## **Oracle Financial Services Data Management Application Pack**

**Installation Guide** 

Release 8.0.8.2.0

December 2021





Oracle Financial Services Data Management Application Pack

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## **Document Control**

Version Number	Revision Date	Change Log
01	April 2020	Created for the OFSDM v8.0.8.2.0 release.

## **Table of Contents**

1 Pre	face	5
1.1	Audience	5
1.1.1	Prerequisites for the Audience	5
1.2	Related Documents	
1.3	Conventions and Acronyms	6
2 OF:	S DM Application Pack Release 8.0.8.2.0	7
2.1	Prerequisites	7
2.2	How to Install this Release	7
2.3	Post Installation Configuration	10
2.3.1	Merging Key Indicators	10
2.3.2	2 Updating Measures for Key Indicators	10
2.3.3	3 Key Indicator Configuration	11
2.3.4	4 Updating Metadata Configuration for Key Indicator	12
2.3.5	Performance-related Configuration Details on Account Mapper Batch	12
2.3.6	OBIEE Configuration and Deployments	12
2.3.7	7 Run Chart for Batch Executions	13

## 1 Preface

This document provides step-by-step instructions to install the OFS Data Management Application Pack 8.0.8.2.0 Release.

This chapter discusses the following topics:

- Audience
- Related Documents
- Conventions Used

### 1.1 Audience

The Oracle Financial Services Data Management Application Pack Installation Guide is intended for administrators and implementation consultants who are responsible for installing and maintaining the application pack components.

## 1.1.1 Prerequisites for the Audience

This document assumes that you have experience in installing Enterprise components and basic knowledge of the following is recommended:

- Oracle Financial Services Advanced Analytical Applications Infrastructure pack components
- OFSAA Architecture
- UNIX Commands
- Database Concepts
- Web Server/ Web Application Server

### 1.2 Related Documents

For more information, see the Oracle Financial Services Data Management Application Pack 8.0.8.2.0 documents available in the OHC Library.

- Oracle Financial Services Data Governance for US Regulatory Reporting User Guide Release 8.0.8.0.0
- Oracle Financial Services Data Governance for European Central Reporting User Guide Release 8.0.8.0.0
- Oracle Financial Services Reconciliation Framework User Guide Release 8.0.8.0.0
- Oracle Financial Services Analytical Applications Infrastructure User Guide Release 8.0.8.0.0
  (OHC Library)
- Oracle Financial Services Analytical Applications Infrastructure Installation Guide Release 8.0.8.0.0 (OHC Library)
- Oracle Financial Services Analytical Applications Technology Matrix (OHC Library)

## 1.3 Conventions and Acronyms

Conventions	Description		
Actions are indicated in Bold.			
Command or query	Command or query is indicated in Courier New font.		
AIX	Advanced Interactive eXecutive		
OFSAAI	Oracle Financial Services Analytical Applications Infrastructure		
OFS AAAI	Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack		
OFS DM	Oracle Financial Services Data Management Application Pack		
RHEL	Red Hat Enterprise Linux		
IR	Interim Release		
ML	Maintenance Level		
Atomic Schema	Database schema where the application data model is uploaded.		
Config Schema	Database schema which contains setup related configurations and metadata		

#### **OFS DM Application Pack Release 8.0.8.2.0** 2

This release of the OFS DM Application Pack is cumulative and includes all enhancements and bug fixes done since the OFS DM Application Pack v8.0 GA release.

#### **Prerequisites** 2.1

You must have the OFS DM Application Pack version 8.0.8.0.0 as the minimum patch set level.

NOTE

Refer to the Technology Matrix for the Hardware and Software Requirements.

#### How to Install this Release 2.2

To download, extract, and configure this release, follow these steps:

- Log in to <a href="https://support.oracle.com">https://support.oracle.com</a> and search for OFS DM Maintenance Level patch ID 31168108 under the Patches & Updates tab.
- 2. Download the OFS DM Pack v8.0.8.2.0 ML Release archive file and copy it to your OFSAA server in Binary mode.
- 3. Shutdown all OFSAAI Services. For more information, see the Start/Stop Infrastructure Services section in the Oracle Financial Services Data Management Pack Installation Guide 8.0.8.0.0.
- 4. Log in to My Oracle Support, 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.

- Login to the OFSAA server with the user credentials that were used to install OFS DM.
- **6.** Execute the following command:

```
chmod -R 755 $FIC HOME
```

- **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 v8.0.8.2.0 ML installer.
  - Uncompress the unzip installer file using the following command:

```
uncompress unzip <os>.z
```

#### NOTE

If you receive an error message stating: "Uncompress: not found [No such file or directory] and the package is not installed", contact your UNIX administrator.

• Give EXECUTE permission to the file using the following command:

```
chmod 755 OFS DM 80820 <OS>.zip
```

**8.** Extract the contents of the OFS DM Application Pack v8.0.8.2.0 in the Download Directory installer archive file using the following command:

```
unzip <name of the file to be unzipped>
```

Modify the params.conf file present in the OFS\_DM\_PACK/OFS\_DM/conf directory and update the following parameters using the instructions given in the params.conf file.

In the params.conf file, update the value in the UPLOAD\_MODEL parameter to 0.

**9.** Give EXECUTE permission to the installer file. Navigate to the OFS\_DM\_PACK/ directory and execute the following command:

```
chmod 755 OFSAAIUpdate.sh
```

**10.** Execute the following software upgrade command:

```
./OFSAAIUpdate.sh
```

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

- OFS DM PACK/logs/OFSAAIUpdate.log for Infrastructure installation log file.
- OFS\_DM\_PACK/OFS\_DM/logs/OFS\_DM\_patch\_installation.log for OFS Data
  Management Application Pack installation log file.
- **11.** You can ignore the following errors in the log files:
  - ORA-00001

If there are other errors, contact My Oracle Support.

- **12.** 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 files:
    - Tomcat: <Tomcat Installation Folder>/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
- **13.** Delete the existing EAR/WAR file present in the \$FIC HOME/ficweb directory.
- 14. Apply the 33663417 Mandatory Patch.

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

**15.** Generate the application EAR/WAR file and redeploy the application onto your configured web application server. For more information on generating and deploying the EAR / WAR file, see

- the *Post Installation Configuration* section in the <u>Oracle Financial Services Data Management</u> <u>Pack Installation Guide 8.0.8.0.0</u>.
- **16.** After the successful installation of the release, restart all OFSAAI services. For more information, see the *Start/Stop Infrastructure Services* section in the <u>Oracle Financial Services Data Management Pack Installation Guide 8.0.8.0.0</u>.

## 2.3 Post Installation Configuration

**NOTE** 

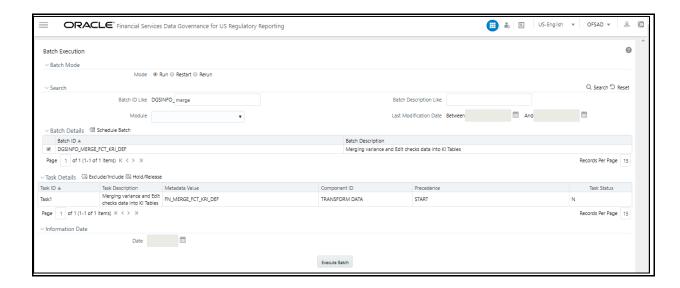
This section applies to Oracle Financial Services Data Governance for US Regulatory Reporting.

On successful installation of the Oracle Financial Services Data Management Application Pack, follow these post-installation configuration steps.

### 2.3.1 Merging Key Indicators

To merge the Key Indicators, follow these steps:

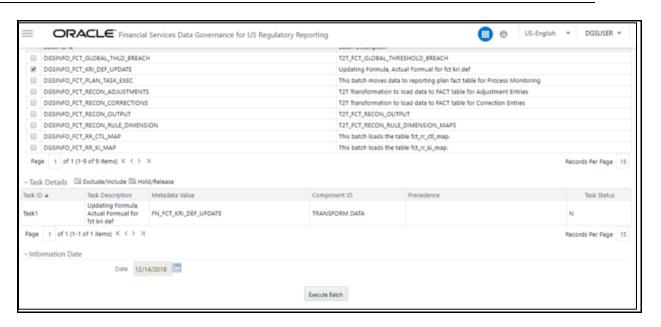
- 1. Execute the Batch Name as MERGE\_FCT\_KRI\_DEF. This batch is used to merge the variance and edit checks into the Key Indicators.
- 2. Enter the current system date as the **MISDATE** for this batch.



## 2.3.2 Updating Measures for Key Indicators

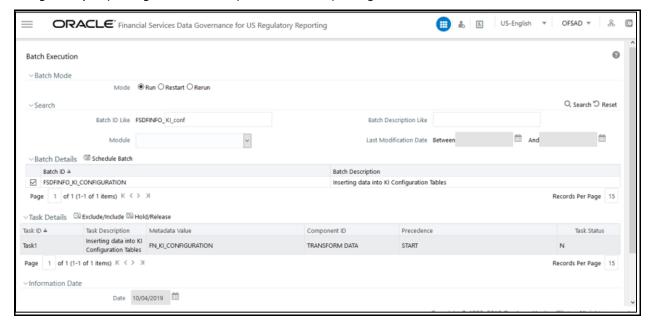
To update Measures for Key Indicators, follow these steps:

- 1. Execute the Batch Name FCT\_KRI\_DEF\_UPDATE. This batch is used to update the measure name, map key, and measure key for the Key Indicators available in the system.
- **2.** Enter the current system date as the **MISDATE** for this batch.



## 2.3.3 Key Indicator Configuration

The ##INFODOM##\_KI\_CONFIGURATION batch generates the report, schedule, and cells required for the Key Indicator Assessment configurations. In the *Key Indicator Assessment Configurations* screen, 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 *DGS US Regulatory Reporting and DGS European Central Reporting 8.0.8.0.0 User Guide* on OHC.



## 2.3.4 Updating Metadata Configuration for Key Indicator

To update metadata configuration for Key Indicators, follow these steps:

- 1. Login to the Atomic Schema.
- 2. Execute the <u>fsi\_de\_measure\_lookup\_tab\_post\_install\_script.sql</u> script.

This updates the measure configuration for the following Key Indicator Groups:

- Non-Lease Principal Component In Reporting Currency In Regulatory Account Summary
- Non-Lease Unearned Income In Reporting Currency In Regulatory Account Summary

# 2.3.5 Performance-related Configuration Details on Account Mapper Batch

 Parallel Hint for query optimization in KI Mapper can be 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 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

## 2.3.6 OBIEE Configuration and Deployments

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

- 1. Edit the /Oracle Home/bi/bifoundation/web/display/currencies.xml file.
- **2.** Update "symbol="\$" to change the preferred currency as follows:

**3.** 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.

## 2.3.7 Run Chart for Batch Executions

For batch executions, see the DGS US Regulatory Reporting 8.0.8.2.0 Run Chart on MOS.

#### NOTE

When re-runing a scenario of the Account Mapper Insert Batch (##INFODOM##\_ACCT\_MAPPER\_INSERT) for a Run Skey, truncate the runskey partition on the following tables based on the availability of data for the run skey.

- fsi\_kicond\_accnt\_map
- fsi\_kicond\_repline\_map
- fsi\_kicond\_accnt\_writeoff\_map
- fsi\_kicond\_accnt\_recovery\_map

OFSAAI	<b>Support</b>	<b>Contact</b>	<b>Details</b>
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Raise an SR in My Oracle Support (MOS) if you have any queries related to OFSAA applications.

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