

Oracle Financial Services Data Foundation Application Pack

Release Notes

Release 8.0.9.2.0

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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	10-July-2020	Created and published the Release Notes document for the OFSDF Application Pack v8.0.9.2.0.

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1 Preface

This section provides supporting information for the Oracle Financial Services Data Foundation Application Pack Release Notes v8.0.9.2.0.

Topics:

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

1.1 Audience

This document is intended for Administrators, Business User, Strategists, and Data Analyst, who handle installing and maintaining the application pack components.

- 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 v8.0.9.2.0](#): This section provides information about the OFSDF Application Pack Release v8.0.9.2.0 such as new features in this release, prerequisites for the release, how to apply for 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 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

We strive 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:

- [Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.0.9.2.0](#)
- [Oracle Financial Services Data Foundation Application Pack User Guide Release 8.0.9.0.0](#)
- [Oracle Financial Services Analytical Applications Infrastructure Installation Guide 8.0.9.1.0](#)
- [Oracle Financial Services Analytical Applications Technology Matrix Release 8.0.9.0.0](#)

2 Introduction

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 models, 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.

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 v8.0.9.2.0

Oracle Financial Services Data Foundation Application Pack v8.0.9.2.0 ML Release includes all enhancements and bug fixes since the v8.0.9.0.0 release for Stage and Results on RDBMS.

Patch **31336111** - ORACLE FINANCIAL SERVICES DATA FOUNDATION PACK 8.0.9.2.0 ML RELEASE

NOTE

- This release patch is applicable only for the RDBMS mode of installation.
- The erwin files patch **31372462** for OFSDF v8.0.9.2.0 is available at [My Oracle Support](#).

OFS Data Foundation Application Pack is a separately licensed product.

Topics:

- [New Features](#)
- [Prerequisites](#)
- [How to Apply this ML Release?](#)
- [List of 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 v8.0.9.2.0.

For detailed information on using the existing features, see the *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 the *OFS Advanced Analytical Applications Infrastructure Application Pack 8.0.9.1.0 ReadMe* in the [OHC Documentation Library](#).

3.2 Prerequisites

The following prerequisite software must be installed for this release:

- Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) v8.0.9.1.0 (patch **30893508**) plus other prerequisite OFSAAI patches (see the *Pre-Installation Requirements* section of the [OFSAAI Installation Guide Release 8.0.9.1.0](#)) must be installed and configured on your machine ([OHC Documentation Library](#)).
- Oracle Financial Services Data Foundation Applications Pack v8.0.9.0.0 Minor Release patch **30692880**.

3.3 Applying this ML Release

For detailed instructions on installing this ML Release, see [Oracle Financial Services Data Foundation Application Pack Installation Guide Release 8.0.9.2.0](#) in the OHC Documentation Library.

NOTE

- This release patch is applicable only for the RDBMS mode of installation.
- This patch installation has taken approximately 3 hours to complete in the Oracle Test Labs.

3.4 List of Bugs Fixed in this Release

The following modifications and bug fixes are included in OFS Data Foundation Application Pack release v8.0.9.2.0.

Bug Number	Bug Description	Change Comments
31510258/ 31028531	ENHANCE PARTICIPATION/SYNDICATION LOGIC FOR FCT_CREDIT_LINE TO INCLUDE FRONTING CASES	Enhanced the Participation and Syndication logic for the FCT_CREDIT_LINE table to include the Fronting use cases.
31236947	MISSING MAPPING FOR V_ENCUMBRANCE_REASON TO FCT_COMMON_ACCOUNT_SUMMARY	Updated the T2Ts for the following product processors to map the V_ENCUMBRANCE_REASON column to the FCT_COMMON_ACCOUNT_SUMMARY.N_ENCUMBRANCE_REASON_SKEY column by doing a lookup on the DIM_ENCUMBRANCE_REASON.V_ENCUMBRANCE_REASON_CD column: <ul style="list-style-type: none"> • STG_CARDS • STG_CASA • STG_INVESTMENTS • STG_LEASES_CONTRACTS • STG_MM_CONTRACTS • STG_CORRESPONDENT_ACCOUNT
31038424	OFFSET ACCOUNT ID TO BE USED IN T2T	Offset account identifier will be used in the T2Ts where offset account number is used. Added mappings from the offset account ID or offset account number or both in the STG_BILLS_CONTRACTS, STG_CASA, STG_LEASES_CONTRACTS, STG_LOAN_CONTRACTS, and STG_TD_CONTRACTS tables to the FCT_COMMON_ACCOUNT_SUMMARY.V_OFFSET_ACCT_NBR column.
31191086	REQUEST TO REMOVE JOIN TO DIM_DATA_ORIGIN FROM T2T_FCT_LEGAL_ENTITY_DETAILS	Removed the DIM_DATA_ORIGIN table join from the T2T_FCT_LEGAL_ENTITY_DETAILS table because the values in its Stage table is NULL, and a job condition applied to the process led to no data population in the FCT_LEGAL_ENTITY_DETAILS table.

Bug Number	Bug Description	Change Comments
31164304	T2T_STG_LEASES_CONTRACTS_CAS & T2T_STG_CARDS_CAS FAILING BECAUSE DIM_RIC IS NOT HAVING F_LATEST_INDICATOR_FLAG IN JOIN CONDITION	Added the F_LATEST_RECORD_INDICATOR flag in T2T_STG_LEASES_CONTRACTS_CAS and T2T_STG_CARDS_CAS for the DIM_IRC table.
31164282	DUPLICATES IN DIM TABLES AFTER UPGRADE TO 80900	Updated the seeded scripts for these Dimension tables, DIM_COUNTRY, DIM_CARD_FEE_PAY_TYPE, DIM_STD_MITIGANT_TYPE, DIM_CAPITAL_COMP_GROUP, DIM_PROPERTY_TYPE as the execution of the seeded scripts during the OFSDF v8.0.9.0.0 upgrade installation resulted in the population of duplicate rows in these Dimension tables.
30985280	T2T MAPPINGS FROM STG_BILLS_CONTRACTS	Modified the mappings of the columns N_GUARANTOR_SKEY and N_DEFERRED_FEE_BAL in the tables STG_BILLS_CONTRACTS and FCT_COMMON_ACCOUNT_SUMMARY.
30818056	FSDF DEFINITIONS UPDATE FOR LIST OF ATTRIBUTES	Added the N_ADVANCE_PMT_AMT column in the FCT_LOAN_ACCOUNT_SUMMARY and mapped it from the STG_LOAN_CONTRACTS.N_ADVANCE_PMT_AMT column by updating the T2T.
30578080	CLARIFICATION ON SOURCE TO TARGET ATTRIBUTE MAPPING FOR MATURITY DATE IN FACT COMMON ACCOUNT SUMMARY	Updated the mapping for the FCT_COMMON_ACCOUNT_SUMMARY.N_MATURITY_DATE_SKEY column.
30574542	INCONSISTENT MAPPING FOR N_ISSUE_DATE_SKEY IN FCAS	Modified the mapping in the STG_LC_CONTRACTS table, where mappings are present for the FCT_COMMON_ACCOUNT_SUMMARY.N_ISSUE_DATE_SKEY column.
30566450	INCONSISTENT USAGE OF UPPER FUNCTION FOR F_SECURED_IND ACROSS T2TS	Updated T2T_STG_LOANS_CAS by mapping the STG_LOAN_CONTRACTS.F_SECURED_IND column to the FCT_COMMON_ACCOUNT_SUMMARY.F_SECURED_FLAG column.
29752859	ATTRIBUTES TO STORE 'SOURCE OF FUND CODE' AND 'SOURCE OF FUND DESCRIPTION'	Added the V_SOURCE_INITIAL_FUNDS column in the STG_RETIEMENT_ACCOUNTS, STG_TRADING_ACCOUNT, STG_TRUSTS, and STG_INVESTMENTS tables.
28820151	T2T_STG_INVESTMENTS_CAS FLOW SHOULD BE CHANGED FROM STG_INVESTMENTS.N_EOP_PRIN_BAL TO FCAS.N_AMORTIZED_COST	Updated the mapping logic of the N_AMORTIZED_COST column from the STG_INVESTMENTS table to the FCT_COMMON_ACCOUNT_SUMMARY table.

Bug Number	Bug Description	Change Comments
30947354	ENHANCEMENT REQUEST FOR FACT COLUMN AND T2T FOR STG_LOAN_CONTRACTS.N_ADVANCE_PMT_AMT	Added the column N_ADVANCE_PMT_AMT in the FCT_LOAN_ACCOUNT_SUMMARY table, and mapped it from the STG_LOAN_CONTRACTS.N_ADVANCE_PMT_AMT column and updated T2T_FLAS_STG_LOAN_CONTRACTS.
31510258	ENHANCE PARTICIPATION/SYNDICATION LOGIC FOR FCT_CREDIT_LINE TO INCLUDE FRONTING CASES	Enhanced the Participation and Syndication logic for the FCT_CREDIT_LINE table to include the Fronting use cases.

3.5 Known Issues or Limitations

There are no known issues in this release.

The limitations in the OFS Data Foundation Application Pack release v8.0.9.2.0 is as follows:

- **Limitation 1:**

Filters using DIM_DATA_ORIGIN are not present in T2Ts.

Workaround:

Follow this workaround to introduce the filters using DIM_DATA_ORIGIN:

- a. Download the post-script file `SOR_postscript_update.sql` from [MOS](#) and execute it in the CONFIG schema.

NOTE

Oracle recommends executing the post-script after resaving the Hierarchy, if any.

- b. Follow these steps to create a Job Definition:
 - i. Create a Hierarchy that contains DIM_DATA_ORIGIN.
 - ii. Navigate to the Rules Run Framework window and select the Run on which the filter condition must be applied.
 - iii. 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](#)

- **Limitation 2:**

For the reporting line: 2, 9a in Schedule, RC-C/HC-C:

- a. Reverse Repos backed by mortgages/loans must be reported as loans in RC-C Line 2 and 9a. Line 2 and 9a MDRMs use BPs (BPF1664, BPF1691), which used the following data elements that will be made available in the Stg_Repo_Contracts table for sourcing such Reverse Repo Loans:

- N_AMORTIZED_COST
- N_CURRENT_FEES
- N_UNEARNED_INCOME
- V_SELLER_ID

- b. Loans (Reverse Repo reported as loans) have revolving facilities when the revolving facilities can be captured in the STG_CREDIT_LINE_DETAILS table.

Workaround:

- a. The fields/equivalents will be incorporated in the STG_REPO_CONTRACTS table. T2T will be updated for the data flow to FCT_COMMON_ACCOUNT_SUMMARY.
- b. The STG_REPO_CONTRACTS.V_LINE_CODE/equivalent column will be linked to the Repo Loans with Facilities (such as STG_LOAN_CONTRACTS). T2T will be updated for the data flow to FCT_COMMON_ACCOUNT_SUMMARY.

Column Name	Logical Name	Data Type	Domain	Column Comments
N_CURRENT_FEES	Current Fees	NUMBER(2,3)	AMOUNT	This column stores the amount of fees charged to the account. Current fees may include annual fee, over-the-limit fees, wire transfer fees, cheque book issued, bankers draft etc.
N_UNEARNED_INCOME	Unearned Income	NUMBER(2,3)	AMOUNT	Unearned income at the sale of the loan. Unearned income at the time of sale of the asset. Amount deducted as advance interest from a loaned sum. This amount is recorded as a liability in the books of the lending institution, and is gradually decreased as it is recognized as earned income over the life of the loan.
V_SELLER_ID	Seller Identifier	VARCHAR2(20)	CODE_ALPHANUMERIC_LONG	This column identifies the party who sold the item.
V_LINE_CODE	Line Code	VARCHAR2(50)	CODE_ALPHANUMERIC_LONG_TYPE3	This column stores the unique code of the credit line associated with this account. DIM_CREDIT_LINE is the equivalent dimension table for this column.
N_AMORTIZED_COST	Amortized Cost	NUMBER(2,3)	AMOUNT	This stores the Amortized Cost in natural currency. Amortization is similar to depreciation, for intangible assets it is referred to as Amortization and for tangible assets it is referred to as Depreciation.

4 Hardware and Software Tech Stack Details

The hardware and software combinations required for the OFS Data Foundation Application Pack Release v8.0.9.2.0 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.

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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/recently released documents.

