Oracle Financial Services Data Foundation Application Pack

Release Notes

Release 8.0.9.0.0

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ORACLE
Financial Services

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Oracle Financial Services Data Foundation Application Pack Release Notes

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1 Preface

This Preface provides supporting information for the Oracle Financial Services Data Foundation Application Pack Release Notes and includes the following topics:

- Overview of OFSAA
- Purpose of This Document
- Intended Audience
- Documentation Accessibility
- Related Documents

1.1 Overview of OFSAA

In today's turbulent markets, financial institutions require a better understanding of their risk-return, while strengthening competitive advantage and enhancing long-term customer value. Oracle Financial Services Analytical Applications (OFSAA) enable financial institutions to measure and meet risk-adjusted performance objectives, cultivate a risk management culture through transparency, lower the costs of compliance and regulation, and improve insight into customer behavior.

OFSAA uses industry-leading analytical methods, shared data model and application architecture to enable integrated risk management, performance management, customer insight, and compliance management. OFSAA actively incorporates risk into decision-making, enables to achieve a consistent view of performance, promote a transparent risk management culture, and provide pervasive intelligence.

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

1.2 Purpose of this Document

This document contains release information for Oracle Financial Services Data Foundation Application Pack (OFSDF).

1.3 Intended Audience

This document is intended for users of Oracle Financial Services Data Foundation Application Pack.

1.4 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

1.5 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.

1.6 Related Documents

This section identifies additional documents related to the OFSDF application v8.0.9.0.0. You can access the Oracle documentation online from the OHC Documentation Library.

- Oracle Financial Services Data Foundation Application Pack Installation Guide Release 8.0.9.0.0
- Oracle Financial Services Data Foundation Application Pack User Guide Release 8.0.9.0.0
- Oracle Financial Services Analytical Applications Technology Matrix

2 Introduction to Oracle Financial Services Data Foundation Application Pack

The Oracle Financial Services Data Foundation (OFSDF) is an analytical data warehouse platform for the financial services industry. OFSDF 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.

2.1 Components of OFSDF

OFSDF 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/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 Logical Data Model (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 via a set of management tools known as the Oracle

Financial Services Analytical Application Infrastructure (OFSAAI). The AAI is a separate product and is a prerequisite for OFSDF.

- **Supporting Scripts**

  As part of the OFSDF package, there are additionally a number of scripts provided for basic operations such as internal data movement between the staging and reporting areas.

Oracle Financial Services Data Foundation Application Pack v8.0.9.0.0 Minor Release is cumulative of all enhancements and bug fixes that are done since v8.0.2.0.0 release.

Patch **30692880** - ORACLE FINANCIAL SERVICES DATA FOUNDATION 8.0.9.0.0 MINOR RELEASE (FSDF)

> **NOTE** Erwin file patch **30324997** for OFSDF 8.0.9.0.0 is available at My Oracle Support.

OFS Data Foundation Application Pack is a separately licensed product.

This chapter includes the following topics:

- New Features
- Prerequisites
- How to Apply this Minor Release?
- List of Bugs Fixed in This Release
- Known Issue/Limitations

2.2 New Features

The new features that are part of the OFS Data Foundation Application Pack release 8.0.9.0.0 are:

Feature Name	Feature Description	Bug Number
Process Modelling Framework (PMF)	Introduced one more feature called as Process Modeling Framework (PMF) feature to execute the two out-of-the-box Runs for data loading. The two out-of-the-box Runs are FSDF Sourced Run and FSDF Execution Run. Process Modeling Framework (PMF) is a design and execution framework that enables the Process Pipeline developers to implement various Pipelines modeled by the Business Analysts. The Process Pipeline developers use the framework to orchestrate the Business Pipelines and Run Pipelines within OFSAA and to design the artifacts that participate in the Pipelines, to complete their implementation. To execute a Run, use either PMF or the existing Run Management feature.	30547307
Restatement Support	Introduced Restatement Support feature that enables backdated execution for any Start Date/End Date explicitly for a	30591359

Feature Name	Feature Description	Bug Number
	specific list of metadata (Latest Record Indicator by default remains unchanged). When a regulatory common body asks a bank or financial institution to revise, correct an error, and refile a report for a past reporting period, Restatement Support is the solution. Using Restatement Support, that bank or financial institution can make the required corrections and rerun the report for that past date. The user can enable this feature for FRY9C, FFICE031, and 041 reports in the product OFS Regulatory Reporting for US Federal Reserve. For detailed information on the Restatement of specific reports, see the respective Regulatory and Compliance related product User Guides. **Note**: This feature is supported only in the RDBMS based OFSDF application in this release.	

For detailed information on the usage of the existing features, see Oracle Financial Services Data Foundation Application Pack User Guide Release 8.0.9.0.0 in the OHC Documentation Library.

For more information on the OFS AAI requirements, see OFS Advanced Analytical Applications Infrastructure Application Pack 8.0.9.0.0 Readme in the OHC Documentation Library.

2.3 Prerequisites

The prerequisite software that must be installed for this release is:

- To upgrade to Oracle Financial Services Data Foundation Application Pack 8.0.9.0.0, you need to have at least Oracle Financial Services Data Foundation Application Pack 8.0.2.0.0 or higher version installed on your system.

2.4 How to Apply this Minor Release?

For detailed instructions on installing this Minor Release, refer to Oracle Financial Services Data Foundation Application Pack Installation Guide Release 8.0.9.0.0 in the OHC Documentation Library.

NOTE This patch installation has taken approximately 3 hours to complete in Oracle Test Labs.

For Big Data (Hive) deployment process, this patch installation has taken approximately 4.5 hours to complete in Oracle Test Labs.

2.5 List of Bugs Fixed in this Release

The list of modifications and bug fixes as part of the OFS Data Foundation Application Pack release 8.0.9.0.0 are:

Bug Number	Bug Description	Change Comments
30547307	IMPLEMENTATION OF PROCESS MODELLING FRAMEWORK FOR FSDF SOURCE RUN AND EXECUTION RUN	To execute the two out-of-the-box Runs for data loading, introduced one more feature called Process Modeling Framework (PMF) feature. The two out-of-the-box Runs are FSDF Sourced Run and FSDF Execution Run.
30591359	ALL LRI CHECK REPLACE WITH START DATE AND END DATE IN FCAS	Introduced Restatement Support feature that enables backdated execution for any Start Date/End Date explicitly for a specific list of metadata.
30386539	ADDITIONAL COLUMNS AND T2T TRANSFORMATION REQUIRED FOR SYNDICATION PARTICIPATION	Added the Balance fields and T2T transformations in the STG_CREDIT_PARTCPTN_DETAILS table to ensure correct balance calculation in the specific schedules in the Participated/Syndicated Contracts.
30445222	METADATA CHANGE FOR ENABLING FSI_INTRA_COMPANY_ACCOUNTS FROM T2T_FCT_FUND_CIS_COMPOSITION	For a given run execution, Accounts/Investments where Legal Entity and Issuer/Customer are from the same organization, the hierarchy must not be loaded to the result table. It must be loaded to the table FSI_INTRA_COMPANY_ACCOUNTS instead of FCT_FUNDS_CIS_COMPOSITION. Therefore, omitted intracompany transactions from loading into the table FCT_FUND_CIS_COMPOSITION by introducing filters and modifying the Join in T2T_FCT_FUND_CIS_COMPOSITION.
30263615	T2T REQUIRED TO FCT_DEPOSIT_BORROWINGS.N_AVG_BROKERED_DEPOSIT_BAL_RCY	Added mapping from the column STG_TD_CONTRACTS.N_AVG_BROKERED_DEPOSIT_BAL to the column FCT_DEPOSIT_BORROWINGS.N_AVG_BROKERED_DEPOSIT_BAL_RCY in T2T_FDB_STG_TD_CONTRACTS.
30204582	T2T JOINS FOR TABLE: DIM_BALANCE_SHEET_CATEGORY TO SUPPORT VALUES INITCAP/SMALL/CAPITAL	Modified the Joins by adding snippet for the UPPER case for the Codes column in the DIM_BALANCE_SHEET_CATEGORY table. The purpose is to perform the comparison between the corresponding columns by overlooking the text case sensitivity.
30204510	DIM_BALANCE_SHEET_CATEGORY NEEDS CAPITALIZATION	Changed the V_BALANCE_SHEET_CATEGORY_CD column codes to the upper case in the table DIM_BALANCE_SHEET_CATEGORY.
30198315	V_DATA_ORIGIN IN STG_LOANS_SERVICED, STG_ACCT_RECOVERY_DETAILS,	Added the following mappings: • From the column STG_LOANS_SERVICED.V_DATA_ORIGIN to

Bug Number	Bug Description	Change Comments
	AND STG_ACCOUNT_RATING_DETAILS	the column FCT_LOANS_SERVICED.N_DATA_SOURCE_CD in T2T_FCT_LOANS_SERVICED. • From the column STG_ACCT_RECOVERY_DETAILS.V_DATA_ORIGIN to the column FCT_ACCT_RECOVERY_DETAILS.N_DATA_SOURCE_CD in T2T_FCT_ACCT_RECOVERY_DETAILS. • From the column STG_ACCOUNT_RATING_DETAILS.V_DATA_ORIGIN to the column FCT_ACCOUNT_RATING_DETAILS.N_DATA_SOURCE_CD in T2T_FCT_ACCOUNT_RATING_DETAILS.
30049229	DATA ORIGIN FIELD IS REQUIRED IN ALL STAGE TABLES & T2TS MODIFICATION TO MOVE DATA TO FACT	To capture Data Origin, added the column V_DATA_SOURCE_CODE to the tables STG_ACCOUNT_RATING_DETAILS and STG_ACCOUNT_MGR_REL; and added the column N_DATA_SOURCE_CD to the tables FCT_ACCOUNT_RATING_DETAILS and FCT_ACCOUNT_MGR_REL, and added mappings.
29948835	F_SECURED_IND COLUMN DESCRIPTION NEEDS TO BE UPDATED FOR THE USAGE ON PREFERRED DEPOSITS	Updated the F_SECURED_IND column definition for STG_CASA, STG_TD_CONTRACTS, and other Product Processor tables for Preferred Deposits.
29862637	V_DATA_ORIGIN MISSING FROM STG_CREDIT_PARTCPN_DETAILS	Added the column V_DATA_ORIGIN in the table STG_CREDIT_PARTCPN_DETAILS and the column N_DATA_SOURCE_CD in the table FCT_CREDIT_PARTCPN_DETAILS; and mapped the column STG_CREDIT_PARTCPN_DETAILS.V_DATA_ORIGIN to the column FCT_CREDIT_PARTCPN_DETAILS.N_DATA_SOURCE_CD.
29689298	INCONSISTENT DATA LENGTH FOR V_ACCOUNT_MANAGER_CODE DIM_MANAGEMENT	Increased data type length of the columns V_ACCOUNT_MANAGER_CODE and V_PARENT_MANAGER_CODE to VARCHAR2(50) in all the tables where these two columns are present.
29283085	NEED DATE OF TERMINATION COLUMN IN STG_EMPLOYEE_MASTER	Added the column D_TERMINATION_DATE in the tables STG_EMPLOYEE_MASTER and DIM_EMPLOYEE, and mapped the column from the table STG_EMPLOYEE_MASTER to the table DIM_EMPLOYEE.
28569376	ISSUE WITH THE JOIN - T2T_STG_LC_CAS	Changed the Join in T2T_STG_LC_CAS from STG_LC_CONTRACTS.V_BUSINESS_UNIT_CODE to STG_LC_CONTRACTS.V_ORG_UNIT_CODE.

Bug Number	Bug Description	Change Comments
28141952	FSDF 8.0.5.1 CONTAINS OLD VERSION OF DIMENSION LOADER FN_DRMDATALOADER	In Oracle Financial Services Data Foundation (version 8.0.5.1.0), added the parameter "FORCE_MEMBER_DELETE" in the Dimension Loader function FN_DRMDATALOADER and in the package STG_DIMENSION_LOADER.
28130353	DIM_LOB_ID IS INCORRECTLY ADDED TO REV_DIMENSIONS_B AS KEY DIMENSION	A script is included in the installation process for DIM_LOB_ID to delete the correct records from REV_DIMENSIONS_B, REV_DIMENSIONS_TL, REV_DIM_ATTRIBUTES_B, and REV_DIM_ATTRIBUTES_TL.
28960471	NEED FEES COLUMN IN STG_CREDIT_LINE_DETAILS TABLE (AND CORRESPONDING FACT TABLE)	Mapped the column N_NET_UNAMORTIZED_FEE from the table STG_CREDIT_LINE_DETAILS to the table FCT_CREDIT_LINE.

2.6 Known Issues/Limitations

This is a known issue in the OFS Data Foundation Application Pack release 8.0.9.0.0:

- Derivation logic and population design related to Encumbrance Percentage must be added for the attributes that are added in the OFSDF 80900 data model. The attributes are FCT_ACCOUNT_MITIGANT_MAP.N_MITIGANT_ENCUMBRANCE_PCT and FCT_ACCT_PLACED_COLL_MAP.N_COLLAT_ENCUMBRANCE_PCT.

This is a limitation in the OFS Data Foundation Application Pack release 8.0.9.0.0:

Limitation	Workaround
Filters using DIM_DATA_ORIGIN are not present in T2Ts.	Follow this workaround to introduce the filters using DIM_DATA_ORIGIN: 1. Download the post-script file `SOR_postscript_update.sql` from MOS and execute it in the CONFIG schema. **Note**: Recommended to execute the post-script after resaving the Hierarchy, if any. 2. Follow these steps to create a Job Definition: **a.** Create a Hierarchy that contains DIM_DATA_ORIGIN. **b.** Navigate to the *Rules Run Framework* window and select the Run on which the filter condition must be applied. **c.** Create a Job Condition for the selected Run. For detailed information, see the *Select Job Condition for Run* section in the Oracle Financial Services Data Foundation Application Pack User Guide Release 8.0.9.0.0.

3 Hardware/Software Tech Stack Details

The hardware/software combinations required for OFS Data Foundation Application Pack Release 8.0.9.0.0 are available at OTN Tech Stack.

4 Licensing Information

For details on the third party software tool used, see OFSAA Licensing Information User Manual Release 8.0.9.0.0 available in the OHC Documentation Library.

OFSAAI Support Contact Details

Raise an SR in My Oracle Support (MOS) if you have any queries related to EPM, ERM, and FCCM applications.

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