

Oracle Financial Services Data Management Application Pack

Installation Guide

Release 8.0.8.2.0

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ORACLE
Financial Services

Oracle Financial Services Data Management Application Pack

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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 is indicated in <code>Courier New font</code> .	
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

2 OFS DM Application Pack Release 8.0.8.2.0

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.

2.1 Prerequisites

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.

2.2 How to Install this Release

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

1. Log in to <https://support.oracle.com> 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](#).

5. 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:
 - i. 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 [Oracle Financial Services Data Management Pack Installation Guide 8.0.8.0.0](#).

16. After the successful installation of the release, restart all OFSAI 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](#).

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.

The screenshot shows the Oracle Financial Services Data Governance for US Regulatory Reporting interface. The 'Batch Execution' section is active, showing search filters and a table of batch details.

Batch Execution Search Filters:

- Batch Mode: Run (selected), Restart, Rerun
- Batch ID Like: DGSINFO_merge
- Batch Description Like:
- Module:
- Last Modification Date: Between [] And []

Batch Details Table:

Batch ID	Batch Description
DGSINFO_MERGE_FCT_KRI_DEF	Merging variance and Edit checks data into KI Tables

Page 1 of 1 (1-1 of 1 items) K < > X

Task Details Table:

Task ID	Task Description	Metadata Value	Component ID	Precedence	Task Status
Task1	Merging variance and Edit checks data into KI Tables	FN_MERGE_FCT_KRI_DEF	TRANSFORM DATA	START	N

Page 1 of 1 (1-1 of 1 items) K < > X

Information Date: Date []

Execute 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.

Oracle Financial Services Data Governance for US Regulatory Reporting

US-English | DGSUSER

Task ID	Task Description	Metadata Value	Component ID	Precedence	Task Status
DGSINFO_FCT_GLOBAL_THLD_BREACH	T2T_FCT_GLOBAL_THRESHOLD_BREACH				
<input checked="" type="checkbox"/> DGSINFO_FCT_KRI_DEF_UPDATE	Updating Formula, Actual Formual for fct kri def	FN_FCT_KRI_DEF_UPDATE	TRANSFORM DATA		N
DGSINFO_FCT_PLAN_TASK_EXEC	This batch moves data to reporting plan fact table for Process Monitoring				
DGSINFO_FCT_RECON_ADJUSTMENTS	T2T Transformation to load data to FACT table for Adjustment Entries				
DGSINFO_FCT_RECON_CORRECTIONS	T2T Transformation to load data to FACT table for Correction Entries				
DGSINFO_FCT_RECON_OUTPUT	T2T_FCT_RECON_OUTPUT				
DGSINFO_FCT_RECON_RULE_DIMENSION	T2T_FCT_RECON_RULE_DIMENSION_MAPS				
DGSINFO_FCT_RR_CTL_MAP	This batch loads the table fct_rr_ctl_map.				
DGSINFO_FCT_RR_KI_MAP	This batch loads the table fct_rr_ki_map.				

Page 1 of 1 (1-9 of 9 items) K < > X

Records Per Page 15

Task Details ☐ Exclude/Include ☐ Hold/Release

Task ID 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 1 of 1 (1-1 of 1 items) K < > X

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Information Date

Date 12/14/2018

Execute 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](#).

Oracle Financial Services Data Governance for US Regulatory Reporting

US-English | OFSAD

Batch Execution

Batch Mode

Mode ☒ Run ☐ Restart ☐ Rerun

Search

Batch ID Like FSDFINFO_KI_conf

Batch Description Like

Module

Last Modification Date Between And

Batch Details ☐ Schedule Batch

Batch ID	Batch Description
<input checked="" type="checkbox"/> FSDFINFO_KI_CONFIGURATION	Inserting data into KI Configuration Tables

Page 1 of 1 (1-1 of 1 items) K < > X

Records Per Page 15

Task Details ☐ Exclude/Include ☐ Hold/Release

Task ID	Task Description	Metadata Value	Component ID	Precedence	Task Status
Task1	Inserting data into KI Configuration Tables	FN_KI_CONFIGURATION	TRANSFORM DATA	START	N

Page 1 of 1 (1-1 of 1 items) K < > X

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Information Date

Date 10/04/2019

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 [fsi_de_measure_lookup_tab_post_install_script.sql](#) 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	<code>/*+ PARALLEL(4)*/*</code>	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:

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

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-running 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 Support Contact Details

Raise an SR in [My Oracle Support \(MOS\)](#) if you have any queries related to OFSAA applications.

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