Oracle Financial Services Data Foundation Application Pack

Release Notes (RDBMS Only)

Release 8.0.9.1.0

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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 for the hearing impaired.

1.6 Related Documents

This section identifies additional documents related to the OFSDF application v8.0.9.1.0. You can access the Oracle documentation online from the OHC Documentation Library.

- Oracle Financial Services Data Foundation Application Pack Installation Guide Release 8.0.9.1.0
- Oracle Financial Services Data Foundation Application Pack User Guide Release 8.0.9.0.0
- Oracle Financial Services Analytical Applications 8.0.9.0.0 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). 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.

Oracle Financial Services Data Foundation Application Pack v8.0.9.1.0 ML Release is cumulative of all enhancements and bug fixes that are made since the v8.0.9.0.0 release for Stage and Results on RDBMS.

Patch **30942190** - ORACLE FINANCIAL SERVICES DATA FOUNDATION PACK v8.0.9.1.0 ML RELEASE

NOTE

- This ML release patch is applicable only for the RDBMS installation.
- The ERwin file patch **30948718** for OFSDF v8.0.9.1.0 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 ML Release?
- List of Bugs Fixed in This Release
- Known Issue/Limitations

2.2 New Features

There are no new features as part of the OFS Data Foundation Application Pack release v8.0.9.1.0.

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 8.0.9.0.0 Readme in the OHC Documentation Library.

2.3 Prerequisites

The following prerequisite software must be installed for this release:

- Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) 8.0.9.0.0 (patch **30330054**) plus other prerequisite OFSAAI patches (see the Pre-Installation Requirements section of the OFSAAI Installation Guide Release 8.0.9.0.0) must be installed and configured in your machine (OHC Documentation Library).
- The minimum patch set required for the Oracle Financial Services Data Foundation Applications Pack is (OFS Data Foundation Application Pack v8.0.9.0.0 Minor Release patch **30692880**).

2.4 How to Apply this ML Release?

For detailed instructions on installing this ML Release, see Oracle Financial Services Data Foundation Application Pack Installation Guide Release 8.0.9.1.0 in the OHC Documentation Library.

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

2.5 List of Bugs Fixed in this Release

The following modifications and bug fixes are included in OFS Data Foundation Application Pack release v8.0.9.1.0:

Bug Number	Bug Description	Change Comments
30977095	FSDF809: ADDITIONS AND MODIFICATIONS IN SEEDED DATA	Added new data in the Seeded tables DIM_BANDS, DIM_ENCUMBRANCE_REASON, DIM_FAIR_VALUE_HIERARCHY, DIM_INDICATOR_VALUES, DIM_LOAN_REPURCHASE_STATUS, DIM_OPTION_TYPE, DIM_PARTY_ROLE, DIM_REG_ACCOUNT_PURPOSE, DIM_REG_AMORTIZATION_TYPE, DIM_REG_PRODUCT_TYPE, DIM_REG_PROPERTY_TYPE, DIM_REG_REPLINE, DIM_REG_REPLINE_GROUP, DIM_REG_UNDERLYING_TYPE, DIM_RISK_WEIGHT, DIM_SECURITIZED_PRODUCTS, DIM_STANDARD_PARTY_TYPE, and DIM_STANDARD_PRODUCT_TYPE. Modified data in the Seeded tables DIM_BANDS, DIM_FAIR_VALUE_HIERARCHY, DIM_INSTRUMENT_TYPE, DIM_REP_LINE, DIM_SECURITIZED_PRODUCTS, DIM_STANDARD_PRODUCT_TYPE, and DIM_UNDRLYNG_ASST_POOL_TYPE.
30895640	DIM_SERVICED LOAN ACCOUNT TO BE MAPPED TO DIM_ACCOUNT	Created a new SCD 817 and added mappings from the table STG_LOANS_SERVICED_V to the table DIM_ACCOUNT.
30849038	V_UNDERLYING_TYPE_CODE USAGE IN RRS CONFIGURATION (RC-C, HC-C)	Modified the T2T_STG_REPO_CONTRACTS_CAS to map the column STG_REPO_CONTRACTS.V_UNDERLYING_TYPE_CODE to the column FCAS.N_UNDERLYING_TYPE_SKEY.
30775110	DATATYPE SIZE FOR V_UNDERLYING_TYPE_CODE	Increased the Datatype length of the column V_UNDERLYING_TYPE_CODE to VARCHAR2(20) in

Bug Number	Bug Description	Change Comments
		the tables DIM_EXPOSURE_UNDERLYING_TYPE, STG_BILLS_CONTRACTS.V_UNDERLYING_TYPE_CODE, STG_EXP_UNDERLYING_TYPE_MASTER.V_UNDERLYING_TYPE_CODE, STG_GUARANTEES.V_UNDERLYING_TYPE_CODE, STG_INVESTMENTS.V_UNDERLYING_TYPE_CODE, STG_NON_SEC_EXPOSURES.V_UNDERLYING_TYPE_CODE, STG_REPO_CONTRACTS.V_UNDERLYING_TYPE_CODE, STG_SEC_EXPOSURES.V_UNDERLYING_TYPE_CODE, STG_CREDIT_DERIVATIVES.V_UNDERLYING_TYPE_CODE, STG_UNDERLYING_EXPOSURES.V_UNDERLYING_TYPE_CODE, STG_FUND_UNDERLYNG_COMPOSITION.V_UNDERLYING_TYPE_CODE, and STG_FORWARDS.V_UNDERLYING_TYPE_CODE.
30471690	T2T: STG_LOAN_CONTRACTS.V_ENCUMBRANCE_REASON TO FCT_COMMON_ACCOUNT_SUMMARY.N_ENCUMBRANCE_REASON_SKEY	Mapped the source column STG_LOAN_CONTRACTS.V_ENCUMBRANCE_REASON to the target column FCT_COMMON_ACCOUNT_SUMMARY.N_ENCUMBRANCE_REASON_SKEY by using the Lookup on the column DIM_ENCUMBRANCE_REASON.V_ENCUMBRANCE_REASON_CD for mapping the T2T_STG_LOANS_CAS.
30460214	STG_LOAN_CONTRACTSV_SELLER_ID - FSDF COLUMN DESCRIPTION ENHANCEMENT	Updated the V_SELLER_ID column description in the tables STG_CARDS, STG_CASA, STG_INVESTMENTS, STG_LEASES_CONTRACTS, STG_LOAN_CONTRACTS, STG_TD_CONTRACTS, STG_FIXED_ASSETS_MASTER, and DIM_FIXED_ASSETS.
30447208	CHANGE IN THESE V_PAY_CCY/V_RCV_CCY DEFINITIONS	Updated the V_PAY_CCY and V_RCV_CCY column descriptions in the tables FCT_COMMON_ACCOUNT_SUMMARY, STG_FUTURES, STG_FX_CONTRACTS, STG_SWAPS_CONTRACTS, FCT_SUB_ACCOUNT_DETAILS (Pay Currency only), STG_FORWARDS, STG_UNDERLYING_MASTER, and DIM_UNDERLYING.
30411058	FFIEC031/041 : RC-C; LINE 6D OVERDRAFT REPORTING CLARIFICATION	Modified the T2T_STG_OD_CAS to set the flag FCT_COMMON_ACCOUNT_SUMMARY.F_REVOLVING_IND to Y when the flag STG_OD_ACCOUNTS.F_EXP_REVOLVING_FLAG is NULL.

Bug Number	Bug Description	Change Comments
30393008	T2T FROM STG_REPO_CONTRACTS.N_DEFERRED_FEE_BAL TO FCAS.N_NET_UNAMORTIZED_LOAN_FEE	Updated the T2T_STG_REPO_CONTRACTS_CAS to map the source column STG_REPO_CONTRACTS.N_DEFERRED_FEE_BAL to the target columns FCT_COMMON_ACCOUNT_SUMMARY.N_NET_UNAMORTIZED_LOAN_FEE and FCT_COMMON_ACCOUNT_SUMMARY.N_DEFERRED_FEE_BAL.
30293104	FFIEC031, RC-E MDRMS- THE REPORTING MEASURE SHOULD BE CHANGED TO USE 'N_OUTSTANDING_PRINCIPAL_BAL_RCY'	Updated metadata mappings for the T2Ts T2T_STG_CASA_CAS and T2T_STG_TD_CONTRACTS_CAS to populate values in the column FCT_COMMON_ACCOUNT_SUMMARY.N_ACCRUED_INTEREST.
30243712	STG_LOAN_CONTRACTS.V_OCCUPANCY_CD - COLUMN DESCRIPTION TO BE ENHANCED	Updated the V_OCCUPANCY_CD column description in the tables STG_LOAN_CONTRACTS, STG_MITIGANTS, and STG_OD_ACCOUNTS.
30191676	FACILITY FEE ATTRIBUTE IS NOT AVAILABLE IN FCT_CREDIT_LINE TABLE	Added the column N_FACILITY_FEE_AMT in the tables STG_CREDIT_LINE_DETAILS and FCT_CREDIT_LINE, and mapped the source column STG_CREDIT_LINE_DETAILS.N_FACILITY_FEE_AMT to the target column FCT_CREDIT_LINE.N_FACILITY_FEE_AMT.
30105597	DIM_COUNTRY.V_REGION_CD NEEDS STAGING COLUMN	Added the column V_COUNTRY_REGION_CD in the table STG_COUNTRY_MASTER and mapped to the table DIM_COUNTRY.
29752859	ATTRIBUTES TO STORE 'SOURCE OF FUND CODE' AND 'SOURCE OF FUND DESCIPTION'	Added the column V_SOURCE_INITIAL_FUNDS in the tables STG_RETIREMENT_ACCOUNTS, STG_TRADING_ACCOUNT, STG_TRUSTS, and STG_INVESTMENTS.
28842458	REQUEST CHANGES IN DIM_INSTRUMENT_CONTRACT.N_COUPON_RATE ATTRIBUTE	Updated the N_COUPON_RATE column description in the tables DIM_INSTRUMENT_CONTRACT and STG_INSTRUMENT_CONTRACT_MASTER.
28736895	DIM_INSTRUMENT_TYPE - LOVS REQUIRED FOR CROSS CURRENCY SWAPS	Changed the value of the column V_RISK_FACTOR_TYPE_CODE for the Instrument Type Code in the table DIM_INSTRUMENT_TYPE.
28601030	"N_RELATIONSHIP_TYPE_SKEY": INVALID IDENTIFIER	Removed mapping for the column N_RELATIONSHIP_TYPE_SKEY.
28407421	DATA MODEL EXTENSION: GUIDANCE AVAILABLE LINE AMOUNT IN STAGE COMMITMENT CONTRAC	Added the column N_GUIDANCE_LINE_AMT in the tables STG_COMMITMENT_CONTRACTS and FCT_COMMON_ACCOUNT_SUMMARY, and mapped the source column STG_COMMITMENT_CONTRACTS.N_GUIDANCE_LINE_AMT to the target column N_GUIDANCE_LINE_AMT.FCT_COMMON_ACCOUNT_SUMMARY.

2.6 Known Issues/Limitations

There are no known issues in this release.

The limitation in the OFS Data Foundation Application Pack release v8.0.9.1.0 is as follows.

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 the MOS and execute it in the CONFIG schema. **Note**: Oracle recommends executing 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 v8.0.9.1.0 are available in the Oracle Financial Services Analytical Applications 8.0.9.0.0 Technology Matrix.

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

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