Oracle Financial Services Data Foundation Application Pack

Release Notes

Release 8.0.9.3.2

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ORACLE
Financial Services

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OFS Data Foundation Application Pack Release Notes

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Document Control

Version Number	Revision Date	Change Log
1.0	19-November-2020	Created and published the Release Notes document for the OFSDF Application Pack v8.0.9.3.2.

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1 Preface

This section provides supporting information for the Oracle Financial Services Data Foundation Application Pack Release Notes v8.0.9.3.2.

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 v8.0.9.3.2: This section provides information about the OFSDF Application Pack Release v8.0.9.3.2 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

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:

- OFS Data Foundation Application Pack Installation and Configuration Guide Release 8.0.9.3.0
- OFS Data Foundation Application Pack Installation and Configuration Guide 8.0.9.0.0
- OFS Data Foundation Application Pack User Guide Release 8.0.9.0.0
- OFS Advanced Analytical Applications Infrastructure Installation Guide Release 8.0.9.3.0
- OFS Advanced Analytical Applications Infrastructure Installation Guide Release 8.0.7.0.0
- OFS Analytical Applications Technology Matrix Release 8.0.7.0.0
- OFS Advanced Analytical Infrastructure User Guide Release 8.0.7.0.0

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 v8.0.9.3.2

Oracle Financial Services Data Foundation Application Pack v8.0.9.3.2 One-off Patch Release includes all bug fixes since the v8.0.9.3.0 release for Stage and Results on RDBMS.

Patch ID **32168535**: FSDF 8.0.9.3.0 ONE-OFF PATCH#2 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
- Installing this One-off Patch Release
- List of Bugs Fixed in this Release
- Known Issues or Limitations

3.1 New Features

There is no new feature added as a part of the OFS Data Foundation Application Pack Release v8.0.9.3.2.

For detailed information about using the existing features, see the OFS Data Foundation Application Pack User Guide Release 8.0.9.0.0.

For more information about the OFS AAI requirements, see the OFS Advanced Analytical Applications Infrastructure Installation Guide Release 8.0.9.3.0.

3.2 Prerequisites

The following prerequisite software must be installed for this release:

- Oracle Financial Services Data Foundation (OFSDF) Application Pack v8.0.9.3.0 ML Patch Release (with the installer patch ID **31710049**) plus other prerequisite OFSDF patches (download from My Oracle Support (MOS)) must be installed and configured on your machine. For more information, see the OFS Data Foundation Application Pack Installation and Configuration Guide Release 8.0.9.3.0.

3.3 Installing 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 the My Oracle Support and search for the Patch ID **32168535** under the **Patches & Updates** tab.

2. Download the `32168535_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 *Stopping Infrastructure Services* section in the OFS Advanced Analytical Applications Infrastructure Application Pack Installation and Configuration Guide 8.0.7.0.0.
4. Extract the contents of the patch archive file by using the following command:

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

   For example: `unzip -a 32168535_GENERIC.zip`

   > **NOTE** The "`-a`" option is mandatory to unzip the patch archive file. If you notice the error message *"unzip: not found [No such file or directory]"* when the package is not installed, contact your UNIX Administrator to resolve this issue. For more information, see the Oracle Financial Services Data Foundation Installation and Configuration Guide Release 8.0.9.0.0.

5. Grant the `RWX (755)` permissions for the `OFS_BFND` folder by executing the following command:

   ```
   chmod -R 755 OFS_BFND
   ```

6. Navigate to the `<>/OFS_BFND/conf` directory.
7. Update the `UPLOAD_MODEL` parameter value to `0` in the `params.conf` file to skip the model upload.
8. Navigate to the `<>/OFS_BFND/bin` directory.
9. Execute the following command:

   ```
   ./install.sh
   ```

10. Verify the patch installation logs in the `<>/OFS_BFND/logs` directory. If there are any errors, contact My Oracle Support.
11. 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 Installation and Configuration Guide Release 8.0.9.0.0.
12. After the successful deployment, restart all the OFSAAI services. For more information, see the *Starting OFSAA Infrastructure Services* section in the OFS Advanced Analytical Applications Infrastructure Application Pack Release 8.0.7.0.0.

3.4 Bugs Fixed in this Release

The following modifications and bug fixes are included in OFS Data Foundation Application Pack release v8.0.9.3.2.

Table 1: The list of bugs fixed in this release

Bug Number	Bug Description	Change Comments
32170098	MODIFY FILTERS AND ANSIJOINS - NVL FUNCTION TO BE REPLACED WITH OR CONDITION	Modified the Filters and ANSI Joins in the T2Ts T2T_FLAS_STG_LOAN_CONTRACTS, T2T_FDB_STG_CASA, T2T_FCT_CARDS_SUMMARY. The NVL function is replaced with the OR condition. This modification improves the execution time and results in the performance gain of 60% to 80%.

3.5 Known Issues or Limitations

There are no known issues or limitations in the OFS Data Foundation Application Pack Release v8.0.9.3.2.

4 Hardware and Software Tech Stack Details

The hardware and software combinations required for the OFS Data Foundation Application Pack Release v8.0.9.3.2 are available in the Oracle Financial Services Analytical Applications 8.0.9.0.0 Technology Matrix.

5 Licensing Information

For details on the third party software tool used, see the OFSAA Licensing Information User Manual Release 8.0.9.0.0 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.

Send Us Your Comments

Oracle welcomes your comments and suggestions on the quality and usefulness of this publication. Your input is an important part of the information used for revision.

- 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.

Before sending us your comments, you might like to ensure that you have the latest version of the document wherein any of your concerns have already been addressed. You can access My Oracle Support site that has all the revised or recently released documents.