

Oracle Financial Services Data Foundation Application Pack

Release Notes

Release 8.1.0.1.1

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ORACLE
Financial Services

OFS Data Foundation Application Pack Release Notes

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Document Control

Version Number	Revision Date	Change Log
1.0	11-December-2020	Created and published the Release Notes document for the OFSDF Application Pack v8.1.0.1.1.

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1 Preface

This section provides supporting information for the Oracle Financial Services Data Foundation Application Pack Release Notes v8.1.0.1.1.

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 v8.1.0.1.1](#): This section provides information about the OFSDF Application Pack Release v8.1.0.1.1 such as new features in this release, prerequisites for the release, applying this release, the list of bugs fixed and enhancements done in this release, 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 Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For more 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.

1.4 Related Documents

Oracle strives 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 as follows:

- The following are the OFSDF Application Pack Release 8.1.x.x.x documents:
 - [Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.1.0.1.0](#)
 - [Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.1.0.0.0](#)
 - [Oracle Financial Services Data Foundation Application Pack User Guide Release 8.1.0.0.0](#)
- The following are the OFS AAI Application Pack Release 8.1.x.x.x documents:
 - [Oracle Financial Services Advanced Analytical Applications Infrastructure Installation and Configuration Guide Release 8.1.0.0.0](#)
 - [Oracle Financial Services Advanced Analytical Applications Infrastructure Installation and Configuration Guide Release 8.1.0.1.0](#)
 - [OFS Advanced Analytical Applications Infrastructure Application Pack 8.1.0.1.0 ReadMe](#)
- [Oracle Financial Services Analytical Applications Technology Matrix Release 8.1.0.0.0](#)

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 facilitate modular deployment and are controlled by comprehensive, user-configurable metadata.

OFSAA applications are used by many 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 Logical Data Model (FS LDM)**

This is a reference model of the Financial Services domain spanning Banking and Capital Markets. This model captures the business processes of a typical Financial Services institution in detail.

These primarily include core banking business activities such as Retail Banking, Corporate or Merchant Banking, Wealth Management, Trading, and Securities Services. This is a logical data model, which means that it cannot be readily used.

The structures modeled in the OFSDF LDM provides an abstract, graphical model of the Financial Services domain using Entity-Relationship modeling. It can be thought of as a detailed blueprint for organizing data within a Financial Services institution. It provides a reference guide for institutions to understand the salient data related to a specific business process. To use the OFSDF in practice, customers deploy the OFSDF Analytical Warehouse Model, which is derived from the LDM (blueprint).

- **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 v8.1.0.1.1

Oracle Financial Services Data Foundation Application Pack v8.1.0.1.1 One-off Patch Release includes all enhancements and bug fixes since the v8.1.0.1.0 release for Stage and Results on RDBMS.

Patch ID **32229206** - ORACLE FINANCIAL SERVICES DATA FOUNDATION PACK 8.1.0.1.1 ONE-OFF PATCH RELEASE

NOTE

This release patch is applicable only for the RDBMS mode of installation.

OFS Data Foundation Application Pack is a separately licensed product.

Topics:

- [New Features](#)
- [Prerequisites](#)
- [Applying this One-off Patch Release](#)
- [Bugs Fixed in This Release](#)
- [Known Issue or Limitations](#)

3.1 New Features

There are no new features as a part of the OFS Data Foundation Application Pack Release v8.1.0.1.1.

For detailed information on using the existing features, see the [Oracle Financial Services Data Foundation Application Pack User Guide Release 8.1.0.0.0](#).

For more information on the OFS AAI requirements, see the [Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack 8.1.0.1.0 ReadMe](#).

3.2 Prerequisites

The following prerequisite software must be installed for this release:

- Oracle Financial Services Data Foundation Application Pack v8.1.0.1.0 Maintenance Release patch ID **31775876** (download from [My Oracle Support \(MOS\)](#)). For more information, see the *Pre-installation Requirements* section in the [Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.1.0.1.0](#).
- Oracle Financial Services Advanced Analytical Applications Infrastructure (OFSAAI) Application Pack One-off patch ID **32191864** (download from [My Oracle Support \(MOS\)](#)) must be installed and configured on your machine. For more information, see the ReadMe document attached with the patch.

3.3 Applying this One-off Patch Release

To install this release, follow these steps:

NOTE This release patch is applicable only for the RDBMS mode of installation.

1. Log in to [My Oracle Support](#), and search for the patch ID **32229206** under the **Patches & Updates** tab.
2. Download the `32229206_GENERIC.zip` archive file and copy it to your OFSAA server in the Binary mode.
3. 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 and Configuration Guide Release 8.1.0.0.0](#).

4. Create a new directory for the patch `32229206_GENERIC.zip` archive file using the following command:

```
mkdir 32229206
```

5. Copy the `32229206_GENERIC.zip` archive file into the `32229206` directory.

6. 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 32229206_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 Data Foundation Application Pack Installation and Configuration Guide Release 8.1.0.0.0](#).

7. Assign the `RWX` or `775` permission to the `32229206` directory using the following command:

```
chmod -R 775 32229206
```

8. Navigate to the `<>/appsLibConfig/conf` directory.

9. Update the `UPLOAD_MODEL` parameter value to `0` in the `params.conf` file to skip the model upload.

10. Navigate to the `<>/OFS_FSDF/bin` directory.

11. Execute the following setup command:

```
./setup.sh
```

12. Verify the patch installation logs in the `<>/OFS_FSDF/logs` directory. If there are any errors, contact [My Oracle Support](#).

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 Data Foundation Application Pack Installation and Configuration Guide Release 8.1.0.0.0](#).
14. After successful deployment, restart all the OFSAAI services. For more information, see the *Starting Infrastructure Services* section in the [Oracle Financial Services Advanced Analytical Applications Infrastructure Installation and Configuration Guide Release 8.1.0.0.0](#).

3.4 Bugs Fixed in this Release

The following modification (bug fix) is included in the OFS Data Foundation Application Pack release v8.1.0.1.1.

Table 1: The list of bugs fixed in this release

Bug Number	Bug Description	Change Comments
32229206	ORACLE FINANCIAL SERVICES DATA FOUNDATION PACK 8.1.0.1.1 ONE-OFF PATCH RELEASE	In this patch, the inconsistent appearance of the PMF Run parameter related to the application ID in an integrated environment is resolved. In this patch, enabled the insertion of the N_APP_ID value in the respective AOM tables to generate a set of the PMF Run parameters that apply to the respective OFSAA applications. In this scenario, the OFSAA application is OFSDF Application Pack. Therefore, the records are inserted with the N_APP_ID value as OFS_FSDF into the tables AAI_AOM_STATIC, AAI_AOM_STATIC_TL, and AAI_AOM_APP_COMP_ATTR_TL.

3.5 Known Issues or Limitations

There are no known issues or limitations in this OFS Data Foundation Application Pack release.

4 **Hardware and Software Tech Stack Details**

The hardware and software combinations required for the OFS Data Foundation Application Pack Release v8.1.0.1.1 are available in the [Oracle Financial Services Analytical Applications Technology Matrix Release 8.1.0.0.0](#).

5 **Licensing Information**

For details on the third party software tool used, see the [OFSAA Licensing Information User Manual Release 8.1.0.0.0](#) 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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