		n	Not Supported	Routing-based		
EP	ZCMD QLTY RULE EXPORT SRV	1 Master Data Quality Rule Export	CMD QLTY	RULE EXPORT SRV			Not Supported	Routing-based		
EP	ZCMD OLTY RULE IMPORT SRV	1 Master Data Quality Rule Import	CMD QLTY	RULE IMPORT SRV		ō	Not Supported	Routing-based		
EP	ZCMD OLTY RULE MINING SRV	1 Manange MDQ Rule Mining Runs	CMD OLTY	RULE MINING SRV		n	Not Supported	Routing-based		
EP	ZCMD OLTY RULES SRV	1 Master Data Quality Rules	CMD QLTY	RULES SRV		n	Not Supported	Routing-based		
EP	E2EIE CFG MNGSOL SRV	1 ODATA Service for Manage Your Solution	E2EIE CFG	MNGSOL SRV			Not Supported	Routing-based		
EP	E2EIE CFG USAGE SRV	1 Portal ODATA Service for Manage Your Solution	E2EIE CFG	USAGE SRV		ō	Not Supported	Routing-based		
EP	ZEAM API EXT AIW	1 AIW External API for creating Change Request	EAM API E	XT AIW	/UGI7/		Not Supported	Routing-based		
	TELL INT DIT CONCLUMN	4 E - 1 2011	;		to over 1	_		a (C. 1. 1. 1.		
🧷 ICF	Node 🖌 😰 Call Browser 🕮 SAP Gate	way Client		Add System Alias	emove Syste	m Alias	Customizing	Service Impleme	entation	
CF	Nodes			System Aliases						
Statu	ICF Node Session Time-out S	Soft State Description		SAP System Alias Desc	ription			Default	Metadata	User Role
0.000	ODATA 00:00:00	Standard Mode		LOCAL	System Alas					

Activating Services in SICF

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



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Define Services	
Q I	
Filter for Calling ICF Hierarchy	
Hierarchy Type	SERVICE
Virtual Host	DEFAULT_HOST
Service Path	
Service Name	
Reference Service	
Description	
Language	English 🔻
Filter for Detail Information	
Created By	
Created On	to
Last Changed By	
Changed On	to

- 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	

_							
	☞ Service/Host Edit Goto Glent System Help						
	Define Services						
	Create Host/Service 69	📅 🔁 🗓 🔿 External Aliases	🔟 🏂 🏴 System Monitor Active 🛛 🚼				
Filter Details							
	Virtual Host DEF	AULT_HOST Service Path					
	ServiceName						
	Description						
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	Virtual Hosts/Services		Documentation				
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	• 🕅 sb	apps Display Service	: Business - Configure Drildown				
	• 🕅 sb	apps Delete Service	: Business - Create Evaluation				
	• 🕅 sb_	_apps Rename Service	: Business - Create KPI				
	• 🕲 sb_	apps Activate Service	y for Smart Business Modeler Apps				
	• @ sb_	apps Deactivate Service	Business - Configure Tiles				
	• 🕲 sco	grpTest Service	Rule Maintenance for Season Completeness Check				
	• 🕲 sco	sea References to Service	n Completeness Check				
	• 🕲 scr	n_cap Obi_Directory Entry	or Capacity Utilization				
	• 🕲 scr • 🕅 sd	hdl Out	TOT MKP - Keuse Component				
	• 🕅 sd	bdl Conv	le List Object Page				
		Dacto					
		F GOLC					







6. Follow similar steps for the other services

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Define Servi	ces			
Create Host/Service	 e %	External Aliases	s 🔲 💥 🍽 System Monitor Active 📑	
iltor Dotaik	.,			
Virtual Host	DEFAULT HOST	Service Path		
ServiceName		Service Fact		
Description				
Lang.	English	Reference		
🔽 Apply	😽 Reset	🔋 Fine-Tur	ne	
rtual Hosts/Service	s		Documentation	
•	md_qbpgenalps1		Evaluation Results for Business Partners	
Ē	md_qconfscores1		MD Configure Data Quality Score Calculation for Master Data	
:	M md_qconfscprds1		MD Configure Data Quality Score Calculation for Products	
	md_qc_prodomsi		Master Data Quality Evaluation Overview for Business Partner	
	md_qevlprdovps1		Master Data Quality Evaluation Overview for Products	
	md_qlprod_ovps1		Master Data Quality Overview Page for Product	
:	M md_ql_mngimps1		Manage Imports for Master Data Quality	
	S md_qmndrl a2		Manage Rules from Rule Mining for Product	
	Md_qmndrl_s1		Mined Rules	
	M md_qprdgenalps1		MDQ Rule Evaluation Result for Product General Data	
	md_qprdpitalps1		MDQ Rule Evaluation Result for Product Plant Data MD Quality Evaluation Result Product Sales	
	md_qrlmng_a1		Manage Master Data Rule Mining Runs for Business Partner	
<u>-</u>	md_qrlmng_a2		Manage Master Data Rule Mining Runs for Product	
·	1 md_qrlmng_s1		MD Quality Manage Rule Mining Runs	
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Iter Details Virtual Host ServiceName Description Lang. 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	DEFAULT_HOST English Image: Section of the section of	Service Path		
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ilter Details Virtual Host ServiceName Description Lang. Image: Construction Lang. Initual Hosts/Service Construction Cons	pEFAULT_BOST English	External Alases Service Path Reference Fine-Tur 2 1 2	System Montor Active Software System Software System	

- 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.



ABAP Edit	or: Init	ial Screer	7		
i i n 🖓 🗘	🏭 🚺 🛛	💼 🗈 🕪	langer Stranger Stran	😵 With Variant	🖆 Variants
Program	/UGI4/MD	Q_CREATE_SS	B_RECORD_RP	Create	
Subobjects					
 Source Code 					
○ Variants					
 Attributes 					
 Text element 	5				
ODocumentatio	on				
ରେଂ Display		Change)		

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.

Create Records of SSB	
()	
PTEST	
PTASK	

3. Required records are created.

WRITE Changes to TR successfull Report Completed

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
• 🗟 ゆ Create Change Request Type
• 🗟 🍄 Configure Properties of Change Request Step
 Form-based Change Requests
• 🗟 ゆ Define Priorities for Change Requests
• 🗟 🍄 Define Reasons for Change Requests
🔹 🗟 ゆ 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

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Dialog Structure	Type of Change Request						
Type of Change Request		Type of Cha. Request	Description (medium text)	FT			
Change Request Step		Type of eng. Request	Beschption (mediani cexc)				
		OG	Chart of Accounts (Object List Required)	-			
 Enhancements and Checks per Change Request Step 				-			
Entity Types per Change Request Step		AR01	Article Create	÷			
 Attributes per Change Request Step 		AR02	Article Change				
 User Interface per Change Request Step 		AROA	Article Mass Change				
		AR0B	Article Load DIF				

Change View "Change Request Step": Overview

Dialog Structure	Type of Chg.	. Request AR01	
Change Request Step	Change Re	equest Step	
 Entity Types per Change Request Step 	Step	Description (medium text)	
 Attributes per Change Request Step 	00	Processing	^
 User Interface per Change Request Step 	80	Approver	•
	90	Final Check	
	91	Activation	
	92	Revision	
	93	Validation	
	95	Revision Processing	
	99	Complete	



Change View "Enhancements and Checks pe	Change View "Enhancements and Checks per Change Request Step": Overvie												
Dalog Structure	Type of Chg. Request AR01 Chg.Req. Step 00 Enhancements and Checks per Change Re	quest Step											
 Attributes per Change Request Step 	Checks and Enrichment Spots	Sequence	Message Output	Relev	/ant	Execution							
 User Interface per Change Request Step 	Basic Check	v 0	Standard	•	v	Always executed	-						
	Authorization Check	v 0	Standard	-	\checkmark	Always executed	•						
	Duplicate Check	v 99	Standard	-	✓	Executed when data ch	1ai 🗄						
	Validation Rules (BRF+)	▼ 0	Standard	-	\checkmark	Always executed							
	BAdI Validations	v 0	Standard	-	\checkmark	Always executed							
	Existence Check	v 0	Standard	-	✓	Always executed							
	Reuse Area Check	v 0	Standard	-	v	Always executed							
	Validation Rules (Data Quality)	• 0	Standard	-		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	
&r 🥒 🗋 💼	
 ● Job Catalog Entry Name ○ Job Template Name 	ZUGI4_MDQ_MDC_SCHEDULE_EVA_RFM
िंग Display 🖉 Change	Create 📅 Delete

3. Select the button "Local object" in the pop up



bject	R3TR SAJC	ZUGI4_MDQ_MDC_SCHEDULE_E	VA_RFM
Attributes	1		
Package]	D
Person Re	sponsible		-
Original St	ystem		
Original la	nguage		
Created C	Dn		

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 N	MDC S	SCHEDULE	EVA	CHECK
-		_			

Application Joi	b Catalog Entry
a 🖓 🗛 🏠	
Header Section	ns Groups Parameters
Catalog Entry	ZUGI4_MDQ_MDC_SCHEDULE_EVA_RFM
Text	Data Quality Rule Evaluation for Articles
	Report Class Chain
Layer Code	Global
Object name	MDQ_MDC_SCHEDULE_EVA
Check Class	CL_MDQ_MDC_SCHEDULE_EVA_CHECK
Value Help	
Delete Exit	
Text Exit	
Notification Exit	
	Scoping relevant
	\square No application specific checks at design time
Spool Display	None
Spool Intent	
opoorintent	
Log Handling	
Log Message	



5. Navigate to "Parameters" tab and click on "Synchronize Parameters" button

Applica	tion Job Catalog E	ntry									
29 🚑 🆘	A 🍂										
Synchron	ize Parameters (Shift+F8)	Parameters									
			le (to ale a de all le idada as assesses								
E Param	eter Paramet	er	Grou	Po	Mandatory	Hidden	Read Only	Indent	Enabled by	Type Code	s

6. 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

Application Job Cata	log Entry										
🍽 🚑 🧐 🖧 l 🏠											
Header Sections Gr	roups Parameters										
	🛿 🔟 📕 🖬 Check/Uncheck all hidden p	arameters									
🚯 Parameter 🛛	Parameter	Group	Pos	Mandatory	Hidden	Read Only	Indent	Enabled by	1	ype Code	S
PV_BO E	Business Object Type	Ē	1	v	v				Ē		Ē
PV_DESC F	Process Description	Ē	2	v					Ē		۵
PV_TEMP F	Process Template	Ē	3	v					Ē.		Ē.

7. Enter the Search help name for the PV_TEMP as "MDC_PROCESS_TYPE_GOAL_Q" *Application Job Catalog Entry*

꿕 (▶ 通 沙 品 命													
	Header Sections Groups Parameters													
	④ 盖 〒 简 於 下, ● , 冊 fitcheck al hidden parameters													
勗	Parameter	Parameter	Group	Pos	Mandatory	Hidden	Read Only	Indent	Enabled by	Type Code	Search Help Name	BE call rec		
	PV_BO	Business Object Type	Ē	1 1	✓	<			8	ē				
	PV_DESC	Process Description	ē	1 2	✓				ē	ĩ				
	PV_TEMP	Process Template	Ē	1 3	<				Ē	ē	MDC_PROCESS_TYPE_GOAL_Q			

8. Click on Save button.

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A	ppi	lication Job Cat	alog Entry									
◎ 益 》 盖 I &												
	Header / Sections / Groups / Parameters											
	_											
	9		🏆 🔎 🔝 🔠 🖬 🔂 Check/Uncheck all hidden p	arameters								
E	B Pa	arameter	Parameter	Group	Pos	Mandatory	Hidden	Read Only	Indent	Enabled by	1	Type Code S
	P	V_DESC	Process Description		1 1	v					۵	ā 🛛
	P	V_TEMP	Process Template		1 2	v					Ð	ē M
	P١	V_BO	Business Object Type		1 3	v	v				۵	ā

3.5. Create Job Template for MDQ Evaluation Schedule

- 1. Go to transaction SAPJ
- 2. Enter the Job Template name as "ZUGI4_MDQ_MDC_SCH_EVA_DRF_0017" and click on create

Application Job Repository	/
& 🖉 🗅 💼	
 Job Catalog Entry Name ● Job Template Name 	ZUGI4_MDQ_MDC_SCH_EVA_DRF_0017 Create The output



3. Click on button "Local Object" in the pop up

🔄 Create C)bject Di	rectory	Entry					×
Object	R3TR S	SAJT Z	UGI4_N	IDQ_MDC	_SCH_EV	A_DRF_0	017	
Attributes								
Package				TMP				D
Person Res	sponsible		Ī					-
Original Sys	stem							
Original lan	guage		[
Created Or	n							
		_	Ę	Loca	l Object	🔊 Loc	k Overvie	w 🖪 🗙

4. 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

Application Job Template						
4 % A						
Name	ZUGI4_MDQ_MDC_SCH_EVA_DRF_0017					
Text	Data Qualty Rule Evaluation for Articles					
Job catalog entry	ZUGI4_MDQ_MDC_SCHEDULE_EVA_RFM					
Layer Code	Global					
	Technical Indicator					
Job periodic granularity	Single Run 🔹	Created by		Created on		00:00:00
Job periodic value	0	Last changed by		Last changed on	29.01.2020	12:36:52
g xdg. De	80 1700					
🚯 Parameter	Parameter	Sign		Option	Job Template Valu	e

5. Click on "insert row" button

Application Job Te	mplate			
4 % A				
Name	ZUGI4_MDQ_MDC_SCH_EVA_DRF_0017			
Text	Data Quality Rule Evaluation for Articles			
Job catalog entry	ZUGI4_MDQ_MDC_SCHEDULE_EVA_RFM			-
Layer Code	Global			
	Technical Indicator			
Job periodic granularity	Single Run 💌	Created by	Created on	00:00:00
Job periodic value	0	Last changed by	Last changed on	29.01.2020 12:36:52
	B B D 🚊 🖣 M 🕅 🔽 🕒 🔳			
B Parameter	Insert Row rameter	Sign	Option	Job Template Value



6. Select the parameter "Business Object Type" and enter the values

Application Job Te	mplate					
6 % A						
me	ZUGI4_MDQ_MDC_SCH_EVA_DRF_0017					
xt	Data Quality Rule Evaluation for Articles					
catalog entry	ZUGI4_MDQ_MDC_SCHEDULE_EVA_RFM					
yer Code	Global	•				
	Technical Indicator					
periodic granularity	Single Kun	•	Created by	Created on	00:00:00	
periodic value	0		Last changed by	Lasc changed on	29.01.2020 12.30.32	
	660 47007.6					
Parameter	Parameter		Sign	Option	Job Template Value	
	E		I	E EQ	Ē	
Rusinger Object Type						
Process Description						
Process Description Process Template						
Process Description Process Template						
Process Template						
Process Description Process Template						
Process Description Process Template						
Process Description Process Template						
Process Description Process Template						
Process Description Process Template						
Process Description Process Template						

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

Application Job Template						
4 % A						
Name	ZUGI4_MDQ_MDC_SCH_EVA_DRF_0017					
Text	Data Quality Rule Evaluation for Articles					
Job catalog entry	ZUGI4_MDQ_MDC_SCHEDULE_EVA_RFM					
Layer Code	Global					
Job periodic granularity	Single Run	Created by	Created on	00.00.00		
Job periodic granularity		Last shanged by		20 01 2020 12:25:52		
) BBD LTMM7. D.H					
B Parameter	Parameter	Sign	Option	Job Template Value		
Parameter PV_TEMP	Parameter	Sign	Option 집 EQ	Job Template Value		
Parameter PV_TEMP PV_DESC	Parameter Parameter Process Template Process Description	Sign I I	Option 필 EQ 필 EQ	Job Template Value a <mark>[UGL_RF_EVA]</mark> a Data Quality Evaluation for Articles		

8. Click on "Save" button

⊘ ▼ € ; @ @ @ : 章 前 前 : 和 和 和 和							
Application Job Template							
i 🌮 🖧							
Name	ZUGI4_MDQ_MDC_SCH_EVA_DRF_0017						
Text	Data Quality Rule Evaluation for Articles						
Job catalog entry	ZUGI4_MDQ_MDC_SCHEDULE_EVA_RFM						
Layer Code	Global						
	Technical Indicator						
Job periodic granularity	Single Run 🗸	Created by		Created on	00:00:00		
Job periodic value	0	Last changed by		Last changed on	29.01.2020 12:36:52		
g xdg. dr	80) 2700 2700						
Parameter	Parameter		Sign	Option	Job Template Value		
PV_TEMP	Process Template		I	I EQ	UGI_RF_EVA		
PV_DESC	Process Description		I	1 EQ	Data Quality Evaluation for Articles		
PV_BO	Business Object Type		I	I EQ	DRF_0017		



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.

1 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.



< SAP Import Data for Consoli	dation - Article 🔻			Q	8
Create Data Import					
Data Source					
*Source File:		Browse			
	Download File Templates				
*Source System:		ß	Import without Source System		
*Data Package:					
Import Settings					
If records are not importable					
	O Stop and Check				
	Skip and Continue				

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

1 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.

<	SAP	Manage Impo	orts for Consolidation	- Article 🔻					Q	8
Stan	dard 🗸			Q				Show Filter	Bar Fi	lters
	Imports	(200)						New Import Delet	e Import	
	Source	File	Source System	Data Package	User	Created On	Records	Import Status		
	RFM_A _CR_T	AR_Create_RMP emplate.xlsx	RFM_AR_CREATE_R MP_CR_TEMPLATE1	RFM_AR_CREATE_RM P_CR_TEMPLATE		11.11.2019, 12:49:	••• 4	Used in Consolidation	on >	
	RFM_4	R_Create_DA_T	Tan+1111070/7/	RFM_AR_CREATE_DA_		11 11 2010 11.42.4	••• Л	Head in Canaalidatio	· •	

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
Technical Catalog	/UGIRUI02/SAP_CMD_BC_AR_MONPROCS
TECHNICAL_PFCG_ROLE	/UGIRUI02/BCR_MDC_RFM
Semantic Object	MasterData
Action	Import
отс	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC IMPORT

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

OData Services

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

1 Note

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



	Teneer bard, Feneerly Foxible
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.

< SAP Create Consolidation Process - Articles *		۹	8
Description	Description		
Process Goal	~		
*Process Template	Select a template		
*Data Sources			
After the process is finished	 Delete Source Data Keep Source Data 		

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
отс	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC_PROCESS_EXT

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

OData Services

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

```
1 Note
```

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

OData Service	Version
/UGI4/MDC_PROCESS_SRVDRF_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_SRVDRF_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 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.

< Manage Consolidation Proc	esses - Articles 🔻					Q 8
Standard V					Show Filter Bar	Filters (1) Go
Processes (119)					Create Process Track C	hanges Delete
Process	Data Source	User	Creation Date	Status	Process Goal	Records
RFM_AR_CREATE_RMP_CR_TEMPLATE Process ID: 418	RFM_AR_CREATE		11 Nov	Completed	Consolidation of Source Records	4 >
RFM_AR_Create_DA_Template.xlsx Process ID: 416	Test298327983		11 Nov	Saved (Not Started)	Consolidation of Source Records	4 >
RFM_AR_Create_DA_Template.xlsx Process ID: 415	Test1111234478		11 Nov	In Process (Validation)	Consolidation of Source Records	4 >
RFM_AR_Create_DA_Template.xlsx Process ID: 414	Testinfheeru83273		11 Nov	In Process (Validation)	Consolidation of Source Records	4 >
RFM_AR_Create_DA_Template.xlsx Process ID: 413	Test23987283		11 Nov	Stopped for Review (Validation)	Consolidation of Source Records	4 >
RFM_AR_Create_DA_Template.xlsx Process ID: 412	Test5657578		11 Nov	Stopped for Review (Validation)	Consolidation of Source Records	4 >
RFM_AR_Create_DA_Template.xlsx Process ID: 411	Test27383333332		11 Nov	Stopped for Review (Validation (2))	Consolidation of Source Records	4 → ↓

Figure 4: MDC Article Fiori App – Consolidation Process



< SAP Consolidat	ion Process 🔻			Q 8
				^
Process ID: 418				
RFM_AR_CREATE_	RMP_CR_TEMPLA	TE		4 Records
Process Template: MDC: Load	Article Data			Completed
Process Goal: Consolidation of	Source Records			100%
Data Source: RFM_AR_CREATE	_RMP_CR_TEMPLATE1			
Validation II Activ	16 jau ration			
Step Messages		Results (Activation)	Sh	ow All Changes 🛞
0	7			Activation Target
U	Warninga			Direct Activation
Ellois	warnings		i i i i i i i i i i i i i i i i i i i	Cleansing Case
		New Single Records	4	Not Activated
			Continue Retry Rollback Save	Delete Show Audit Trail [/]

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
отс	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC_PROCESS_EXT

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



OData Services

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

1 Note

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

OData Service	Version
/UGI4/ MDC_PROCESS_SRVDRF_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_SRVDRF_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.

1 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 <u>Virus</u> <u>Scanning</u>.

Product Features

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

< SAP Start Mass Processing - Articles -		٩	8
Descriptio	: MDC: Change Article Master Data		
*Process Templat	: MDC: Change Article Master Data \sim		
Import Fil	: RFM_AR_Create_DA_Template.xlsx Browse		

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
отс	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC PROCESS EXT

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

OData Services

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

1 Note



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

OData Service	Version
/UGI4/ MDC_PROCESS_SRVDRF_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_SRVDRF_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.

utopia

					Perfect Data, Perfectly Possible
	< SAP Manage Mass Processes - A	Articles 🔻			٩ ۵
S	tandard 🗸				Show Filter Bar Filters (1) Go
	Processes (99)				Create Process Track Changes Delete
	Process	User	Creation Date	Status	Records
	SAP:Change Article Master Data Process ID: 394		08 Nov	Completed	2 >
	SAP:Change Article Master Data Process ID: 393		08 Nov	In Process (Activation)	2 >
	SAP:Change Article Master Data Process ID: 392		08 Nov	In Process (Activation)	2 >
	SAP:Change Article Master Data Process ID: 389		08 Nov	In Process (Activation)	2 >
	Process ID: 386		07 Nov	Saved (Not Started)	1 >
	SAP:Change Article Master Data Process ID: 384		07 Nov	Completed	2 >
	SAP:Change Article Master Data Process ID: 314		04 Nov	Completed	2 >

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
отс	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC PROCESS EXT

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



OData Services

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

1 Note

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

OData Service	Version
/UGI4/ MDC_PROCESS_SRVDRF_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_SRVDRF_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.

1 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.

< SAP Export Master Data - Article 🔻	٩ ٨
Define Scope	, ,
Select Specific Fields	
	Ъ
Select All Fields from All Tables	
Include Long Text Fields	
Select Article	
✓ Include	
equal to v Value	⊗ +
> Exclude	
Office Open XML (*.xlsx) Commenced CSU (#.xlsx)	
	Export

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
ОТС	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



PFCG role for Business	/UGIRUI02/BCR_MDC_RFM
Catalog	

OData Services

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

1 Note

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

OData Service	Version
/UGI4/MDC_EXPORT_SRVDRF_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		
OData Service (Version Number)	/UGI4/MDC_EXPORT_SRVDRF_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
SAP UI5 Application	/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.

1 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.

K SAP Track Mas	s Changes - Article 🔻				С	8
Standard * ✓ Changed On: dd.MM.yyyy - dd.MM.yy	Process ID:	Article:			Hide Filter Bar Filters	Go
Changed Records (90)					0	1 - ~
Article	Date	Time	Changed By	Process ID	Process Goal	
test article for rmp mdc MDCRMP_2	08.11.2019	11:42:41		394	Mass Processing	>
test article for rmp mdc MDCRMP_1	08.11.2019	11:42:41		394	Mass Processing	>
test article for rmp mdc MDCRMP_2	07.11.2019	18:00:28		384	Mass Processing	>
test article for rmp mdc MDCRMP_1	07.11.2019	18:00:28		384	Mass Processing	>
BACK BAG SA_100347	07.11.2019	17:52:51		383	Consolidation of Source Records	>
TOUR BAG SA_100346	07.11.2019	17:52:51		383	Consolidation of Source Records	>
GROCERY BAG	07.11.2019	17:52:51		383	Consolidation of Source	>

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
отс	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC_TRACK_CHG



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

OData Services

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

1 Note

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

OData Service	Version
/UGI4/MDC_TRACK_CHG_SRVDRF_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
OData Service (Version Number)	/UGI4/MDC_TRACK_CHG_SRVDRF_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
SAP UI5 Application	/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.
- 1 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.

Manage Source Data - Article 🔻			٩
Standard V Search Q		Show Filter Ba	ar Filters
Data Packages (69)		Import Data	a Delete
Source System/Data Package Last Import	Import Status		Records
RFM_AR_CREATE_RFM_CR_TEMPLA TE3 RFM_AR_CREATE_RFM_CR_TEMPLAT E	Used in Consolidation	A A A A A Consolidated Governed Blocked In Process	0 0 0 4
RFM_AR_CREATE_RFM_CR_TEMPLA TE2 RFM_AR_CREATE_RFM_CR_TEMPLAT E	Completed	4 Consolidated Governed Blocked In Process	4 0 0 0 0
RFM_AR_CREATE_RFM_CR_TEMPLA TE1 11.11.2010.15:18:22 RFM_AR_CREATE_RFM_CR_TEMPLAT by SPONNUSWAMY (SPONNUSWAMY)	Completed	New Consolidated Generat Biocked	4 0 0

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
отс	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC_MANAGE_SRC

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

OData Services

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

1 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

1 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.

<	Manage Match Configuration	s - Article 🔻		٩	8
	Match Configurations (1)			Add Configuration	
	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
отс	DRF_0017
SAPUI5 Application	/UGIRUI02/MDC_RFM_CUST

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

OData Services

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

1 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:

Import Data for	Master Data Pro-	Manage Consolida-			
Articles	Articles	Articles			
<u> </u>		E			
	isolidation Andres Manage	Source Data Articles Export	Master Data Articles Track Mass Changes Artic	cles Configure Matching Article	
Mass Processing for	or Article Data	Source Data Articles Export	Master Data Articles Track Mass Changes Arti	cles Configure Matching Article	
Mass Processing for Manage Mass Pro- cesses	or Article Data	Master Data Pro- cess Overview	Master Data Articles Track Mass Changes Arti	cles Configure Matching Article	
Mass Processing for Manage Mass Pro- cesses Articles	or Article Data Export Master Data Articles	Master Data Pro- cess Overview Articles	Master Data Articles Track Mass Changes Arti	Cles Configure Matching Article	
Mass Processing for Manage Mass Pro- cesses Articles	or Article Data Export Master Data Articles	Master Data Pro- cess Overview Articles	Master Data Articles Track Mass Changes Arti	cles Configure Matching Article	

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
- <u>Manage Imports for Consolidation Article</u>
- <u>Create Consolidation Process Article</u>
- 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
DB	Database
MDC	Master Data Consolidation and Mass Processing
MDQ	Master Data Quality
GW	Gateway
ICF	Internet Communication Framework
IDoc	Intermediate Document
MRO	Maintenance, Repair, and Overhaul
NW	NetWeaver
OData	Open Data Protocol
t-code	SAP Transaction Code
UI	User Interface