

Oracle Financial Services Data Foundation Application Pack

Release Notes

Release 8.1.2.5.1

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ORACLE
Financial Services

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Document Control

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1 Preface

This section provides supporting information for the Oracle Data Foundation (OFSDF) Application Pack Release Notes v8.1.2.5.1.

Topics:

- [Audience](#)
- [How this Guide is Organized](#)
- [Access to the Oracle Support](#)
- [Related Documents](#)

1.1 Audience

This document is intended for Administrators, Business Users, Strategists, and Data Analysts, who handle installing and maintaining the application pack components and have knowledge of the following:

- OFSAA Application Components
- OFSAA Architecture
- UNIX Commands
- Database Concepts
- OFSDF Data Model

1.2 How this Guide is Organized

The OFSDF Application Pack Release Notes includes the following sections:

- [Introduction](#): This section provides information about the OFSDF Application Pack and its components.
- [OFSDF Application Pack Release Notes v8.1.2.5.1](#): This section provides information about the OFSDF Application Pack Release v8.1.2.5.1 such as new features and prerequisites for the release, how to apply for this release and the list of bugs fixed and enhancements done, and the known issues or limitations, if any.
- [Hardware and Software Tech Stack Details](#): This section provides a reference to the OFSAA Technology Stack Matrices document required for this release.
- [Licensing Information](#): This section provides a reference to the Licensing Information User Manual required for this release.

1.3 Access to the Oracle Support

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

1.4 Related Documents

Oracle strives to keep this, and all other related documents updated regularly. Visit the [OHC Documentation Library](#) and [My Oracle Support \(MOS\)](#) web pages to download the latest document version available. The list of related documents is as follows:

- For the OFSDF Application Pack Release 8.1.x.x.x product documents [OHC Documentation Library](#).
- For the OFSDF Application Pack Release 8.1.x.x.x other documents [OHC Documentation Library](#).
- [My Oracle Support](#) for the OFSDF Application Pack Release 8.1.x.x.x technical documents:
 - *Data Model Difference Reports*
 - *Changelog*
 - *SCD Metadata*
 - *T2T Metadata*
 - *Run Chart*
- [Oracle Financial Services Analytical Applications \(OFSAA\) Technology Matrix Release 8.1.2.0.0](#)
- [Oracle Financial Services Analytical Applications \(OFSAA\) Licensing Information User Manual Release 8.1.2.0.0](#)

2 Introduction

OFSAA is a suite of applications covering risk, performance, financial crime, compliance, customer insight, and regulatory reporting functions. These applications are built on a common technology infrastructure, which works off a singular Data Model that has unified structures for non-redundant acquisition, hosting, and processing of data, and renders rich information output that can be analyzed across a conformed set of perspectives. Sophisticated processing engines underlying the suite facilitates modular deployment and are controlled by comprehensive, user-configurable metadata.

The OFSAA applications are in use at several financial institutions across the globe.

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

Topics:

- [About the Oracle Financial Services Data Foundation Application Pack](#)
- [Components of the OFSDF Application Pack](#)

2.1 About the Oracle Financial Services Data Foundation Application Pack

The Oracle Financial Services Data Foundation (OFSDF) Application Pack is an analytical data warehouse platform for the financial services industry. OFSDF Application Pack combines an industry Data Model for financial services along with a set of management and infrastructure tools that allows financial services institutions to develop, deploy, and operate analytical solutions spanning key functional areas in financial services, including:

- Enterprise Risk Management
- Enterprise Performance Management
- Customer Insight
- Financial Crime and Compliance Management

OFSDF is a comprehensive Data Management platform that helps institutions to manage the analytical data life cycle from Sourcing to Reporting and Business Intelligence (BI) using a unified, consistent platform and toolset.

2.2 Components of the OFSDF Application Pack

The OFSDF Application Pack consists of the following components, which are described in additional detail in the following sections:

- **Financial Services Analytical Warehouse Data Model**

This is a physical Data Model that supports data sourcing and reporting related to key analytical use cases in the Financial Services industry. The Warehouse Model is a physical Data Model, unlike the OFSDF LDM, meaning that it is readily deployable, and consists of database object definitions, and additional supporting scripts.

It is organized into two distinct sets of tables based on purpose: The Staging Model, which facilitates data sourcing from the bank's internal operational systems such as Lending systems, Trading Systems, Collateral Management systems, and Master Data Management Systems.

The Reporting Model, which facilitates the storage of outputs from analytical tools, applications, and engines in a manner that is conducive to Business Intelligence Reporting. The Warehouse Model is typically deployed into production through a set of Management Tools known as the Oracle Financial Services Analytical Application Infrastructure (OFSAAI). OFSAAI is a separate product and is a prerequisite for OFSDF.

- **Supporting Scripts**

As part of the OFSDF Package, additional scripts are provided for basic operations such as internal data movement between the Staging and Reporting tables.

3 OFSDF Application Pack Release Notes v8.1.2.5.1

Oracle Financial Services Data Foundation Application Pack v8.1.2.5.1 One-off Patch.

Patch ID **36261347**: ORACLE FINANCIAL SERVICES DATA FOUNDATION 8.1.2.5.0 ONE-OFF PATCH#1 RELEASE (8.1.2.5.1)

NOTE

The OFSDF Application Pack Release 8.1.2.5.1 patch is applicable only for the RDBMS mode of installation.

Oracle Data Foundation Application Pack is a separately licensed product.

Topics:

- [New Features](#)
- [Bugs Fixed in this Release](#)
- [Known Issues or Limitations](#)

3.1 New Features

The new features in this release are as follows.

The following T2Ts are added to the external engine:

- T2T_FCT_IFRS_ACCOUNT_SUMMARY
- T2T_FCT_LLFP_ACCOUNT_SUMMARY

For information about using the existing features, see the [Oracle Financial Services Data Foundation Application Pack User Guide Release 8.1.2.0.0](#).

3.2 Prerequisites

The following prerequisite software must be installed for this release:

- Oracle Financial Services Data Foundation (OFSDF) Application Pack v8.1.2.5.0 Maintenance Level Release Patch ID **36176090** plus other prerequisite OFSDF Patches (download from [My Oracle Support \(MOS\)](#)) must be installed and configured on your machine. For more information, see the *Preparing for Installation* Section in the [Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.1.2.5.0](#).
- Oracle Financial Services Data Foundation (OFSDF) v8.1.2.5.0 POI slice for integration Patch ID **36266570**.

3.3 Installing this One-off Patch Release

To install this release, follow these steps:

NOTE The OFSDF Application Pack Release 8.1.2.5.1 patch is applicable only for the RDBMS mode of installation.

1. Log in to [My Oracle Support \(MOS\)](#) and navigate to the **Patches & Updates** tab.
2. Search for the OFSDF Application Pack patch ID **36261347**.
3. Download the `36261347_GENERIC.zip` archive file and copy it to your OFSAA Server in the Binary mode.
4. Shut down all the OFSAAI Services.

For more information, see the *Stop the Infrastructure Services* section in the [Oracle Financial Services Advanced Analytical Applications Infrastructure Installation Guide Release 8.1.2.0.0](#).

5. Create a new directory for the patch `36261347_GENERIC.zip` archive file using the following command:

```
mkdir 36261347
```

6. Copy the `36261347_GENERIC.zip` archive file into the `36261347` directory.
7. Extract the contents of the patch archive file using the following command:

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

For example, `unzip -a 36261347_GENERIC.zip`

NOTE The "-a" option is mandatory to unzip the patch archive file. Before installing the package, if you notice the error message "*unzip: not found [No such file or directory]*", contact your UNIX Administrator to resolve the issue.

For more information, see the [Oracle Financial Services Advanced Analytical Applications Infrastructure Installation Guide Release 8.1.2.0.0](#).

8. Navigate to the path `<>/OFS_FSDF/bin`.
Unzip the `mediaPack.tar.gz` file.

```
tar -xvf mediaPack.tar.gz
```
9. Navigate to the path `<>/OFS_FSDF/bin/ExternalEngine_Artifacts`.
10. In the `ExternalEngine_Artifacts` folder files, replace the placeholders (For example, `##INFODOM##`). Then execute the following Metadata Scripts in the Config Schema:
 - `DM_T2T_FCT_IFRS_PLACED_COLLATERAL.sql`
 - `DM_T2T_FCT_LLFP_CRE_FACILITY_SUMMARY.sql`
 - `DM_T2T_FCT_LRM_MITIGANTS_SUMMARY.sql`

- DM_T2T_FCT_LRM_PLACED_COLLATERAL.sql
- DM_T2T_FCT_COHORT_LOAN_LOSS_DETAILS.sql
- DM_T2T_FCT_IFRS_CREDIT_LINE_DETAILS.sql
- DM_T2T_FCT_IFRS_MITIGANTS_SUMMARY.sql
- DM_T2T_FCT_IFRS_ACCOUNT_SUMMARY.sql
- DM_T2T_FCT_LLFP_ACCOUNT_SUMMARY.sql

11. For creating a PMF Run for the External Engine T2Ts, in the PMF Script file, replace the placeholders (For example, ##INFODOM##). Then execute the following Script in the Config Schema:

- pmf_EXTERNAL_ENGINE_LOAD_RUN.sql

12. The External Engine related PMF Process (Process Name is Financial Services Data Foundation External Engine Run and Process ID is EXTERNAL_ENGINE_RUN) is available for usage in the Process Modeling Framework Module of the OFSDF Application UI. In the Process Modeller Page, execute the External Engine PMF Process (Process Name is Financial Services Data Foundation External Engine Run and Process ID is EXTERNAL_ENGINE_RUN) and verify the result (data populated) in the following Fact Tables:

- FCT_IFRS_CREDIT_LINE_DETAILS
- FCT_IFRS_MITIGANTS_SUMMARY
- FCT_IFRS_PLACED_COLLATERAL
- FCT_LLFP_CRE_FACILITY_SUMMARY
- FCT_COHORT_LOAN_LOSS_DETAILS
- FCT_LRM_MITIGANTS_SUMMARY
- FCT_LRM_PLACED_COLLATERAL
- FCT_IFRS_ACCOUNT_SUMMARY
- FCT_LLFP_ACCOUNT_SUMMARY

13. Generate the application EAR or WAR file and redeploy the application in the configured Web Application Server.

For more information, see the *Creating and Deploying EAR/WAR File* section in the [Oracle Financial Services Advanced Analytical Applications Infrastructure Installation Guide Release 8.1.2.0.0](#).

14. Restart all the OFSAI Services after successful deployment.

For more information, see the *Starting Infrastructure Services* section in the [Oracle Financial Services Advanced Analytical Applications Infrastructure Installation Guide Release 8.1.2.0.0](#).

3.4 Bugs Fixed in this Release

The fixed, enhanced, or modified bugs as part of Oracle Financial Services Data Foundation Application Pack Release v8.1.2.5.1 are as follows.

Bug Number	Bug Description	Change Comments
36092299	STAGING POI TABLES EXTENSION FOR LLFP/IFRS RELATED EXTERNAL ENGINES	T2T_FCT_LLFP_ACCOUNT_SUMMARY.sql and T2T_FCT_IFRS_ACCOUNT_SUMMARY.sql have been developed and included as part of this release.

3.5 Known Issues or Limitations

There are no Known Issues or Limitations in the Oracle Financial Services Data Foundation Application Pack Release v8.1.2.5.1.

4 Hardware and Software Tech Stack Details

The hardware and software combinations required for the OFS Data Foundation Application Pack Release v8.1.2.0.0 are available in the [Oracle Financial Services Analytical Applications \(OFSAA\) Technology Matrix Release 8.1.2.0.0](#).

5 Licensing Information

For details on the third party software tool used, see the [Oracle Financial Services Analytical Applications \(OFSAA\) Licensing Information User Manual Release 8.1.2.0.0](#) available in the OHC Documentation Library.

OFSAA Support

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

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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?
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