

**Oracle Financial Services Data  
Governance for European Central  
Reporting**

**Installation and Configuration Guide**

**Release 8.1.2.0.0**

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Financial Services

## Oracle Financial Services Data Governance for European Central Reporting Installation Guide

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# Document Control

Version Number	Revision Date	Change Log
1.0	Jul 2022	Created the document with instructions for the installation of the Oracle Financial Services Data Governance for European Central Reporting Release 8.1.2.0.0.

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# 1 Preface

This section provides supporting information for the Oracle Financial Services Data Governance for European Central Reporting Application Installation Guide.

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

Before you begin the installation, ensure that you have access to [Oracle Support](#) with the required login credentials to quickly notify us of any issues at any stage.

## 1.1 Audience

The OFS Data Governance for European Central Reporting 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 European Central 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 <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info>

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

## 1.3 Related Documents

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

- [OFS Data Governance for European Central Reporting Release Notes Release 8.1.2.0.0](#)
- [OFS Data Governance for European Central Reporting User Guide Release 8.1.2.0.0](#)
- [OFS Data Governance for US Regulatory Reporting Security Guide](#)
- [OFS Data Governance for US Regulatory Reporting Cloning Guide](#)

OHC Documentation Library for OFS AAI Application Pack:

- [OFS Analytical Applications Infrastructure Installation Guide Release 8.1.2.0.0](#)

- [OFS Analytical Applications Infrastructure User Guide Release 8.1.2.0.0](#)
- [OFS Analytical Applications Infrastructure Environment Check Utility Guide Release 8.1.x](#)
- [OFS Analytical Applications Infrastructure Application Pack Administration and Configuration Guide Release 8.1.x](#)
- [OFS AAAI Application Security Guide Release 8.1.x](#)
- [OFS Analytical Applications Infrastructure Cloning Guide Release 8.1.x](#)
- [OFSAA Licensing User Manual, Release 8.1.2.0.0](#)

You can access the common document from the OHC Documentation Library:

- [OFS Analytical Applications 8.1.2.0.0 Technology Matrix](#)

## 1.4 Conventions

The following text conventions are used in this document.

**Table 1: Document Conventions**

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action or terms defined in text or the glossary.
<i>italic</i>	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.
<a href="#">Hyperlink</a>	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
BDP	Big Data Processing
DBA	Database Administrator
DDL	Data Definition Language

Abbreviation	Meaning
DEFQ	Data Entry Forms and Queries
DML	Data Manipulation Language
EAR	Enterprise Archive
EJB	Enterprise JavaBean
ERM	Enterprise Resource Management
FTP	File Transfer Protocol
HDFS	Hadoop Distributed File System
HTTPS	Hypertext Transfer Protocol Secure
J2C	J2EE Connector
J2EE	Java 2 Enterprise Edition
JCE	Java Cryptography Extension
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
MFA	Multi-Factor Authentication
MOS	My Oracle Support
OFSA	Oracle Financial Services Analytical Applications
OFSAI	Oracle Financial Services Analytical Application Infrastructure
OFSAAI	Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack
OHC	Oracle Help Center
OLAP	On-Line Analytical Processing
OLH	Oracle Loader for Hadoop
ORAAH	Oracle R Advanced Analytics for Hadoop
OS	Operating System
RAM	Random Access Memory
RDBMS	Relational Database Management System
RHEL	Red Hat Enterprise Linux
SFTP	Secure File Transfer Protocol
SID	System Identifier



Abbreviation	Meaning
SSL	Secure Sockets Layer
TNS	Transparent Network Substrate
URL	Uniform Resource Locator
VM	Virtual Machine
WAR	Web Archive
XML	Extensible Markup Language

## 2 About Oracle Financial Services Analytical Applications (OFSAA)

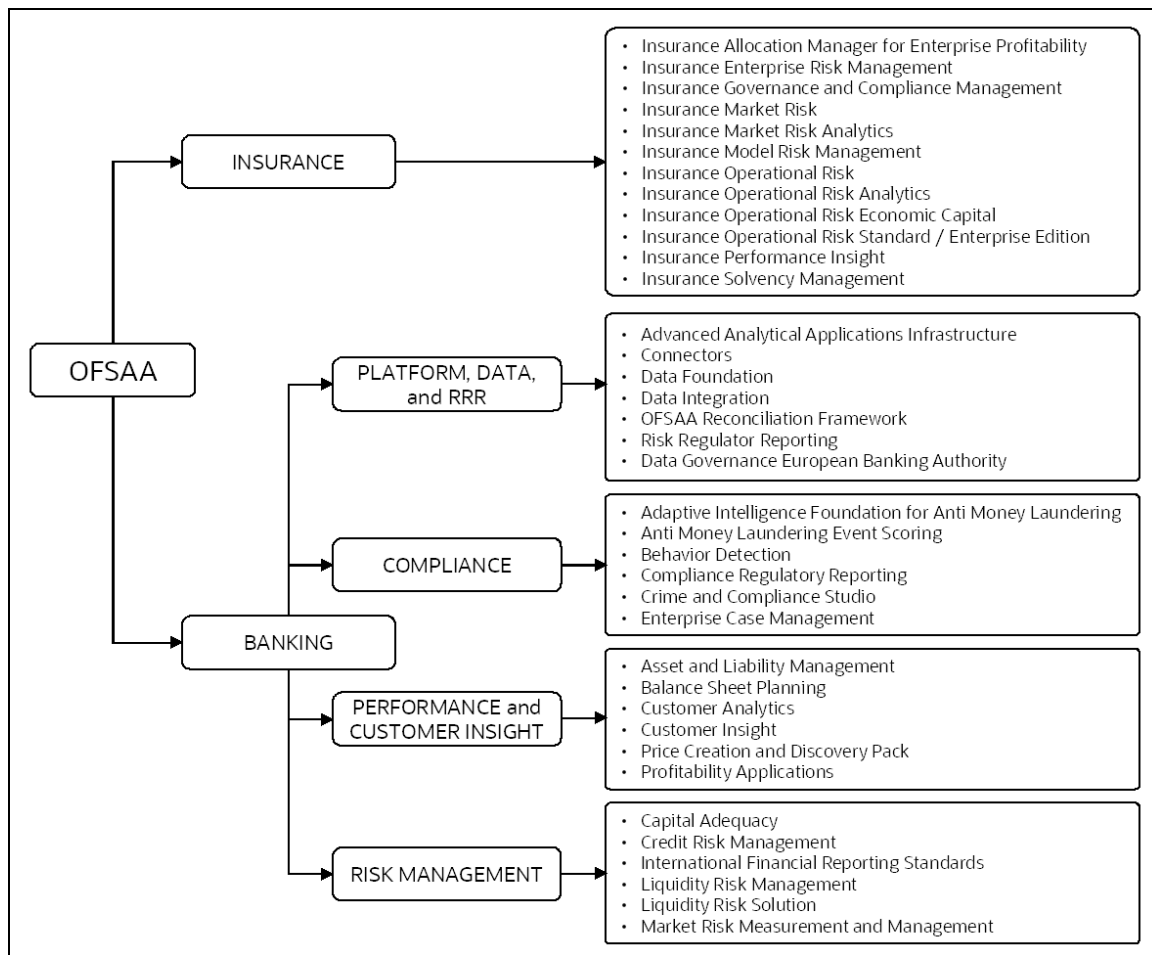
In today's turbulent markets, financial institutions require a better understanding of their risk-return, while strengthening competitive advantage and enhancing long-term customer value. Oracle Financial Services Analytical Applications (OFSAA) enable financial institutions to measure and meet risk-adjusted performance objectives, cultivate a risk management culture through transparency, lower the costs of compliance and regulation, and improve insight into customer behavior.

OFSAA uses industry-leading analytical methods, shared data models, and applications architecture to enable Integrated Risk Management, Performance Management, Customer Insight, and Compliance Management. OFSAA actively incorporates risk into decision making, enables to achieve a consistent view of performance, promotes a transparent risk management culture, and provides pervasive intelligence.

Oracle Financial Services Analytical Applications delivers a comprehensive, integrated suite of financial services analytical applications for both Banking and Insurance domains.

The following figure depicts the various application packs that are available across the OFSAA Banking and Insurance domains.

**Figure 1: OFSAA Application Packs**



**Topics:**

- [Oracle Financial Services Analytical Applications Infrastructure \(OFS AAI\)](#)
- [OFS Funds Transfer Pricing Pack](#)

## 2.1 Oracle Financial Services Analytical Applications Infrastructure (OFS AAI)

Oracle Financial Services Analytical Applications Infrastructure (OFS AAI) powers the Oracle Financial Services Analytical Applications family of products to perform the processing, categorizing, selection, and manipulation of data and information required to analyze, understand and report on specific performance, risk, compliance, and customer insight issues by providing a strong foundation for the entire family of Oracle Financial Services Analytical Applications across the domains of Risk, Performance, Compliance and Customer Insight.

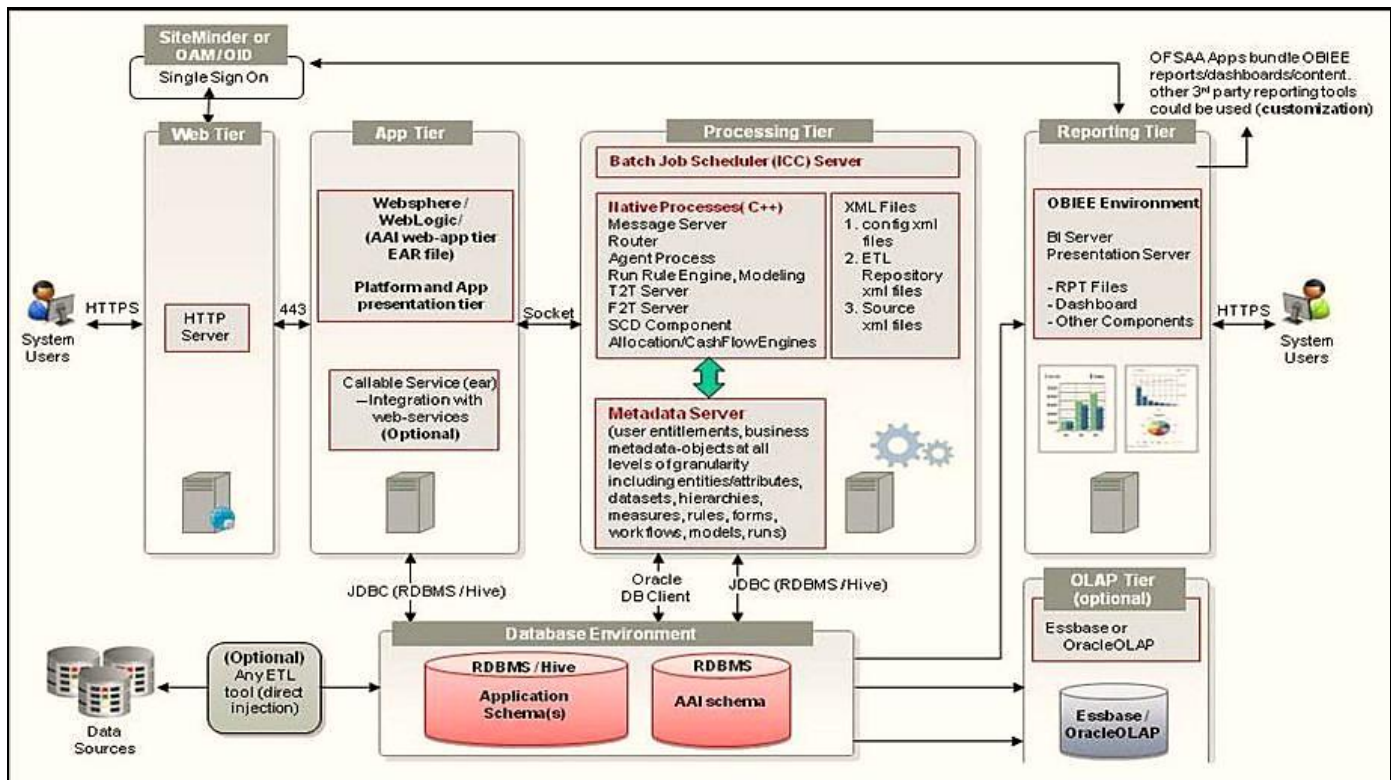
### 2.1.1 Components of OFSAA Infrastructure

The OFSAA Infrastructure includes frameworks that operate on and with the Oracle Financial Services Analytical Applications Data Model and forms the array of components within the Infrastructure.

The OFSAA Infrastructure components/frameworks are installed as two layers; primarily, the metadata server and Infrastructure services run on one layer, while the UI and presentation logic run on the other. The UI and presentation layers are deployed on any of the supported J2EE Servers.

The following figure depicts the various frameworks and capabilities that make up the OFSAA Infrastructure.

Figure 2: Components of OFSAAI



## 2.1.2 OFSAA Infrastructure High Availability

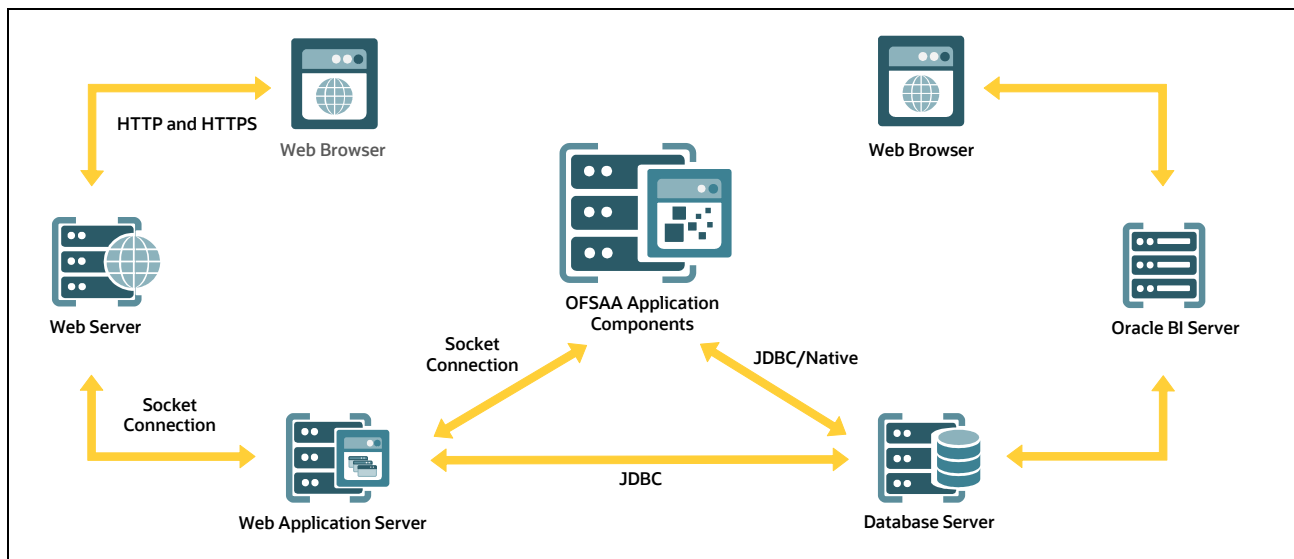
The current release of the OFSAA Infrastructure supports only the "Single Instance" installation for the Infrastructure components. However, the High Availability (HA) for the Database Server and/ or the Web Application Server clustering and deployment is supported in this release.

This release supports the Active-Passive model of implementation for OFSAAI components. For more information, see the [OFS Analytical Applications Configuration for High Availability Best Practices Guide](#).

## 2.1.3 Deployment Topology

The following figure illustrates the deployment topology of OFSAA Application Packs.

**Figure 3: Logical Architecture Implemented for OFSAA Application Packs**



## 2.2 About the OFS Data Governance for European Central Reporting Application

Oracle Financial Services Data Governance for European Central Reporting helps financial services institutions loading data from multiple sources through logical interfaces. OFS Data Governance for European Central Reporting Application includes the following applications:

- **Oracle Financial Services Analytical Applications Infrastructure:** Provides the pre-requisite foundation services required to run all OFSAA Applications including user and Security Management, Object Administration, and other foundational level services.
- **Oracle Financial Services Data Governance for European Central Reporting:** Oracle Financial Services Data Governance for European Central Reporting operationalizes the Data Governance Process. The OFS Data Governance for North America Regulatory Reporting enables financial institutions to map multiple data sources to a standard, common business glossary. Oracle Financial Services Data Governance for European Central Reporting automates and operationalizes governance for US Regulatory Reports to support the Data Management Office, Chief Data Officer, Chief Financial Officer, and Regulatory Reporting teams in their efforts to implement effective data management program to comply with internal and external regulatory standards. It is a content-

based governance solution with an active repository themed around Regulatory Reporting in the European Region. The solution ensures accuracy and confidence in the data and the processes used for European Central Reporting.

## 2.3 OFS AAI Extension Pack

The Oracle Financial Services Analytical Applications Infrastructure Extension (OFS AAIE) Pack adds a set of new advanced features for the 8.1.2.0.0 Release across OFSAA Applications. This pack can be installed on an OFSAA instance having one or more OFSAA Application Packs.

The Oracle Financial Services Analytical Applications Infrastructure Extension Pack includes the following advanced features and functionalities:

- Distributed Processing Capabilities
- Analytic Pipeline and Process models
- Attribution Analysis
- Content Management Interoperability Services

**NOTE:**

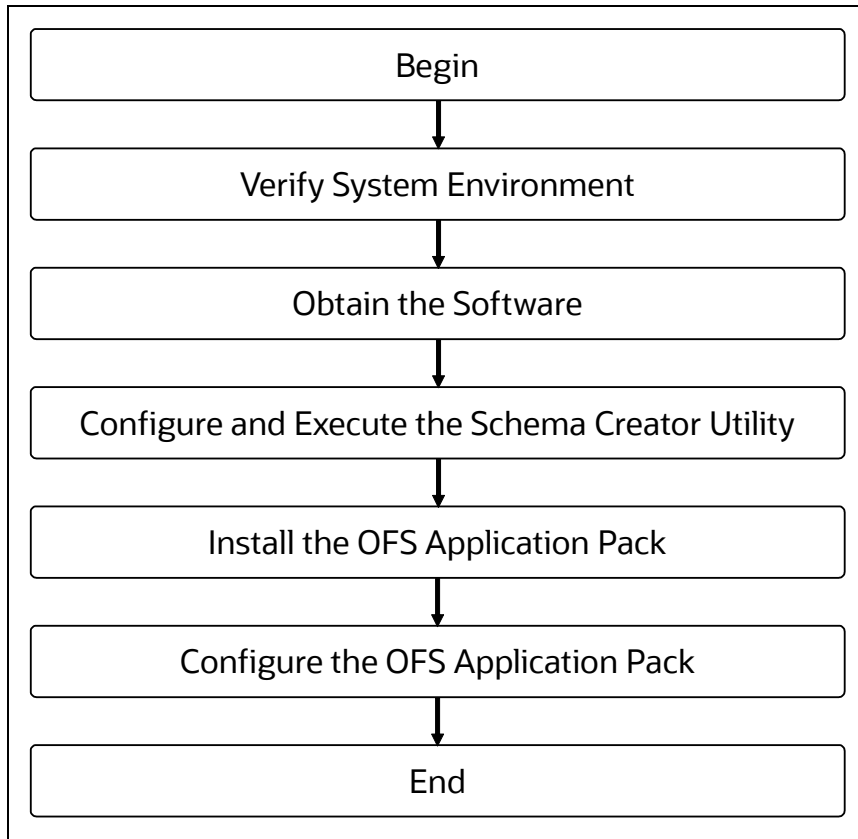
The pack is enabled by the procurement of an additional license. For more information, see the OFS AAIE Release Notes and Installation Guide on the [OHC Documentation Library](#).

## 2.4 Installation Overview

Release 8.1.2.0.0 of Oracle Financial Services Data Governance for European Central Reporting supports only a fresh installation.

The following illustration shows the sequence of steps you need to follow to perform the installation.

**Figure 4: Installation Flow of OFSAA Application Packs**



## 2.5 Installation Scenarios

Release v8.1.2.0.0 of OFS Data Governance for European Central Reporting Application supports various installation scenarios. A high-level overview of the possible scenarios is provided in the following table. Detailed procedural steps are provided in the succeeding sections of this document.

**Table 3: OFS Data Governance for European Central Reporting Release 8.1.2.0.0 Installation Scenarios**

Scenario	Installation Instructions
<p><b>New Installation</b></p> <p>Installing Release 8.1.2.0.0 application for the first time (new installation)</p> <p>Or</p> <p>Install OFS Data Governance for European Central Reporting Application v8.1.2.0.0 on an Existing OFSAA Instance</p> <p>You have already installed an application from release 8.1.x.0.0 and now you want to install another application from Release 8.1.0.0.0.</p> <p>The following example depicts the scenario.</p>	<ol style="list-style-type: none"> <li>1. Prepare for the Installation.</li> <li>2. Configure Silent.props</li> <li>3. Install the OFS DGS EBA Application.</li> <li>4. Perform Post Installation Activities.</li> </ol>

Example:

OFS FPDF is already installed and now you want to install OFS Data Governance for European Central Reporting.

Or

OFS FPDF is already installed, now you want to install OFS Agile RP EBA and then install OFS Data Governance for European Central Reporting.

### 3 Complete Installation Checklist

For a successful installation, perform the steps listed in the Complete Installation Checklist. You can use this checklist to have a glance at everything that you need to install this application. The link provided in each step takes you to a section either within this document or to another referenced document.

**Table 4: Pre-installation Checklist**

Sl. No.	Pre-installation Activity
1	<a href="#">Install</a> all the prerequisite hardware and software given in the Tech Stack.
2	<a href="#">Verify</a> the System Environment using the Environment Check Utility.
3	<a href="#">Configure</a> the Database Instance Settings.
4	<a href="#">Install</a> and configure the Web Application Server.
5	<a href="#">Configure</a> the HTTP Settings on the webserver.
6	<a href="#">Create</a> the Installation, Download, and Metadata Repository Directories: <ul style="list-style-type: none"> <li>• Installation Directory</li> <li>• Temporary Directory</li> <li>• Staging Area/Metadata Repository</li> <li>• Download Directory</li> </ul>
7	<a href="#">Configure</a> the following Operating System and File System Settings: <ul style="list-style-type: none"> <li>• File Descriptor</li> <li>• Total number of processes</li> <li>• Port(s)</li> <li>• <code>.profile</code> file permissions</li> <li>• Add FTP/SFTP configuration for file transfer</li> </ul>
8	<a href="#">Update</a> the following Environment Settings required for the installation in the <code>.profile</code> file: <ul style="list-style-type: none"> <li>• Java Settings</li> <li>• Oracle Database Server and Client Settings</li> <li>• Add TNS entries in the <code>tnsnames.ora</code> file</li> <li>• Oracle Essbase Settings</li> <li>• Time Zone Settings</li> </ul>
9	<a href="#">Download</a> the Installer Kit and erwin data models.
10	<a href="#">Perform</a> prerequisites for installation.

**Table 5: Installation Checklist**

Sl. No.	Installation Activity
1	Configure the <code>Silent.props</code> file.



Sl. No.	Installation Activity
2	Trigger the OFS Data Governance for European Central Reporting Application Installation.

**Table 6: Post-installation Checklist**

Sl. No.	Post-installation Activity
1	Verify the installation logs.
2	Deploy the EAR or WAR files.
3	Start DG Service.
4	Access the OFSAA Application to Create Application Users and Map them to DG User Groups.
5	Executing Scripts and Granting Permissions.
6	Materialized View Creation Batch.
7	Merging Key Indicators.
8	Updating Measures for Key Indicators.
9	Key Indicator Configuration.
10	Performance-Related Configuration Details on Account Mapper Batch.
11	OBIEE Configuration and Deployments.
12	Run Chart for Batch Executions.
13	Rerun Account Mapper Batch.
14	Integrating AgileREPORTER with Data Governance Variance Analysis.

**Table 7: Additional Configuration**

Sl. No.	Additional Configuration Activity
1	<a href="#">Configure</a> the webserver.
2	<a href="#">Configure</a> the Resource Reference in Web Application Servers.
3	<a href="#">Configure</a> the Work Manager in the Web Application Servers.
4	<a href="#">Add</a> the FTP/SFTP configuration for file transfer.
5	<a href="#">Configure</a> the Infrastructure Server Memory.
6	<a href="#">Change</a> IP/Hostname, Ports, Deployed Paths of the OFSAA Instance.
7	<a href="#">Configure</a> the Infrastructure LDAP.
8	<a href="#">Configure and deploy</a> the OFSAAI Web Services.
9	<a href="#">Enable</a> the parallel execution of DML Statements.
10	<a href="#">Configure</a> the message details in the Forms Designer.

---

Sl. No.	Additional Configuration Activity
11	<a href="#">Clear</a> the Application Cache.
12	<a href="#">Configure</a> the password changes.

## 4 Pre-installation

This section contains the pre-installation requirements to install the OFS Data Governance for European Central Reporting Application.

You can use this checklist to have a glance at everything that you need to do before installing this application. The link provided in each step takes you to a section either within this document or to another referenced document.

**Table 8: Pre-installation Checklist**

Sl. No.	Pre-installation Activity
1	Install all the prerequisite hardware and software as per the OFS Analytical Applications Technology Matrix. <ul style="list-style-type: none"> <li>• Configure the Database Instance settings.</li> <li>• Install and configure the Web Application Server.</li> <li>• Configure the HTTP Settings on the Webserver.</li> <li>• Configure the following Operating System and File System Settings.</li> <li>• Update the Environment Settings as required for the installation in the .profile file.</li> </ul>
2	Verify the System Environment using the Environment Check Utility.
3	Create all the necessary directories.
4	Download and Extract the OFS Data Governance for European Central Reporting Application Installer Kit.

### 4.1 Hardware and Software Requirements

For a list of all the hardware and software requirements including Operating Systems, Database, Web Servers, and Web Application Server versions for which this release of the OFS Data Governance for European Central Reporting Application is qualified, see [OFSAA Technology Matrix](#).

**NOTE:**

OFS Data Governance for European Central Reporting Application Installation can be performed on both Virtual and Physical Servers.

#### 4.1.1 License Information

For details of the third-party software tools used, see the [OFSAA Licensing Information User Manual Release 8.1.2.0.0](#).

#### 4.1.2 Verify the System Environment

To verify that your system environment meets the minimum requirements for the installation, a Pre-Install Check Utility is available within the Install Kit archive file. This utility notifies you if any requirements are not met.

It can also be obtained separately by contacting [Oracle Support Services](#).

Though the System Environment Verification is an integral and automated part of the installation of this software product, Oracle strongly recommends running this utility before beginning the installation as part of your organization's "Installation Readiness Verification Process".

For more details on the download and usage of this utility, see the [OFS Analytical Applications Infrastructure Environment Check Utility Guide](#).

## 4.2 Create the Installation, Download, and Metadata Directories

To install the OFS Data Governance for European Central Reporting Application, create the following directories:

- **OFS Data Governance for European Central Reporting Download Directory (Optional):** Create a download directory and copy the OFS Data Governance for European Central Reporting Application Installer File (archive). This is the directory where you can copy the downloaded installer or patches. Assign 755 permission to this directory.
- **OFSAA Installation Directory (Mandatory):** Create an installation directory where you can install the product binaries. Assign 755 user permission to the Installation Directory. FIC\_HOME variable to be set in the .profile pointing to this OFSAA Installation Directory.
- **OFSAA Staging or Metadata Repository Directory (Mandatory):** A directory to hold the Application Metadata Artifacts and additionally act as the Staging Area for the flat files. You can also refer to this directory as FTPSHARE. Create a Staging or Metadata Repository Directory to copy data files, save data extracts, and so on.

The directory must exist on the same system as the OFSAA Installation. This directory can be configured on a different mount or under a different user profile. However, the owner of the Installation Directory must have RWX (775) permissions to this directory.

### NOTE:

Ensure the OFSAA Staging Directory is not set to the same path as the OFSAA Installation Directory and is not a subdirectory inside the OFSAA Installation Directory.

## 4.3 Preparing for Installation

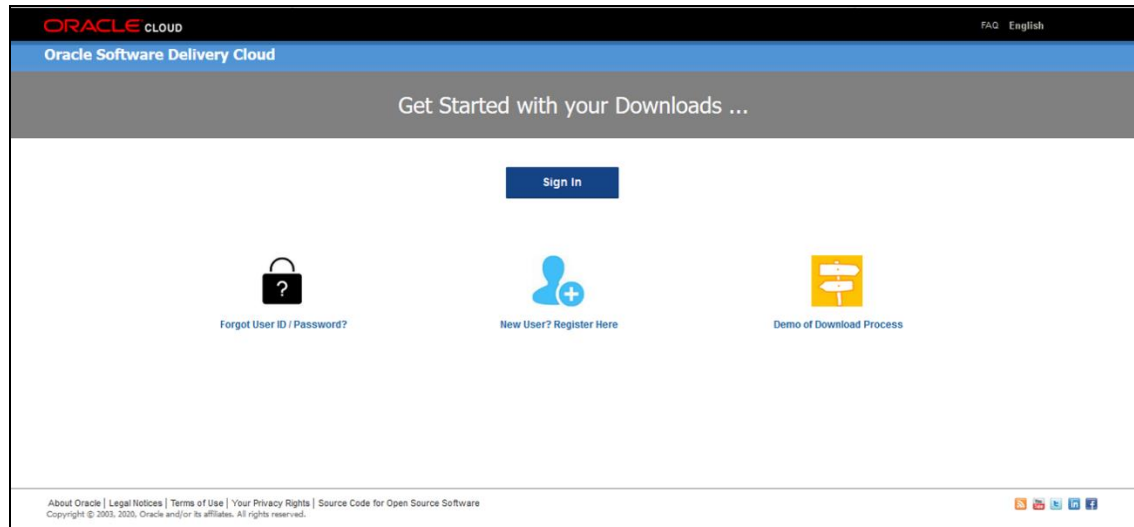
This section describes how to download the installer and the mandatory prerequisites you must ensure installing the OFS Data Governance for European Central Reporting Application.

### 4.3.1 Download the OFS Data Governance for European Central Reporting Pack Installer

To download the OFS Data Governance for European Central Reporting Applications Pack Installer Release v8.1.0.0.0, follow these steps:

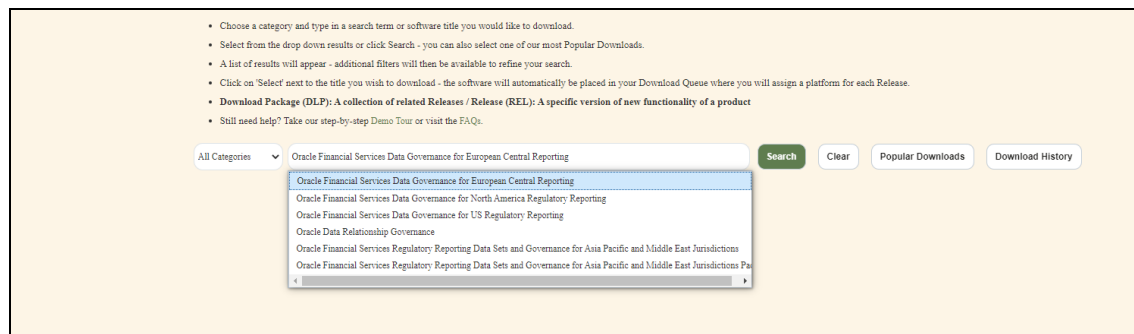
1. Log in to the [Oracle Software Delivery Cloud](#) with a valid Oracle account.

**Figure 5: Oracle Software Delivery Cloud Login Page**



2. Search for the full product name **OFS Data Governance for European Central Reporting Applications Pack** and download the installer archive.

Figure 6: Oracle Software Delivery Cloud Page



3. Download the installer archive and copy (in Binary mode) to the download directory in the setup identified for OFS Data Governance for European Central Reporting Applications Pack installation.
4. Download the following erwin data models from [My Oracle Support](#):
  - OFS DGS EBA erwin data model for 2019 R1: Patch ID **34464599**.
  - OFS DGS EBA erwin data model for 2020 R2: Patch ID **34464591**.

You can search for the patch number in the **Patches and Updates** tab and download it.

**NOTE:**

Downloading the Data Model is an optional step. By default, the Data Model is delivered with the OFS Data Governance for North America Regulatory Reporting Pack installer. However, if you want to upload the Data Model outside and avoid the Model upload during installation with merging of other models, then you can download the erwin Data Models.

## 4.4 Extract the Software

Log in to the UNIX Operating System as a non-root user to perform the following steps. To extract the software, follow these steps:

1. If you already have an unzip utility to extract the contents of the downloaded archive, skip this step. Download the unzip utility (OS-specific) `unzip_<os>.Z` and copy it in Binary Mode to the directory that is included in your PATH variable.
2. Uncompress the unzip installer file with the following command:

```
uncompress unzip_<os>.Z
```

**NOTE:**

If an error message `uncompress: not found [No such file or directory]` is displayed, contact your UNIX Administrator.

3. Extract the contents of the OFS Data Governance for European Central Reporting Release 8.1.2.0.0 installer archive file in the download directory with the following command:

```
unzip OFS_DGS_EBA_8.1.2.0.0_GENERIC.zip
```

4. Navigate to the download directory and assign 755 permission to the installer directory with the following command:

```
chmod 755 appsLibConfig OFS_DGS_EBA DataModel
```

### 4.4.1 Prerequisites for Installation

This installer has fresh install capabilities and the following is the prerequisite to install the OFS Data Governance for European Central Reporting:

- Ensure to install the OFS FSDF 8.1.2.0.0 in the OFSAA Instance for a fresh installation.
- In case you install OFS Agile RP EBA, ensure to install version 8.1.2.0.0.

## 5 Installation

This section details the steps you need to follow during the OFS Data Governance for European Central Reporting Application Installation.

You can use this checklist to have a glance at everything that you need to do to install this application. The link provided in each step takes you to a section either within this document or to another referenced document.

**Table 9: Installation Checklist**

Sl. No.	Installation Activity
1	<a href="#">Configure</a> the Silent.props file.
2	<a href="#">Trigger</a> the OFS Data Governance for European Central Reporting Application Installation.

### 5.1 Configure the Silent.props file

This section is for the fresh installation of OFS Data Governance for European Central Reporting Release 8.1.2.0.0.

- In the Installer Kit Path /appsLibConfig/conf:
  - For RDBMS Installation, rename the Silent.template file to Silent.props.
  - Edit the Silent.props file.
- Modify only the following parameters.

**Table 10: Parameters for the Silent.props File**

Property Name	Description of Property	Permissible values	Comments
LOG_MODE	Mode for logging	0 = Debug (Passwords will not be printed in the log file) 1 = General (Password will be printed in the log file)	# Default; LOG_MODE: 0
INFODOM_NAME	Specify the name of Information Domain (Infodom)	Example: INFODOM_NAME=DGSINFO	# Specify the name of Information Domain (Infodom) into which you wish to install
SEGMENT_1_CODE	Segment Code	Example: DGSSEG	# Mandatory Segment Code should not exceed 10 characters and there should not be special characters or extra spaces.

Property Name	Description of Property	Permissible values	Comments
APPFTP_LOG_PATH	Information Domain Maintenance log path(to be created) for the new Information Domain for App Layer	Example: /ftpshare/DGSINFO/logs	# Mandatory if this an App Layer Installation and want to create a new Information Domain
DBFTP_LOG_PATH	Information Domain Maintenance log path(to be created) for the new Information Domain for DB Layer	Example: /ftpshare/DGSINFO/logs	# Mandatory if this an App Layer Installation and want to create a new Information Domain
UPLOAD_MODEL	Whether you want to perform Model Upload	0 = No 1 = Yes	# Mandatory UPLOAD_MODEL=1
MODEL_TYPE	Released data model or Customized data model	0 = released 1 = customized	# Mandatory only in the case of MODEL_TYPE=0
DATAMODEL	The file name for the customized data model	Not Applicable	# Mandatory only in the case of uploading the customized data model # Option selected for MODEL_TYPE=1
DM_DIRECTORY	The path for the customized data model	Not Applicable	# Mandatory only in the case of uploading the customized data model # Option selected for MODEL_TYPE=1
ETL_APPSRC_TYPE	The ETL application name	0 = New Pair 1 = Existing	# Mandatory ETL_APPSRC_TYPE=0 ETL_APPSRC_TYPE=1
ETL_SRC_1_NAME	ETL FSDF Staging Source Name	Example: STAGING	# Mandatory ETL_SRC_1_NAME=STAGING
ETL_SRC_1_DESC	ETL FSDF Staging Source Description	Example: STAGING	# Mandatory ETL_SRC_1_DESC=STAGING
ENABLE_CONCURRENCY	#Support for Parallelism	0 = No 1 = Yes	#Optional ENABLE_CONCURRENCY=1
CONCURRENCY_LEVEL	#Support for Parallelism	Example: CONCURRENCY_LEVEL=10, which means 10 threads are triggered to handle the processing of fsapps.	#Optional



## 5.2 Install the OFS Data Governance for European Central Reporting Application

Installing Release 8.1.2.0.0 application for the first time (new installation).

OR

Install OFS Data Governance for European Central Reporting Application v8.1.2.0.0 on an Existing OFSAA Instance.

You have already installed an application from release 8.1.x.0.0 and now you want to install another application from Release 8.1.2.0.0.

For example, OFS FSDF is already installed and you want to install OFS Data Governance for European Central Reporting or OFS FSDF is already installed, and you want to install OFS Agile RP EBA and then install OFS Data Governance for European Central Reporting.

### ATTENTION:

Before you begin the installation, configure and execute the Silent.props file. See [Configure the Silent.props File](#).

To install the OFS Data Governance for European Central Reporting Application v8.1.2.0.0, follow these steps:

1. Log in to the system as a non-root user.
2. Navigate to appsLibConfig and then open the Conf folder.
3. Rename the Silent.template to Silent.props.
4. Edit the Silent.props with the required configurations.
5. Navigate to OFS\_DGS\_EBA/bin and execute Setup.sh.
6. Enter the following command in the console to execute the OFS Data Governance for European Central Reporting Application Installer with the Silent option.

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

**Figure 7: Execute the OFS Data Governance for European Central Reporting installer in the SILENT mode**

```
.profile executed
/scratch/ofsaappl>cd /scratch/ofsaappl/kit/DGS_EBA_812_mock/OFS_DGS_EBA/bin
/scratch/ofsaappl/kit/DGS_EBA_812_mock/OFS_DGS_EBA/bin>ls
mediaPack.tar.gz Setup.sh
/scratch/ofsaappl/kit/DGS_EBA_812_mock/OFS_DGS_EBA/bin>./Setup.sh SILENT
/scratch/ofsaappl/kit/DGS_EBA_812_mock/OFS_DGS_EBA/bin
loading from /scratch/ofsaappl/kit/DGS_EBA_812_mock/appsLibConfig/conf/Silent.props
etlAppSrcType->0
Source Name->EBASTAGING
Number of sources->1
Shutdown of OFSAAI services started...
Shutdown of OFSAAI services done.
Starting OFSAA Service...
OFSAA Service - OK
```

7. The OFS Data Governance for European Central Reporting Application Installation begins.

**Figure 8: OFS Data Governance for European Central Reporting Application Starting Installation and Installation Complete**

```
Starting installation...
***** Starting installation of OFS_DGS_EBA ~~ OFS_DGS_EBA ~~ 8.1.2.0.0 *****
-----Uploading Data model into application schema-----
erwinXMLPath for [DGSINFO] is [/scratch/ofsaappl/ftpshare//DGSINFO/erwin/erwinXML]
FIC_HOME:/scratch/ofsaappl/OFSAA/
----- DB Scripts Execution Started-----
----- DB Scripts Execution Completed-----
----- DB Scripts Execution Started-----
----- DB Scripts Execution Completed-----
===== APP INSTALLATION COMPLETED . =====
===== KINDLY REFER LOG FILE FOR MORE INFORMATION =====
Installation Completed...
```

8. The following message is displayed in the console:  
*Installation completed...*
9. The OFSAA Infrastructure installation performs a post-install health check automatically on the successful installation of the product.
10. Check the log files mentioned in the [Verify the Log File Information](#) Section to verify if the release is applied successfully.
11. Perform the steps mentioned in the [Post-installation](#) Section.

## 6 Post-installation

You can use this checklist to have a glance at everything that you need to do after post-installing this application. The link provided in each step takes you to a section either within this document or to another referenced document.

### NOTE:

There are no specific steps applicable for the installation on ADW in OFSAA for OFS Data Governance for European Central Reporting. However, if you need more information on ADW, see the Installation Notes Specific to ADW section in the FSDF 8.1.2.0.0. Installation and Configuration Guide.

See the Post-Installation Section in the [OFS AAI Release 8.1.2.0.0 Installation and Configuration Guide](#) to complete these procedures.

**Table 11: Post-installation Checklist**

Sl. No.	Post-installation Activity
1	Verify the installation logs.
2	Deploy the EAR or WAR files.
3	Start DG Service.
4	Access the OFSAA Application to Create Application Users and Map them to DG User Groups.
5	Executing Scripts and Granting Permissions.
6	Materialized View Creation Batch.
7	Merging Key Indicators.
8	Updating Measures for Key Indicators.
9	Key Indicator Configuration.
10	Performance-Related Configuration Details on Account Mapper Batch.
11	OBIEE Configuration and Deployments.
12	Run Chart for Batch Executions.
13	Rerun Account Mapper Batch.
14	Integrating AgileREPORTER with Data Governance Variance Analysis.

### 6.1 Verify the Log File Information

See the following logs file for more information:

- The OFS\_DGS\_EBA\_installation.log file in the OFS\_DGS\_EBA/logs.

### 6.2 Deploying Activities

Perform the following deployment activities:

1. Deploy the EAR or WAR files.

2. If you are deploying in WebLogic Environment, add the following tags in the `weblogic.xml` in both the Application Layers and in the deployed location:

```
<prefer-application-packages>
<package-name>org.codehaus.jackson.*</package-name>
</prefer-application-packages>
<prefer-application-resources>
<resource-name>org.codehaus.jackson.*</resource-name>
</prefer-application-resources>
```

3. If you are deploying in WebLogic Environment, remove or comment the followign entry in the `sun-jaxws.xml` file in both the Application Layers and in the deployed location:

```
<endpoint
implementation="com.ofs.erm.dgs.MDBBrowser.ws.MDBObjectExportWSImpl" url-
pattern="/mdbObjectExportWsdl" name="mdbObjectExportWsdl"/>
```

## 6.3 Start the DG Services

Navigate to `$FIC_HOME/ficdb/bin` and execute `agentstartup.sh`

## 6.4 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 8.1.2 release, with the installation of the OFS Data Governance for European Central Reporting 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:

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 12: DGS EBA User Group Map**

V_Role_code	V_role_name	V_role_desc
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	Issue admin	privilege to create and close issues
ISSUEANLST	Issue analyst	Manage issues and create action for the issues
MDRGENXML	DGS MDR Generate XML	MDR Generate XML
CTLVIEWR	Control viewer	Control viewer role
REGREPGRP	Regulatory Reporting Group	Regulatory Reporting Deployment
ISSASR	Issue Owner	Issue 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 role
BTVIEWR	Business terms viewer	Business terms viewer role
DGSADMINRL	DGS Administrator	DGS Administrator Role
MDRGEN	DGS MDR Generate	MDR Generate
ISSAPR	Issue Creator	Issue Creator
ADJCREATOR	Adjustment Creator	Adjustment Creator Role
ADJAPPROVE	Adjustment Approver	Adjustment Approver Role
KIASSCONF	KI Assess Config Role	Key Indicator Assessment Configuration Role
KITHRSLD	KI Threshold Config Role	Key Indicator Threshold Role
CTLASSESSP	CTL ASSESS PARAMS Role	Control Assessment Parameters Role
DGAPPCONF	DGS Application Conf Role	DGS Application Configuration Role
DGSAPP	DGS APP Role	DGS Application Menu Role Code

**NOTE:**

- Do not map the group DGREPANGRP and DGREPMANGRP while mapping the group to the user.

- Adjustment Approver and Adjustment Creator must not be mapped to the same user.
- Ensure the domains in the User Domains Map are mapped to the REGREPGRP group and SYSTEMADMIN group and assign them to the user.
- Assign the DGAPPGRP group to the user. This is required for getting the DGS EBA Application Tiles menu.

**1. Perform these steps:**

**a. Resave the following mentioned derived entities:**

- DEATNAME: DE Attribute Name
- DE Business Line
- DEGLSTERM: DE Business Term
- DE Components
- DE Document Type
- DEENNAME: DE Entity Name
- DE Frequency
- DE KI Frequency
- DE Location
- DE Measure Scale
- DE Process
- DE Risk Categories
- DE User List
- DE\_GROUP
- PMREPLINK

**b. Resave the following hierarchies:**

- HDGENNAM: Entity Name Hierarchy
- HDGATNAM: Attribute Name Hierarchy
- HDGGLTRM: Business Term Hierarchy
- Reports Hierarchy

**2. Compile the backend objects such as functions, procedures, and packages that are related to DGS.**

Execute below statement after replacing Atomic Schema Name:

```
begin
DBMS_UTILITY.compile_schema(schema => '##Atomic_schema_name##');
end;
```

## 6.5 Regulatory Reporting Deployment Steps

This chapter provides information on deploying the reports based on the selected jurisdiction. It retains only the relevant report objects in the application, which are used in debugging the issues if any. This approach makes the deployment process intuitive and transparent to the banks. The product consists of the metadata and the objects of DG EBA.

For more information, see the section Regulatory Reporting Deployment in the [OFS Data Governance for European Central Reporting User Guide Release 8.1.2.0.0](#).

## 6.6 Executing Scripts and Granting Permissions

To execute scripts and grant permissions, perform the following steps:

1. Execute the following scripts in the Atomic Schema:
  - a. [DGS\\_DIM\\_OR\\_STATUS.sql](#)
  - b. [DGS\\_DIM\\_OR\\_STATUS\\_MLS.sql](#)
  - c. [scd-380-dim\\_key\\_indicator-vw\\_key\\_indicator.sql](#)
2. Log into Config Schema and execute the following script:
  - [DG81200\\_post\\_install\\_script.sql](#)
3. Execute the Grant command for the Dynamic KI batch in the Config Schema:

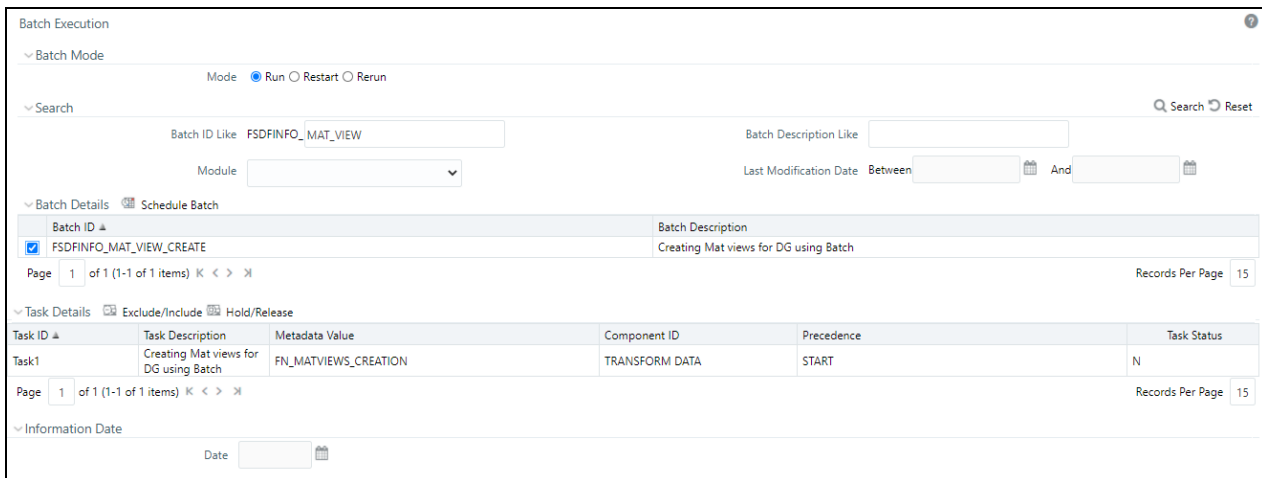
```
GRANT SELECT ON ##CONF_USER##.batch_task_precedence_master TO
##ATOMIC_USER##
##CONF_USER##--config schema name
##ATOMIC_USER##--atomic schema name
```

## 6.7 Materialized View Creation Batch

To materialize the View Creation Batch, follow these steps:

1. From the Financial Services Data Foundation Window, navigate to Operations and select Batch Execution.
2. Execute the batch `##INFODOM##_MAT_VIEW_CREATE` on Sysdate. This batch creates the materialized views needed.

**Figure 9: Batch Execution**



**NOTE:**

After materializing the View Creation Batch, run the following command in Atomic Schema to compile all the invalid objects in the Atomic Schema.

Replace the `##ATOMIC_USER##` with the actual Atomic Schema Name.

```
begin
DBMS_UTILITY.compile_schema(schema => '##ATOMIC_USER##');
end;
/
```

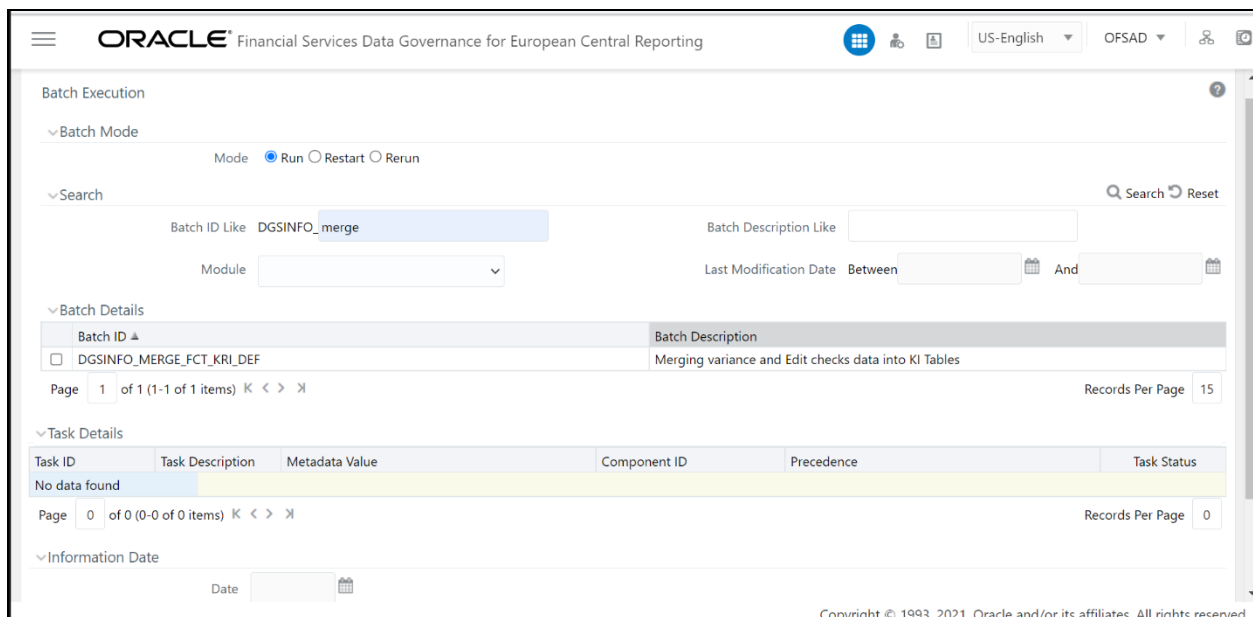
## 6.8 Merging Key Indicators

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 10: Batch Execution**





## 6.9 Configuring Process Monitoring Runs and Tasks

As a pre-requisite, before configuring the Runs and Tasks, ensure the following:

- Oracle Financial Services Regulatory Reporting for European Banking Authority (OFS AGILE RP EBA 8.1.2.0.0) is installed and configured.
- MDB Publish is performed for Oracle Financial Services Regulatory Reporting for European Banking Authority 8.1.2.0.0.

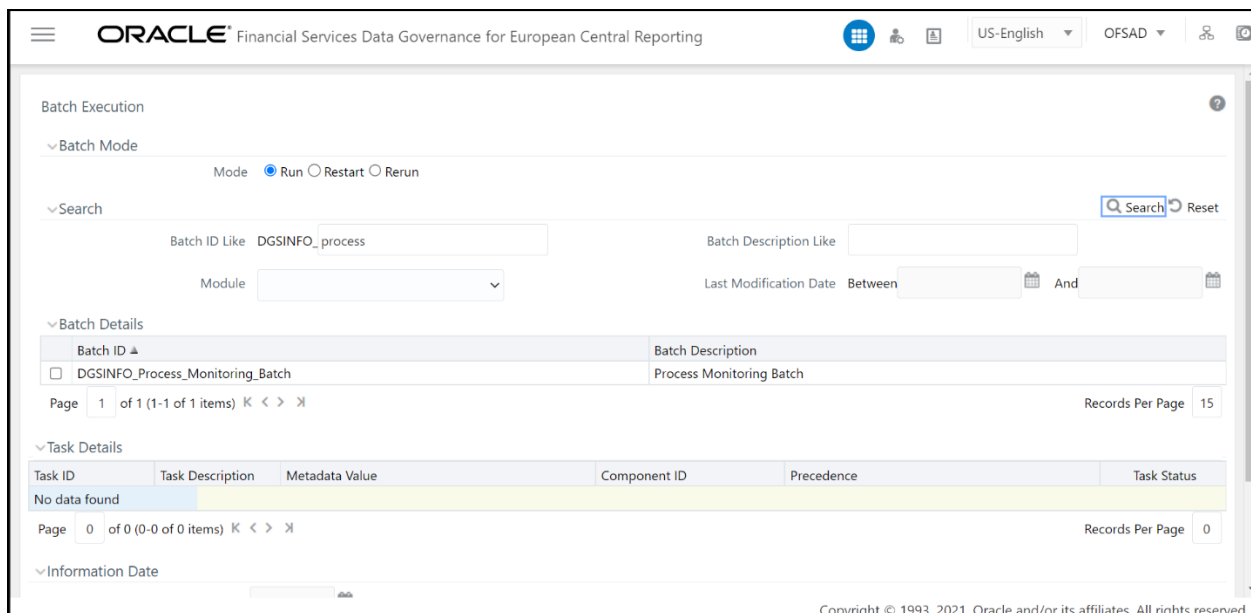
### NOTE:

See [Oracle Financial Services Regulatory Reporting for European Banking Authority](#) on OHC for more details.

As part of configurations to load the Process Monitoring-related Plans, Runs, and Tasks associated with OFS Agile RP EBA Install, follow these steps:

1. Login to OFSAAI using a user having permissions for running batches.
2. From the Financial Services Data Foundation Window, navigate to Operations and select Batch Execution.

**Figure 11: Process Monitoring Batch**



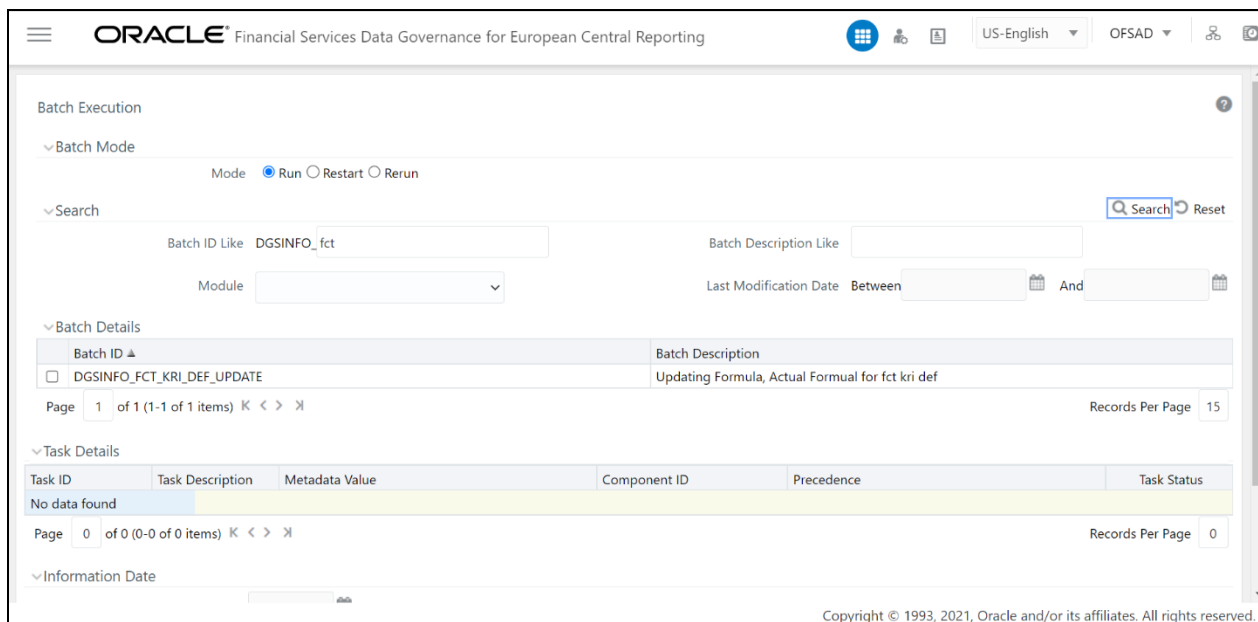
3. Select the MIS Date and execute the batch Process\_Monitoring\_Batch.
4. Check and ensure that the batch is executed successfully.
5. Navigate to the Process Monitoring Menu under Data Governance Application and ensure that the Plans, Runs, and Tasks are displayed for OFS Agile RP EBA.

## 6.10 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.
2. 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 12: Batch Execution**



- Execute the SQL script in the Atomic Schema [DGEBA812\\_post\\_install.sql](#).

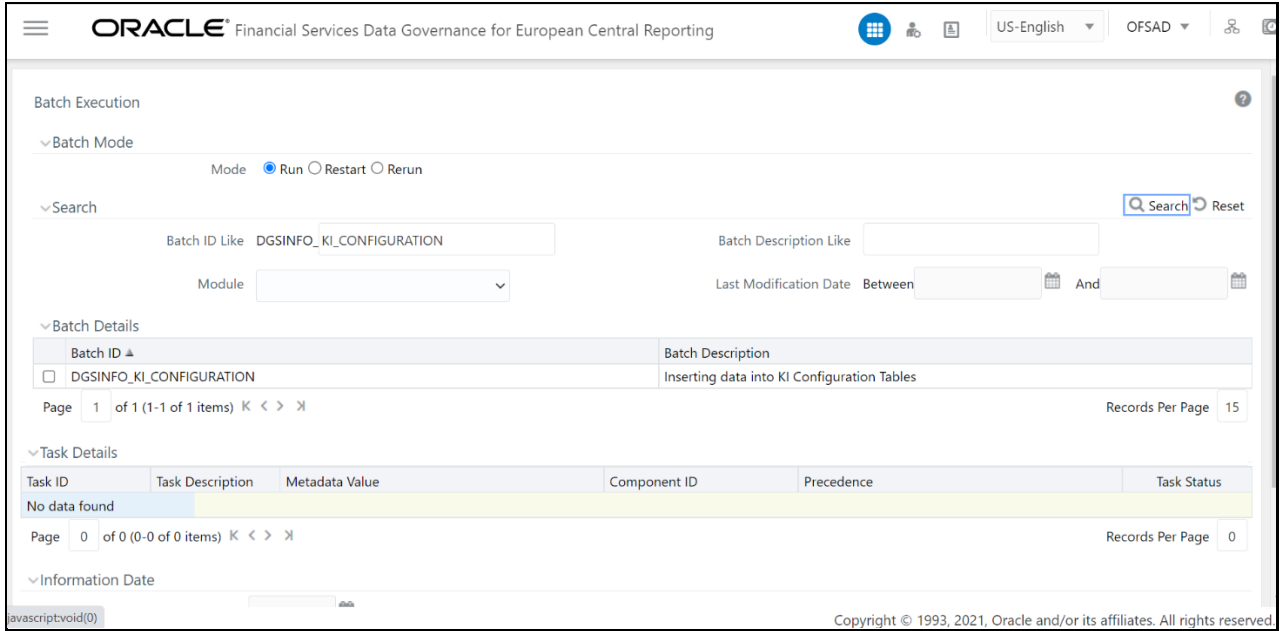
## 6.11 Key Indicator Configuration

From 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 OFS Data Governance for European Central 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 [OFS Data Governance for European Central Reporting User Guide Release 8.1.2.0.0](#).

**Figure 13: Batch Execution**

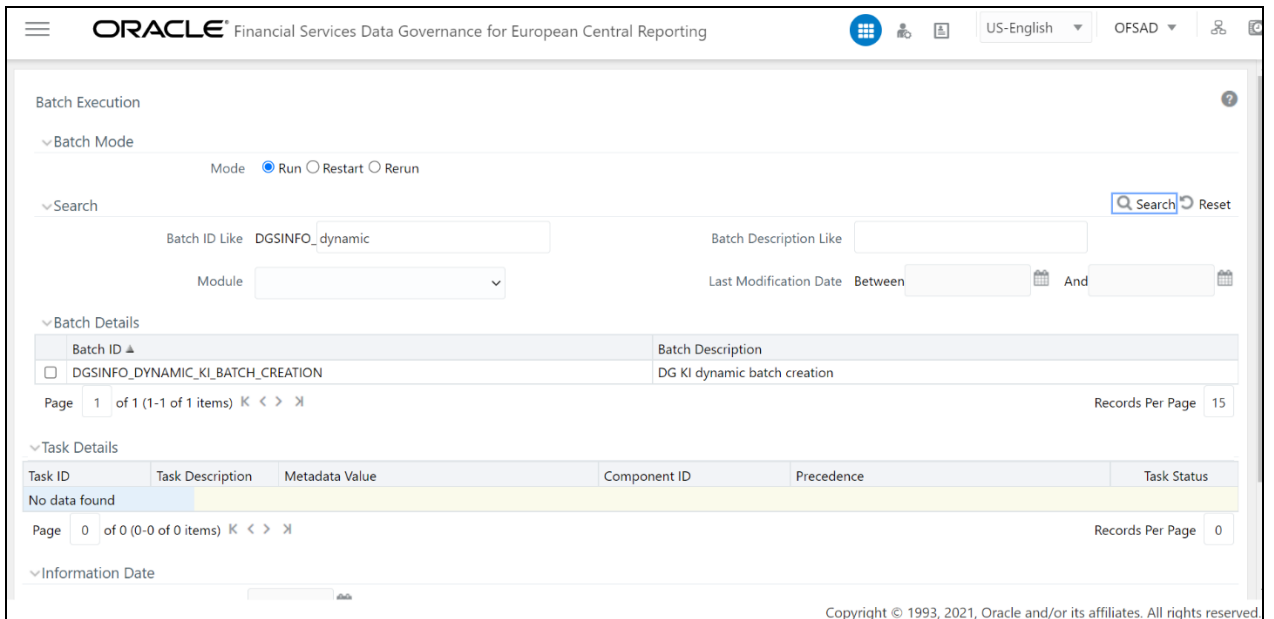


### 6.11.1 Creating DYNAMIC KI Tasks

To create the DYNAMIC KI tasks, follow these steps:

1. From the Financial Services Data Foundation Window, navigate to Operations and select Batch Execution.
2. Run the batch ##INFODOM##\_DYNAMIC\_KI\_BATCH\_CREATION on Sysdate.  
This batch is used to create the DYNAMIC KI Task.
3. Enter the Current System Date as the MISDATE for this batch.

Figure 14: Batch Execution



## 6.12 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.

## 6.13 Create Issue Link to Open in Supported Browsers in OBIEE

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.

Navigate to the path where web.xml is available, and then add the following section with the DGS EBA 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-value>
  </init-param>
</filter>
```

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

## 6.14 Performance-Related Configuration Details on Account Mapper Batch

- Parallel Hint for query 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)\*/.

**Table 13: Performance Configuration Details**

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.

**Table 14: Performance Configuration Details**

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 config 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'.

**Table 15: Performance Configuration Details**

V_MODULE_NAME	V_LOOKUP_CODE	N_LOOKUP_VALUE	V_LOOKUP_CODE_DESC
MAPPER	ENABLE_PARALLEL_CONFIGS	N	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 set as '4' for Enable Parallel DML and Enable Parallel Query, user can set it to any parallels like 4,8,16...

**Table 16: Performance Configuration Details**

V_MODULE_NAME	V_LOOKUP_CODE	N_LOOKUP_VALUE	V_LOOKUP_CODE_DESC
MAPPER	DGS_STMT_1	ALTER SESSION SET STAR_TRANSFORMATION_ENABLED=TRUE	Enable STAR_TRANSFORMATION
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.

**Table 17: Performance Configuration Details**

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	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'.

**Table 18: Performance Configuration Details**

V_MODULE_NAME	V_LOOKUP_CODE	N_LOOKUP_VALUE	V_LOOKUP_CODE_DESC
KI	ASSMT_PARALLEL_GROUP	14	Parallel Group number for KI Assessment

**NOTE:**

All the mapper tables like FSI\_KICOND\_MITIGANT, FSI\_KICOND\_ACCNT\_MAP, FSI\_KICOND\_REPLINE\_MAP, FSI\_KICOND\_ACCT\_ASSET\_CLASS are created out of the box as non-partitioned table with index, if later they are converted into Partitioned table then the associate Index should also be recreated as a Local index else Truncate Reload partition will make the index as unstable.

## 6.15 OBIEE Configuration and Deployments

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

- Login to the OBIEE Server.
- Edit the /Oracle\_Home/bi/bifoundation/web/display/currencies.xml file.
- Update "symbol="\$" to change the preferred currency as follows:

```
<Currency tag="int:wrhs" type="international" placeholder="true"
symbol="$" format="$#" digits="2"
displayMessage="kmsgCurrencySiebelWarehouse"          <negative tag="minus"
format="-$#" />    </Currency>
```

- 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.

## 6.16 Run Chart for Batch Executions

For batch executions, see the Data Governance for European Central Reporting 8.1.2.0.0 Run Chart.

## 6.17 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.

**Table 19: Rerun Account Mapper Batch**

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	Y	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\_KICOND\_MITIGANT
- FSI\_KICOND\_ACCNT\_MAP
- FSI\_KICOND\_REPLINE\_MAP
- FSI\_KICOND\_ACCT\_ASSET\_CLASS

## 6.18 Integrating AgileREPORTER with Data Governance Variance Analysis

AgileREPORTER can be integrated with Data Governance Variance Analysis Reports from the AgileREPORTER - Dashboard and Analysis AgileREPORTER - Module Integration features.

### 6.18.1 AgileREPORTER - Dashboard Integration

To establish the connection in AgileREPORTER – Dashboard, follow these steps:

1. Log in to AgileREPORTER with valid credentials.
2. Navigate to Settings.
3. Select Administration and then select Data Warehouse Integration.



4. In the Data Warehouse Integration Window, click Add.
5. In the Add Contextual Button dialog box, enter the following details:
  - a. Name: OFSAA Current Analysis
  - b. Linked to: AgileREPORTER
  - c. URL Pattern: Enter the following URL in the URL Pattern Text Box:

```
###OBIEEURL###/analytics/saw.dll?dashboard&PortalPath=%2Fshared%2FDGS%2FAccount%20Level%20Reports%2FAccount%2FVariance%20Analysis%20Summary%20AR&page=Variance%20Current%20Analysis%20AR&Options=rmf&Action=Navigate&P0=7&P1=eq&P2=ifnull(%22Report%20Schedule%20Reporting%20Element%22.%22Cell%20Id%20Bireport%22%2C%22Report%20Schedule%20Reporting%20Element%22.%22Reporting%20Element%22)&P3=${cellId}&P4=eq&P5=%22Report%20Schedule%20Reporting%20Element%22.%22AR%20Form%20Code%22&P6=${formCode}&P7=eq&P8=%22Dim%20Dates%22.%22Date%20Skey%22&P9=${referenceDate}&P10=eq&P11=%22Report%20Schedule%20Reporting%20Element%22.%22V_ENTITY_CODE%22&P12=${entityCode}
```

**NOTE:**

Ensure to replace the placeholder `###OBIEEURL###` with OBIEE Dashboard URL up to the Port Number.

- d. Description: OFSAA Current Analysis
  - e. Pick an icon: Select any icon.
6. Click Add. The OBIEE URL Pattern link is now enabled in the Dashboard Tab.

## 6.18.2 AgileREPORTER - Analysis Module Integration

To establish the connection in AgileREPORTER – Analysis Module Integration, follow these steps:

1. Log in to AgileREPORTER with valid credentials.
2. Navigate to Settings.
3. Select Administration and then select Data Warehouse Integration.
4. In the Data Warehouse Integration Window, click Add.
5. In the Add Contextual Button Dialog Box enter the following details:
  - a. Name: OFSAA Variance Analysis
  - b. Linked to: Analysis Module
  - c. URL Pattern: Enter the following URL in the URL Pattern text box:

```
###OBIEEURL###/analytics/saw.dll?dashboard&PortalPath=%2Fshared%2FDGS%2FAccount%20Level%20Reports%2FAccount%2FVariance%20Analysis%20Summary%20AR&page=Variance%20Analysis%20AR&Options=rmf&Action=Navigate&P0=7&P1=eq&P2=ifnull(%22Report%20Schedule%20Reporting%20Element%22.%22Cell%20Id%20Bireport%22%2C%22Report%20Schedule%20Reporting%20Element%22.%22Reporting%20Element%22)&P3=${cellId}&P4=eq&P5=%22Report%20Schedule%20Reporting%20Element%22.%22AR%20Form%20Code%22&P6=${formCode}&P7=eq&P8=%22Dim%20Dates%22.%22Date%20Skey%22&P9=${referenceDate}&P10=eq&P11=%22Report%20Schedule%20Reporting%20Ele
```

```
ment%22.%22V_ENTITY_CODE%22&P12=${entityCode}&P13=eq&P14=%22Dim%20Dates%22
.%22Date%20Skey%20Prev%22&P15=${prv_referenceDate}
```

**NOTE:**

Ensure to replace the placeholder `###OBIEEURL###` with OBIEE Dashboard URL up to the port number.

- d. Description: OFSAA Variance Analysis
  - e. Pick an icon: Select any icon.
6. Click Add. The OBIEE URL Pattern link is now enabled in the Analysis Tab.

## 6.19 Alias Configurations

Update the `ActionFrameworkConfig.xml` file with the following aliases. If you do not find the following snippet in the file, then copy the following and paste into the file.

`ActionFrameworkConfig.xml` file is found in the following OBIEE path:

```
/scratch//Oracle/Middleware/Oracle_Home/user_projects/domains/bi/confi
g/fmwconfig/biconfig/actions
```

```
<aliases>
  <location-alias>
    <alias>ofsaa_dgs_obi</alias>
    <actual>###OBIEE URL##/analytics/saw.dll</actual>
  </location-alias>
  <location-alias>
    <alias>ofsaa_dgs</alias>
    <actual>###OFS AAI URL##/issues/add/<infodom name>/31</actual>
  </location-alias>
</aliases>
```

**NOTE:**

Ensure to replace the `###OBIEE URL##` and `###OFS AAI URL##` with the respective URLs.

After updating the `ActionFrameworkConfig.xml` file, restart the OBIEE server.

## 6.20 Configuring Tomcat for User Group Authorization, Data Mapping, and Disabling WADL for the Web Service

Users with system authorization roles can access User Group Authorization. However, to make it available on Tomcat web server, you have to perform the following configuration steps:

1. Navigate to the `$FIC_WEB_HOME/webroot/WEB-INF/` folder and open `web.xml` file.

2. Enter the following in the web.xml file.

```
<init-param>
  <param-name>mappedfile</param-name>
  <param-value>>false</param-value>
</init-param>
```

3. To disable the WADL for the Web Service, navigate to the following snippet in the web.xml file.

```
<servlet>
  <servlet-name>CommonRETServlet</servlet-name>
  <servlet-class>org.glassfish.jersey.servlet.ServletContainer</servlet-
class>
  <init-param>
    <param-name>javax.ws.rs.Application</param-name>
    <param-
value>com.ofs.fsapps.commonapps.util.ApplicationResourceConfig</par
am-value>
  </init-param>
  <load-on-startup>1</load-on-startup>
</servlet>
```

4. Add the following snippet before the <load-on-startup>1</load-on-startup> attribute.

```
<init-param>
  <param-name>jersey.config.server.wadl.disableWadl</param-name>
  <param-value>>true</param-value>
</init-param>
```

5. Save and close the file.
6. Re-start the application server.

## 6.21 View OFSAA Product Licenses after Installation of Application Pack

In an integrated environment, where you have multiple applications installed on the same domain or infrastructure, OFSAAI allows you to see the other licensed applications through the UI. For more information, see the View OFSAA Product Licenses after Installation of Application Pack in the [OFS Data Governance for European Central Reporting User Guide Release 8.1.2.0.0](#).

## 6.22 Additional Configuration

This section provides information for additional configuration required for the OFS Data Governance for European Central Reporting Application.

You can use this Additional Configuration checklist to have a glance at everything that you need to do before installing this application. The link provided in each step takes you to a section either within this document or to another referenced document.

**NOTE:**

See the Additional Configuration Section in the Additional Information chapter to complete these procedures.

**Table 20: Additional Configuration Checklist**

Sl. No.	Additional Configuration Activity
1	<a href="#">Configure</a> the webserver.
2	<a href="#">Configure</a> the Resource Reference in Web Application Servers.
3	<a href="#">Configure</a> the Work Manager in the Web Application Servers.
4	<a href="#">Add</a> the FTP/SFTP configuration for file transfer.
5	<a href="#">Configure</a> the Infrastructure Server Memory.
6	<a href="#">Change</a> IP/Hostname, Ports, Deployed Paths of the OFSAA Instance.
7	<a href="#">Configure</a> the Infrastructure LDAP.
8	<a href="#">Configure and deploy</a> the OFSAAI Web Services.
9	<a href="#">Enable</a> the parallel execution of DML Statements.
10	<a href="#">Configure</a> the message details in the Forms Designer.
11	<a href="#">Clear</a> the Application Cache.
12	<a href="#">Configure</a> the password changes.

# 7

## Migrate Excel Upload Functionality

See the *Migrate Excel Upload* section in the [OFS Advanced Analytical Applications Infrastructure Installation Guide Release 8.1.2.0.0](#) to complete the procedures.

## 8 Frequently Asked Questions (FAQs) and Error Dictionary

For FAQs and installation error-related information, see the section *Frequently Asked Questions (FAQs) and Error Dictionary* in the [OFS Advanced Analytical Applications Infrastructure Installation Guide Release 8.1.2.0.0](#).

## OFSAA Support

Raise a Service Request (SR) in [My Oracle Support \(MOS\)](#) for queries related to the OFSAA Applications.

## Send Us Your Comments

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- Did you find any errors?
- Is the information clearly presented?
- Do you need more information? If so, where?
- Are the examples correct? Do you need more examples?
- What features did you like most about this manual?

If you find any errors or have any other suggestions for improvement, indicate the title and part number of the documentation along with the chapter/section/page number (if available) and contact the My Oracle Support.

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