

Oracle Financial Services Data Foundation Application Pack

Release Notes

Release 8.0.8.0.0

June 2019



Oracle Financial Services Data Foundation

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1 Preface

This Preface provides supporting information for the Oracle Financial Services Data Foundation Applications 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 applications 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 domain.

1.2 Purpose of this Document

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

1.3 Intended Audience

This document is intended for users of Oracle Financial Services Data Foundation Applications 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 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 OFSDF Application 8.0.8.0.0. You can access Oracle documentation online from the Documentation Library ([OHC](#)).

- [Oracle Financial Services Data Foundation Applications Pack User Guide Release 8.0.8.0.0](#)
- [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)**

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 LDM provide 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 actually 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**

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 BI reporting. The warehouse model is typically deployed into production via a set of management tools called 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 Applications Pack v8.0.8.0.0 Minor Release is cumulative of all enhancements and bug fixes done since v8.0.7.1.0 release for Staging and Results in RDBMS.

Patch **29627211**- ORACLE FINANCIAL SERVICES DATA FOUNDATION 8.0.8.0.0 MINOR RELEASE (FSDF)

NOTE

Erwin file for OFSDF 8.0.8.0.0 is available at [My Oracle Support](#) in the patch **29812153**.

OFS Data Foundation Applications 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 features that are part of this release are:

- Addition of new T2Ts for:
 - Instrument Schedule
 - Embedded Options Schedule
 - Security Commodity Account Summary tables
 - GL Data
 - Product Rate Matrix
 - Legal Entity GAAP Map
 - Account Address Map
 - Account Phone Map
 - Credit Line Mitigant Map
 - Security Tranche Credit Enhancement Map
- Addition of new SCDs for:
 - Term Structure
 - Address Purpose Type
 - Email Address Purpose Type
 - Lease Purpose

For detailed information on usage of the existing features, see [Oracle Financial Services Data Foundation Applications Pack User Guide Release 8.0.8.0.0](#) in [OHC](#) Documentation Library.

For more information on the OFS AAI requirements, see [OFS Advanced Analytical Applications Infrastructure Application Pack 8.0.8.0.0 Readme](#) in [OHC](#) Documentation Library.

2.3 Prerequisites

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

- To upgrade to Oracle Financial Services Data Foundation Application Pack 8.0.8.0.0, you need to have at least Oracle Financial Services Data Foundation Application Pack 8.0.2.0.0 or higher 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 8.0.8.0.0](#) in OHC.

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 OFS Data Foundation Application Pack Release 8.0.8.0.0 are as follows.

Bug Number	Bug Description	Change Comments
29846817	CORRECT THE MAPPING IN T2T_STG_LEASES_CONTRACTS_CAS FOR N_LEASE_PURPOSE_SKEY	Mapped FCAS.N_LEASE_PURPOSE_SKEY to STG_LEASES_CONTRACTS.V_PURPOSE_CD and added join query using DIM_LEASE_PURPOSE.
29812099	PII LIST FOR FSDF 808.	Created PII Datasheet for FSDF 80800 release.
29763763	REMOVE COLUMN D_CARD_ACTIVATION_DATE FROM TABLE AAI_DMT_DEF_SOURCE_ENTITY SINCE THE EXPRESSION IS NULL	Removed the column D_CARD_ACTIVATION_DATE from the table AAI_DMT_DEF_SOURCE_ENTITY since the Expression was NULL.
29718805	UPDATE DOMAIN TO RATE_LONG FOR THE COLUMN N_PERCENT_ENCUMBERED	Updated domain for the column N_PERCENT_ENCUMBERED to RATE_LONG in the tables FCAS, STG_BILLS_CONTRACTS, STG_CARDS, STG_COMMODITIES, STG_INVESTMENTS, STG_LEASES_CONTRACTS, STG_LOAN_CONTRACTS, STG_MM_CONTRACTS, STG_OD_ACCOUNTS, STG_SUKUK, and STG_CORRESPONDENT_ACCOUNT.
29658351	RESET THE PK COLUMN ORDER IN THE	Reset the PK column order manually in the FCT_COMMON_ACCOUNT_SUMMARY table.

Bug Number	Bug Description	Change Comments
	FCT_COMMON_ACCOUNT_SUMMARY TABLE	
29608978	TD POC: ISSUE WITH BACKDATED EXECUTION OF SCD	During backdated SCD execution process, in all SCDs, the LRI flag used to get set to Y. Updated the related file to resolve this issue.
29588467	ADD LOVS TO THE COLUMN DEFINITION OF FCAS.F_POCI_FLAG	Added LOVs to the column definition of FCAS.F_POCI_FLAG.
29537117	ADD MISSING MAPPINGS FOR COLUMN FCAS.N_CUST_TYPE_SKEY IN ACCOUNT SUMMARY T2TS	Added mappings for the column FCAS.N_CUST_TYPE_SKEY in multiple Account Summary T2Ts.
29452487	CREATE ACCOUNT ADDRESS MAP T2T CORRESPONDING TO DIM_ADDRESS	Created new T2T T2T_FCT_ACCT_ADDRESS_MAP corresponding to DIM_ADDRESS, and mapped the table STG_ACCOUNT_ADDRESS_MAP to the table FCT_ACCOUNT_ADDRESS_MAP.
29426436	ADD LIST OF VALUES TO DIM_REVOCABLE_STATUS FOR STG_CREDIT_LINE_MASTER.V_REVOCABLE_STATUS_CODE	Seeded List of Values for the table DIM_REVOCABLE_STATUS corresponding to the column STG_CREDIT_LINE_MASTER.V_REVOCABLE_STATUS_CODE.
29392012	FSDf 8.0.6 SCREENS SHOWING OLDER VERSION INSTEAD OF ALTA	Resolved the issue where the old Application Preference screen was showing up. AAI_MENU_B table query is updated.
29388429	CREATE NEW DMT FILE FOR HIVE TO AVOID OVERWRITING DURING INSTALLATION PROCESS	Created a new DMT file DM_T2T_FSI_EXCHANGE_RATES_HIVE.sql for Hive to avoid overwriting during the installation process.
29371539	ADD T2T MAPPING FOR FCT_COMMON_ACCOUNT_SUMMARY.N_PUT_OPTION_DATE_SKEY	Added missing T2T mapping for the column FCAS.N_PUT_OPTION_DATE_SKEY from the column D_PUT_DATE in the tables STG_BORROWINGS, STG_INVESTMENTS, STG_MM_CONTRACTS, and STG_REPO_CONTRACTS.
29346205	ADD MAPPING FOR DIM_GL_ACCOUNT.V_GL_DESCRIPTION IN SCD #127 AND INCREASE DATA LENGTH OF DIM_GL_ACCOUNT.V_GL_DESCRIPTION AND DIM_GENERAL_LEDGER_TL.DESCRPTION	Added mappings for the column DIM_GL_ACCOUNT.V_GL_DESCRIPTION in SCD-127 and increased the data length of DIM_GL_ACCOUNT.V_GL_DESCRIPTION and DIM_GENERAL_LEDGER_TL.DESCRPTION to VARCHAR2 (4000 CHAR).
29277222	SCHEMA NAME HARDCODED IN OFS_BFND_SCHEMA_IN.XML	In the file OFS_BFND_SCHEMA_IN.XML, changed Config Schema Name from FSDFCNF to ##CONFIG_USER_NAME##, and changed Atomic Schema Name from FSDFATM to ##ATOMIC_USER_NAME##.
29197069	RESOLVE THE ISSUE WHERE DMT CONFIGURATIONS LINK DOES NOT APPEAR IN FSDf 806 LHS MENU	In the LHS menu of the OFSDf 8.0.6 application, to display the DMT Configurations link, added Insert query in the file ofs_bfnd_menu_app_insert.sql for AAI_MENU_TREE.

Bug Number	Bug Description	Change Comments
29183181	INCREASE THE DATA LENGTH OF FCT_SHARE_HOLDING_DETAILS.N_INSTRUMENT_TYPE_CD TO 10	Increased data length of the column FCT_SHARE_HOLDING_DETAILS.N_INSTRUMENT_TYPE_CD to 10.
28853459	ADD T2T MAPPINGS FOR N_ADV_METHOD_ADD_OUT_AMT AND N_APPLICABLE_RISK_WEIGHT IN FCT_LEGAL_ENTITY_DETAILS	Added mappings for the columns N_ADV_METHOD_ADD_OUT_AMT and N_APPLICABLE_RISK_WEIGHT in T2T_FCT_LEGAL_ENTITY_DETAILS.
28274066	ADD T2T MAPPINGS FOR FCAS.N_ENCUMBRANCE_SOURCE_SKEY FROM STG_CARDS AND STG_OD_ACCOUNTS	Added T2T mappings for FCAS.N_ENCUMBRANCE_SOURCE_SKEY from the tables STG_CARDS and STG_OD_ACCOUNTS in T2T_STG_CARDS_CAS and T2T_STG_OD_CAS respectively.
28260651	ADD T2T MAPPINGS FOR FCAS.N_COMMITMENT_AMT FROM STG_BILLS_CONTRACTS.N_BILL_AMOUNT AND STG_INVESTMENTS.N_CONTRACT_AMT	Added T2T mappings for FCAS.N_COMMITMENT_AMT from the tables STG_BILLS_CONTRACTS.N_BILL_AMOUNT and STG_INVESTMENTS.N_CONTRACT_AMT.
28259770	MAP OPTION EXPIRY DATE AND OPTION EXERCISE DATE COLUMNS FROM STG_TD_CONTRACTS AND STG_BORROWINGS TO FCT_DEPOSITS_BORROWINGS	Added the column D_NEXT_OPT_EXERCISE_DATE in the tables STG_TD_CONTRACTS and STG_BORROWINGS, and mapped it to FCT_DEPOSITS_BORROWINGS.N_NEXT_OPTION_EXERCISE_DATE_SKEY. Added N_BUMPUP_OPTION_EXPIRY_DATE_SKEY in FCT_DEPOSITS_BORROWINGS and mapped it from D_BUMPUP_OPTION_EXPIRY_DATE in STG_TD_CONTRACTS and STG_BORROWINGS.
28168812	CHANGE T2T MAPPING FOR FCT_CARDS_SUMMARY.N_ACCT_JOINT_IND AND FCAS.N_ACCT_JOINT_IND	Added the column F_JOINT_ACCOUNT_IND to STG_CARDS and mapped it to FCAS.N_ACCT_JOINT_IND and FCT_CARDS_SUMMARY.N_ACCT_JOINT_IND.
28140573	ADD V_LOB_CODE FOR LINE OF BUSINESS CODE IN STG_GL_DATA AS A NON-PRIMARY KEY COLUMN	Added V_LOB_CODE for Line of Business Code in STG_GL_DATA table as a non-Primary Key column.
26978813	CREATE T2TS FOR SECURITY COMMODITY ACCOUNT SUMMARY TABLES	Added new T2Ts T2T_FSCAS_STG_OPTIONS, T2T_FSCAS_SWAP_CONTRACTS, T2T_FSCAS_FORWARDS, T2T_FSCAS_FUTURES, T2T_FSCAS_MM, and T2T_FSCAS_STG_INVESTMENTS.

2.6 Known Issues / Limitations

The known issues / limitations in OFS Data Foundation Application Pack Release 8.0.8.0.0 are as follows:

- Disregard the NullPointerException error during execution of External Table.

- These SCDs are not supported in Hive - 126, 127, 128, 129, 131, 132, 195, 196, 205, 208, 270, 332, and 465. As a workaround, load the dimension data to corresponding dimension tables.
- MAP_RECVR_TYP_STD_RECVR_TYP and MAP_WRTOFF_STD_WRTOFF_REASN mapper tables are present in RDBMS and not present in HIVE because AM/HM functionality that supports Mappers is not yet available in OFSDF Hive. These Mappers must be loaded manually.
- In Hive, the exchange rates population for cross currencies is not being derived using exchange rates values for a base currency. Source the corresponding Exchange Rate value.
- Because of the unavailability of the table FN_POP_REG_LE_HIER in OFSDF Hive, data is not populated in the target table FSI_INTRA_COMPANY_ACCOUNT.

3 Hardware/Software Tech Stack Details

The hardware/software combinations required for OFS Data Foundation Application Pack Release 8.0.8.0.0 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 8.0.8.0.0](#) available in the [OHC Documentation Library](#).

OFSAAI Support Contact Details

- Contact Infrastructure support at <https://flexsupp.oracle.com> if you have installed ERM and FCCM applications.
- Raise an SR in <https://support.oracle.com> if you have any queries related to EPM applications.

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