Oracle Financial Services Data Governance for US Regulatory Reporting

Installation Guide

Release 8.1.0.2.0

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ORACLE Financial Services



Oracle Financial Services Data Governance for US Regulatory Reporting

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Document Control

Version Number	Revision Date	Change Log
01	October 2021	Created the document with instructions for the installation of the Oracle Financial Services Data Governance for US Regulatory Reporting Release 8.1.0.2.0.

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1 Preface

This section provides supporting information for the Oracle Financial Services Data Governance for US Regulatory Reporting (OFS DGUSRR) Application Installation Guide.

You can find the latest copy of this document in the <u>OHC Documentation Library</u> which includes all the recent additions or revisions (if any) done to date.

Before you begin the installation, ensure that you have access to <u>Oracle Support</u> with the required login credentials to quickly notify us of any issues at any stage.

1.1 Audience

The OFS DGUSRR Installation Guide is intended for Administrators, Business Users, Strategists, Data Analysts, and Implementation Consultants who are responsible for installing and maintaining the Application Components.

This document assumes that you have experience installing Enterprise Components and basic knowledge of the following:

- Oracle Financial Services Data Governance for US Regulatory Reporting Application Components
- OFSAA Architecture
- UNIX Commands
- Database Concepts
- Web Server or Web Application Server

1.2 Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit <u>http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info</u>

Or visit <u>http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs</u> if you are hearing impaired.

1.3 Related Documents

We strive to keep this and all other related documents updated regularly; visit the <u>OHC</u> <u>Documentation Library</u> to download the latest version available there. The list of related documents is provided here.

- OHC Documentation Library for OFS Data Governance:
 - Oracle Financial Services Data Governance for US Regulatory Reporting User Guide Release
 - Oracle Financial Services Data Governance for US Regulatory Reporting Security Guide
 - Oracle Financial Services Data Governance for US Regulatory Reporting Cloning Guide
- OHC Documentation Library for OFS AAAI Application:

- OFS Advanced Analytical Applications Infrastructure (OFS AAAI) Application Installation and Configuration Guide
- OFS Analytical Applications Infrastructure User Guide
- OFS Analytical Applications Infrastructure Administration Guide
- Oracle Financial Services Analytical Applications Infrastructure Environment Check Utility Guide
- Additional documents:
 - OFSAA Licensing User Manual, Release 8.1.1.0.0
 - OFS DGUSRR Cloning Guide Release 8.0.x
 - OFS DGUSRR Cloning Guide Release 8.1.x
 - OFS Analytical Applications Infrastructure Security Guide
 - OFSAAI FAQ Document
 - OFS Analytical Applications 8.1.1.0.0 Technology Matrix
 - Oracle Financial Services Analytical Applications Infrastructure Cloning Guide

1.4 Conventions

The following text conventions are used in this document.

Table 1: Document Conventions

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action or terms defined in text or the glossary.
Italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
Monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, file names, text that appears on the screen, or text that you enter.
<u>Hyperlink</u>	Hyperlink type indicates the links to external websites and internal document links.

1.5 Abbreviations

The following table lists the abbreviations used in this document.

Table 2: Abbreviations

Abbreviation	Meaning		
AIX	Advanced Interactive executive		
DEFQ	Data Entry Forms and Queries		
DML	Data Manipulation Language		
EAR	Enterprise Archive		
EJB	Enterprise JavaBean		
ERM	Enterprise Resource Management		
FTP	File Transfer Protocol		
GUI	Graphical User Interface		
HTTPS	Hypertext Transfer Protocol Secure		
J2C	J2EE Connector		
J2EE	Java 2 Enterprise Edition		
JDBC	Java Database Connectivity		
JDK	Java Development Kit		
JNDI	Java Naming and Directory Interface		
JRE	Java Runtime Environment		
JVM	Java Virtual Machine		
LDAP	Lightweight Directory Access Protocol		
LHS	Left Hand Side		
MOS	My Oracle Support		
OFS	Oracle Financial Services		
OFSAAI	Oracle Financial Services Analytical Application Infrastructure OLAP		
OSDC	Oracle Software Delivery Cloud		
OS	Operating System		
RAM	Random Access Memory		
RDMS	Relational Database Management System		
SFTP	Secure File Transfer Protocol		
SID	System Identifier		
SSL	Secure Sockets Layer		
TNS	Transparent Network Substrate		
URL	Uniform Resource Locator		
VM	Virtual Machine		
Web Archive	WAR		
XML	Extensible Markup Language		

2 OFS DGUSRR Application Pack Release 8.1.0.2.0

2.1 **Prerequisites**

- Minimum patch set level must be OFS DGUSRR v8.1.0.1.0.
- OFS US Fed Regulatory Reporting Release v8.1.1.1.0 is a prerequisite for DG 8.1.0.2.0
- In case any OFSA Regulatory Reporting Release with a higher version (above v8.1.1.0) is installed then, execute the following queries in Config Schema and commit:

```
DELETE FROM installer fsapps scripts details
   WHERE
   v app id in
   ('OFS REG REP USFED','OFS REG REP USTR','OFS REG REP APME',
   'OFS AGILE RP USFED', 'OFS AGILE RP USTR')
       AND v file name IN ( 'pkg ki mapper.sql',
                              'SP THRESHOLD UPDATE.prc',
                              'PKG DGS KI GRP ASSESSMENT.pck',
                              'SP KI CONFIGURATION.prc',
                              'dgs FSI DGS DE DRIVING TABLE.sql',
                              'SP POPULATE FCT KRI DEF TEMP 1.sql',
                              'SP INVALID MDRMS DELETE.sql',
                              'DG80934 config inserts.sql',
                              'DG80934 atomic create.sql',
                              'DG80935 atomic create.sql',
                              'pkg mdrm mapper.sql',
   'con DE insert fsi cell bireport map.sql' )
       AND v app version = '8.1.1.1.0';
   DELETE FROM installer fsapps scripts details
   WHERE
           v app id in
   ('OFS_REG_REP_USFED', 'OFS_REG_REP_USTR', 'OFS_REG_REP_APME',
   'OFS AGILE RP USFED', 'OFS AGILE RP USTR')
      AND v file name IN (
   'SP_KI_CONFIGURATION.prc', 'SP_THRESHOLD_UPDATE.prc')
       AND v_app_version = '8.1.1.0.0';
           See the OFS Analytical Applications Technology Matrix for the
NOTE
           Hardware and Software Requirements.
```

2.2 Installing this Release

To install this release, follow these steps:

- 1. Log in to My Oracle Support, and search ID 33477534 under the Patches and Updates Tab.
- 2. Download the OFS_DG_8.1.0.2.0_GENERIC.zip archive file and copy it to your OFSAA server in Binary Mode.
- **3.** Shut down all the OFSAAI Services. For more information, see the Stopping Infrastructure Services section in the <u>Oracle Financial</u> <u>Services Data Governance for US Regulatory Reporting Installation Guide 8.1.0.0.0</u>.
- 4. Log in to <u>My Oracle Support</u>, search for the **33663417** Mandatory Patch in the **Patches & Updates** Tab and download it.

ATTENTION On the 10th of December 2021, Oracle released Security Alert CVE-2021-44228 in response to the disclosure of a new vulnerability affecting Apache Log4J prior to version 2.15. The application of the **33663417** Mandatory Patch fixes the issue.

For details, see the My Oracle Support Doc ID 2827801.1.

- 5. Login to the OFSAA Server with the user credentials that were used to install OFS DG.
- 6. Extract the contents of the patch archive file using the command:

unzip -a <name of the file to be extracted>

For example: unzip -a OFS_DG_8.1.0.2.0_GENERIC.zip

NOTE If you notice an error message "unzip: not found [No such file or directory" before the package is installed, contact your UNIX Administrator.

- 7. If you already have an unzip utility installed, skip to the next step. If you do not have an unzip utility, download the unzip utility (OS-specific), and copy it in **Binary** Mode to the directory that is included in your PATH variable, typically **\$HOME** Path or the directory in which you have copied the v8.1.0.2.0 ML installer.
 - Give EXECUTE permission to the file using the following command:

```
chmod 755 appsLibConfig OFS DGS DataModel
```

- 8. Modify the params.conf file present in the appsLibConfig/conf directory and update the following parameters using the instructions given in the params.conf file.
- 9. In the params.conf file, update the value in the UPLOAD_MODEL parameter to 0.
- **10.** Give EXECUTE permission to the installer file. Navigate to the OFS_DGS/bin directory and execute the following command:

chmod -R 755 setup.sh

11. Execute the following software upgrade command:

```
./setup.sh SILENT
```

Verify that the maintenance level release is applied successfully by checking the following log files generated in the installation folder:

- OFS_DGS/logs/OFS_DGS_installation.log for the Oracle Financial Services Data Governance for US Regulatory Reporting installation log file.
- **12.** You can ignore the following errors in the log files:
 - ORA-00001

If there are other errors, contact My Oracle Support.

- **13.** After successful installation, follow these steps:
 - **a.** Clear the application cache. Navigate to the following directories depending on the Configured Web Application Server and delete the following files:
 - i. Tomcat: <Tomcat installation location>/work/Catalina/localhost/<Application Name>/org/apache/jsp
 - ii. WebLogic: <WebLogic installation location>/domains/<Domain name>/servers/<Server name>/tmp/_WL_user/<Application name>/<auto generated folder>/jsp servlet
- **14.** Delete the existing EAR or WAR file present in the **\$FIC** HOME/ficweb directory.
- 15. Apply the 33663417 Mandatory Patch.

See the Readme that is packaged with the patch for further instructions on how to install and apply it.

16. Generate the application EAR or WAR file and redeploy the application on your Configured Web Application Server.

For more information on generating and deploying the EAR or WAR file, see the *Post Installation Configuration* Section in the <u>Oracle Financial Services Data Governance for US</u> <u>Regulatory Reporting Installation and Configuration Guide</u>.

17. After the successful installation of the release, restart all OFSAAI Services.

For more information, see the *Starting or Stopping Infrastructure Services* Section in <u>Oracle</u> <u>Financial Services Data Governance for US Regulatory Reporting Installation and Configuration</u> <u>Guide</u>.

18. Copy the following files from Kit Path to the Deployed Path:

Tomcat

From Kit Path:

```
<kit path>/OFS_DGS/bin/ficweb/webroot/WEB-INF/lib/dgs-ki.jar
```

```
<kit path>/OFS_DGS/bin/ficweb/webroot/kiconfig/dgshome.jsp
```

```
<kit path>/OFS_DGS/bin/ficweb/webroot/kiconfig/js/dgshome.js
```

To Deploy Path:

```
<>/apache-tomcat-8.0.42/webapps/<context>/WEB-INF/lib/dgs-ki.jar
```

```
<>/apache-tomcat-8.0.42/webapps/<context>/kiconfig/dgshome.jsp
```

<>/apache-tomcat-8.0.42/webapps/<context>/kiconfig/js/dgshome.js

Weblogic

From Kit Path:

<kit path>/OFS_DGS/bin/ficweb/webroot/WEB-INF/lib/dgs-ki.jar <kit path>/OFS_DGS/bin/ficweb/webroot/kiconfig/dgshome.jsp <kit path>/OFS_DGS/bin/ficweb/webroot/kiconfig/js/dgshome.js

To Deploy Path:

```
/scratch/<web server
user>/Middleware/Oracle_Home/user_projects/domains/<domain-
name>/applications/<context-name.ear>/<context-name.war>/WEB-
INF/lib/dgs-ki.jar
```

```
/scratch/<web server
user>/Middleware/Oracle_Home/user_projects/domains/<domain-
name>/applications/context-name.ear>/<context-
name.war/kiconfig/dgshome.jsp
```

```
/scratch/<web server
user>/Middleware/Oracle_Home/user_projects/domains/<domain-
name>/applications/context-name.ear>/<context-name.war
/kiconfig/js/dgshome.js
```

2.3 Post Installation Configuration

On successful installation of the Oracle Financial Services Data Governance for US Regulatory Reporting, follow these Post-Installation Configuration steps.

2.3.1 Map the Application DG User (or Users) to User Group

User *UserGroup Map* facilitates you to map a user (or users) to a specific user group that in turn is mapped to a specific Information Domain and role. Every user group mapped to the Information Domain needs to be authorized, otherwise, it cannot be mapped to users.

User **UserGroup Map** screen displays details such as User ID, Name, and the corresponding Mapped Groups. You can view and modify the existing mappings within the **User UserGroup Maintenance** screen.

Starting with the OFSAA 8.1 release, with the installation of the OFS DGUSRR Application, preconfigured Application user groups are seeded. These user groups are unique to every OFSAA Application and have application roles pre-configured.

You can access the **User UserGroup Map** by expanding the **Identity Management** pane within the tree structure of the LHS menu.

After the user is created for Data Governance for different jurisdictions, it must be mapped to the required user groups as per their roles:

• Process Monitoring Module: DGSPLANSCOPE, DGSPSI, DGPMVIEWGRP

Create application-specific users and map them to the respective user groups available in the application. Create a group, map the following roles, and assign them to the user.

NOTE Ensure to create a group in User Group Maintenance to map the roles. The group created must be mapped to the created user.

Ensure the domains in the User Domains Map must be mapped to the created group.

Table 3: DG User Group Map

V_Role_code	V_role_name	V_role_desc	
MDBACCESS	MDB Access	Metadata Browser Access	
MDBREAD	MDB Read	Metadata Browser Read- Only	
MDBWRITE	MDB Write	Metadata Browser Write	
INBOXACC	Inbox Access	Inbox Access	
LINEAGE	LINEAGE	Role Code For LINEAGE	
ACTNANLST	Action analyst	Privilege To Manage Action And Create Or Delete An Adjustment	
ISSUEADMN	lssue admin	Privilege To Create And Close Issues	
ISSUEANLST	lssue analyst	Manage Issues And Create Action For The Issues	
MDRGENXML	DGS MDR Generate XML	MDR Generate Xml	
CTLVIEWR	Control viewer	Control Viewer Role	
ISSASR	lssue Owner	lssue Owner	
MDREDIT	DGS MDR Edit	MDR Edit	
MDRADD	DGS MDR Add	MDR Add	
ACTASR	Action Assessor	Action Assessor	
CDEVIEWR	Critical Data Elements	Critical Data Elements Viewer Role	
MDRDWNLD	DGS MDR Download	MDR Download	
ACTVIEWER	Action Viewer	Action Viewer	
MDRDELETE	DGS MDR Delete	MDR Delete	
DGADMINR	DG Administration DG Administration Rol		
BTVIEWR	Business terms viewer	Business Terms Viewer Role	
DGSADMINRL	DGS Administrator	DGS Administrator Role	
MDRGEN	DGS MDR Generate MDR Generate		
ISSAPR	Issue Creator	lssue Creator	

V_Role_code	V_role_name	V_role_desc	
ADJCREATOR	Adjustment Creator	Adjustment Creator Role	
ADJAPPROVE	Adjustment Approver	Adjustment Approver Role	
BTADDR	Business terms add	Business Terms Add Role	
BTDELETER	Business terms delete	Business Terms Delete Role	
BTEDITR	Business terms edit	Business Terms Edit Role	
BTVIEWR	Business terms viewer	Business Terms Viewer Role	
BTAPPREJR	BT Approve Reject role	Business Term Approve Reject Role	
CDEADDR	CDE Add role	Critical Data Element Add Role	
CDEDELETER	CDE Delete role	Critical Data Element Delete Role	
CDEEDITR	CDE Edit role	Critical Data Element Edit Role	
CDEAPPREJR	CDE Approve Reject role	Critical Data Element Approve Reject Role	
PLANMONR	Plan Monitoring role	ing role Plan Monitoring Role	

2.3.2 Merging Key Indicators

To merge the Key Indicators, follow these steps:

- 1. From the Financial Services Data Foundation Window navigate to Operations and select Batch Execution.
- 2. Execute the Batch Name as MERGE_FCT_KRI_DEF.

This batch is used to merge the variance and edit checks into the Key Indicators.

3. Enter the current system date as the **MISDATE** for this batch.

Figure 1: Batch Execution

POST INSTALLATION CONFIGURATION

	CLE' Financial Services Data Governance for US Regulatory Reporting		🌐 💩 🔝 US-	English 🔻 OFSAD 🔻 🔏 🖁
Batch Execution				0
∨ Batch Mode				
	Mode			
∨ Search				Q. Search "D. Reset
	Batch ID Like DGSINFO_merge	Batch D	Description Like	
	Module	Last Mo	odification Date Between And	*
~ Batch Details	I Schedule Batch			
Batch ID 🔺		Batch Description		
DGSINFO_M	ERGE_FCT_KRI_DEF	Merging variance and Edit ch	necks data into KI Tables	
	1-1 of 1 items) K < > > >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>			Records Per Page 15
Task ID A	Task Description Metadata Value	Component ID	Precedence	Task Status
Task1	Merging variance and Edit checks data into KI Tables	TRANSFORM DATA	START	N
	1 of1 items) K < > ≫			Records Per Page 15
✓ Information Date	e Date			
		Execute Batch		

2.3.3 Updating Measures for Key Indicators

To update Measures for Key Indicators, follow these steps:

- 1. From the Financial Services Data Foundation Window navigate to **Operations and select Batch Execution.**
- Run the batch ##INFODOM##_FCT_KRI_DEF_UPDATE on Sysdate. This batch is used to update the measure name, map key, and measure key for the Key Indicators available in the system.
- 3. Enter the current system date as the **MISDATE** for this batch.

Figure 2: Batch Execution

=		CLE' Financial	Services Data Governance for US Regulatory Rep		🔲 🛛 US	5-English v DGSUSER v	
	DGSINFO_FCT	GLOBAL_THLD_BREACH	н	T2T_FCT_GLOBAL_THR	ESHOLD_BREACH		
	DGSINFO_FCT	KRI_DEF_UPDATE		Updating Formula, Acti	ual Formual for fct kri def		
	DGSINFO_FCT	PLAN_TASK_EXEC		This batch moves data	to reporting plan fact table for Process Monitor	ing	
	DGSINFO_FCT	RECON_ADJUSTMENTS	5	T2T Transformation to	load data to FACT table for Adjustment Entries		
	DGSINFO_FCT	RECON_CORRECTIONS	5	T2T Transformation to	load data to FACT table for Correction Entries		
	DGSINFO_FCT	RECON_OUTPUT		T2T_FCT_RECON_OUTP	UT		
	DGSINFO_FCT	_RECON_RULE_DIMENS	ION	T2T_FCT_RECON_RULE	DIMENSION_MAPS		
	DGSINFO_FCT	_RR_CTL_MAP		This batch loads the tal	ble fct_rr_ctl_map.		
	DGSINFO_FCT	_RR_KI_MAP		This batch loads the tal	ble fct_rr_ki_map.		
Pag ~ Tas		9 of 9 items) K < > : Exclude/Include @ Hol				Records Per Page 1	15
Task II	D A	Task Description	Metadata Value	Component ID	Precedence	Task Status	
Task1		Updating Formula, Actual Formual for fct kri def	FN_FCT_KRI_DEF_UPDATE	TRANSFORM DATA		N	
Page ~Info	1 of 1 (1-1	of 1 items) K < > >				Records Per Page 1	15
		Date 12/1	4/2018 📋				
				Execute Batch			

2.3.4 Updating MDRM Work Cell to Non-work MDRM

To update MDRM Work cell to Non-work MDRM, follow these steps:

1. From the Financial Services Data Foundation Window navigate to **Operations and select Batch Execution.**

- 2. Run the batch **##INFODOM##_DGS_KI_MDRM_UPDATE** on Sysdate. This batch is used to update the MDRM work cell to non-work MDRM.
- 3. Enter the Current System Date as the **MISDATE** for this batch.

Figure 3: Batch Execution

	CLE [®] Financial	Services Data Governance for US R	egulatory Reporting		(ii) 4	US-English	V OFSAD V 🕺 🖸
Batch Execution ~ Batch Mode							0
~ Search	Mode	● Run ○ Restart ○ Rerun					Q Search "D Reset
	Batch ID Like	DGSINFO_DGS_KI_MDRM_UPDATE		Batch De	escription Like		
~Batch Details	Module	~		Last Mod	lification Date Between	And And	<u> </u>
Batch ID A	Schedule Batch			D.1.D. 1.F			
	_KI_MDRM_UPDATE			Batch Description Converting work mdrm to	o non work mdrm		
Page 1 of 1 (1-	1 of 1 items) K < > >			converting work manner			Records Per Page 15
Task ID ▲	Task Description	Metadata Value		Component ID	Precedence		Task Status
Task1	Loading work mdrm			TRANSFORM DATA	START		N
Task2	Converting work md to non-work mdrm	Irm FN_MDRM_UPDATE		TRANSFORM DATA	Task1		N
Page 1 of 1 (1-2	of 2 items) K < > >						Records Per Page 15
	Date	**					
				Execute Batch			

2.3.5 Key Indicator Configuration

From the Financial Services Data Foundation Window navigate to **Operations** and select **Batch Execution**. Run the batch **##INFODOM##_KI_CONFIGURATION**. This batch is used to update the Actual Formula for the Key Indicator. This batch generates the report, schedule, and cells required for Key Indicator assessment configurations.

From the **Financial Services Data Governance for the US, Regulatory Reporting** Window navigate to **Administration** and select **Key Indicator Assessment Configuration**. Here, you can select and configure the report, schedule, and cell combinations.

For more information on Key Indicator Assessment Configurations, see the *Defining the Key Indicators for Monitoring* Section in the <u>OFS DGS US Regulatory Reporting 8.1.0.0.0 User Guide</u>.

Figure 4: Batch Execution

OR	ACLE [®] Financial	Services Data Governance for	US Regulatory Re	porting		🔲 🕹 🖪	US-English 🔻	OFSAD 🔻	*
Batch Execution	n								0
~Batch Mode									
	Mode 🔘	Run 🔿 Restart 🔿 Rerun							
~ Search								Q. Search "그 R	leset
	Batch ID Like FSD	FINFO_KI_conf		Batch	Description Like				
	Module		~	Last N	Aodification Date	Between	🗂 And	Ċ	1
~Batch Details	Schedule Batch								
Batch ID 🔺				Batch Description					
FSDFINFO_K	(I_CONFIGURATION			Inserting data into	KI Configuration	Tables			
	(1-1 of 1 items) K < > ⇒							Records Per Page	15
ask ID ▲	Task Description	Metadata Value		Component ID	Precedence	e		Task Status	
ask1	Inserting data into KI Configuration Tables	FN_KI_CONFIGURATION		TRANSFORM DATA	START			N	
Page 1 of 1 (1	-1 of 1 items) K < > >							Records Per Page	15
Information Da	ate								
	Date 10/04	/2019							

2.3.6 Changing Batch Ownership for Key Indicator and Account Mapper Batch

All the seeded batches are created with SYSADMN as the owner by default. This needs to be updated with the username of the user who is responsible for the maintenance of the batches. This can be done by executing the below procedure in the Config Schema:

begin

```
AAI_OBJECT_ADMIN.TRANSFER_BATCH_OWNERSHIP('fromUser','toUser','infodom;
end;
OR
begin
AAI_OBJECT_ADMIN.TRANSFER_BATCH_OWNERSHIP('fromuser','touser');
end;
```

where "FromUser" indicates the user who currently owns the batch and "toUser" indicates the user to which ownership needs to be transferred. "Infodom" is an optional parameter.

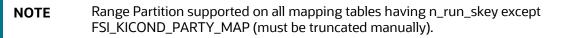
2.3.7 Range Partition on Account Mapper Tables

Before running Account Mapper Insert batch ensure range partition is defined on n_run_skey column for the below listed mapper tables. This enables the truncation of data while performing the re execution of the Account Mapper batch for the same RunSkey. In case no range partition is defined all mapper tables must be truncated manually before re executions.

The list of mapper tables are as follows:

- FSI_KI_REG_FUND_LEND_EXP_MAP
- FSI_KICOND_ACCNT_WRITEOFF_MAP
- FSI_KICOND_PARTY_MAP

- FSI_KICOND_CUSTOMER_MAP
- FSI_KICOND_ACCNT_PARTY_MAP
- FSI_KICOND_CREDIT_PARTCPN_DTLS
- FSI_KICOND_REPLINE_MAP
- FSI KICOND ACCNT MAP
- FSI_KICOND_ACCNT_RECOVERY_MAP
- FSI_KICOND_REG_LOANS_SERVICED



Create Issue Link to Open in Supported Browsers in OBIEE 2.3.8

To create an issue link to open in supported browsers from Variance Analysis Dashboard, perform the following steps:

- 1. Update the web.xml with the following tag.
 - Go to the path where web.xml is available, and then add the following section with the DG application URL and the OBIEE URL.

```
<filter>
```

```
<filter-name>FilterServlet</filter-name>
```

```
<filter-class>com.iflex.fic.filters.FilterServlet</filter-class>
```

<init-param>

<param-name>AllowHosts</param-name>

<param-value>http:// ##OFS AAI##/ ##OBIEE URL##/</param-</pre>

value>

</init-param>

</filter>

2. After updating, restart the servers for the change to be reflected.

Performance-Related Configuration Details on Account Mapper 2.3.9 **Batch**

Parallel Hint for guery optimization in KI Mapper can be made configurable by setting up N_LOOKUP_VALUE in FSI_DGS_CONFIGURATION against the following column values(V_MODULE_NAME='MAPPER', V_LOOKUP_CODE='PARALLEL_HINT'). The default value set for parallel hint is /*+ PARALLEL (4)*/.

V_MODULE_NAME	V_LOOKUP_CODE	N_LOOKUP_VALUE	V_LOOKUP_CODE_DESC
MAPPER	PARALLEL_HINT	/*+ PARALLEL(4)*/	Parallel hint for query optimization for KI Mapper.

 Parallel Hint for Gather Stats optimization in KI Mapper can be made configurable by setting up N_LOOKUP_VALUE in FSI_DGS_CONFIGURATION against the following column values(V_MODULE_NAME='MAPPER',

V_LOOKUP_CODE='GATHER_STATS_PARALLEL_HINT'). The default value set for the parallel hint is 8.

V_MODULE_NAME	V_LOOKUP_CODE	N_LOOKUP_VALUE	V_LOOKUP_CODE_DESC
MAPPER	GATHER_STATS_PARALLEL_HINT	8	Parallel hint for Gather Stats optimization for KI Mapper

 Parallel configs for KI Mapper can be made configurable by setting up N_LOOKUP_VALUE in FSI_DGS_CONFIGURATION against the following column values (V_MODULE_NAME='MAPPER', _LOOKUP_CODE= ENABLE_PARALLEL_CONFIGS). The default value is set as 'N'.

V_MODULE_NAME	V_LOOKUP_CODE	N_LOOKUP_VALUE	V_LOOKUP_CODE_DESC
MAPPER	ENABLE_PARALLEL_CONF IGS	Ν	Enable Parallel Configurations

 Enable Alter session force parallel for KI Mapper can be made configurable by setting up N_LOOKUP_VALUE in FSI_DGS_CONFIGURATION against the following column values(V_MODULE_NAME='MAPPER', _LOOKUP_CODE= Enable STAR_TRANSFORMATION, Enable Parallel DML, Enable Parallel Query). The default value is set as '4' for Enable Parallel DML and Enable Parallel Query, the user can set it to any parallels like 4,8,16...

V_MODULE_NAME	V_LOOKUP_CODE	N_LOOKUP_VALUE	V_LOOKUP_CODE_DESC
MAPPER	DGS_STMT_1	ALTER SESSION SET STAR_TRANSFORMA TION_ENABLED=TR UE	Enable STAR_TRANSFORMATIO N
MAPPER	DGS_STMT_2	ALTER SESSION FORCE PARALLEL DML PARALLEL 4	Enable Parallel DML
MAPPER	DGS_STMT_3	ALTER SESSION FORCE PARALLEL QUERY PARALLEL 4	Enable Parallel Query

 Truncate partition for KI Mapper can be made configurable by setting up N_LOOKUP_VALUE in FSI_DGS_CONFIGURATION against the following column values(V_MODULE_NAME='MAPPER', _LOOKUP_CODE= TRUNCATE_PARTITION_FLAG, TRUNCATE_SUBPARTITION_FLAG). The default value is set as 'Y' for TRUNCATE_PARTITION_FLAG and Y for TRUNCATE_SUBPARTITION_FLAG.

V_MODULE_NAME	V_LOOKUP_CODE	N_LOOKUP_VALUE	V_LOOKUP_CODE_DESC
MAPPER	TRUNCATE_PARTITION_F LAG	Υ	Flag to truncate run skey wise partition
MAPPER	TRUNCATE_SUBPARTITIO N_FLAG	Y	Flag to truncate run skey wise sub-partition

 Parallel groups for KI Assessment can be made configurable by setting up N_LOOKUP_VALUE in FSI_DGS_CONFIGURATION against the following column values(V_MODULE_NAME=KI, _LOOKUP_CODE= ASSMT_PARALLEL_GROUP). The default value is set as '14'.

V_MODULE_NAME	V_LOOKUP_CODE	N_LOOKUP_VALUE	V_LOOKUP_CODE_DESC
КІ	ASSMT_PARALLEL_GROU P	14	Parallel Group number for KI Assessment

NOTE	All the mapper tables like FSI_KICOND_ACCNT_MAP, FSI_KICOND_REPLINE_MAP,FSI_KICOND_ACCNT_WRITEOFF_MAP,
	FSI_KICOND_ACCNT_RECOVERY_MAP,FSI_KI_REG_FUND_LEND_EXP_MAP,
	and FSI_KICOND_PARTY_MAP are created out of the box as a non- partitioned table with index, if later they are converted into a Partitioned
	table then the associate Index should also be recreated as a Local index else
	Truncate Reload partition will make the index as unstable.

2.3.10 Rerun Account Mapper Batch

Truncate Partition and Sub Partition flags are enabled to rerun the account mapper batch.

TRUNCATE_PARTITION_FLAG must be marked as Y when RUN_SKEY wise partition is used.

TRUNCATE_SUBPARTITION_FLAG must be marked as Y when truncate run skey wise sub-partition is used.

V_MODULE_NAME	V_LOOKUP_CODE	N_LOOKUP_VALUE	V_LOOKUP_CODE_DESC
MAPPER	TRUNCATE_PARTITION_FLAG	Y	Flag to truncate run skey wise partition
MAPPER	TRUNCATE_SUBPARTITION_FLAG	Υ	Flag to truncate run skey wise sub-partition

NOTE Before rerunning the mapper for the Run Skey, MISDATE, and ENTITY Skey, if RUNSKEY level partitioning and sub partitioning are not defined, the records in the following tables must be manually truncated for the same Run Skey, MISDATE, and ENTITY Skey.

- FSI_KI_REG_FUND_LEND_EXP_MAP
- FSI_KICOND_ACCNT_WRITEOFF_MAP
- FSI_KICOND_PARTY_MAP
- FSI_KICOND_CUSTOMER_MAP
- FSI_KICOND_ACCNT_PARTY_MAP
- FSI_KICOND_CREDIT_PARTCPN_DTLS
- FSI_KICOND_REPLINE_MAP
- FSI_KICOND_ACCNT_MAP
- FSI_KICOND_ACCNT_RECOVERY_MAP
- FSI_KICOND_REG_LOANS_SERVICE

2.3.11 OBIEE Configuration and Deployments

The following OBIEE Configuration files must be updated to change the user's preferred currency:

- **1.** Login to the OBIEE Server.
- 2. Copy the DGS.catalog and DGS.rpd files from the <FIC_HOME>/DGSBI directory to your local machine and redeploy the DGS.catalog and DGS.rpd files.

2.3.12 Run Chart for Batch Executions

For Batch Executions, see the DGS US Regulatory Reporting Run Chart.

OFSAA Support

Raise a Service Request (SR) in <u>My Oracle Support (MOS)</u> for queries related to the OFSAA Applications.

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- Is the information clearly presented?
- Do you need more information? If so, where?
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