Oracle Financial Services Data Foundation Application Pack

Release Notes

Release 8.1.1.1.0

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ORACLE
Financial Services

ORACLE

OFS Data Foundation Application Pack Release Notes

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Document Control

Version Number	Revision Date	Change Log
1.0	12-May-2021	Created and published the Release Notes document for the OFSDF Application Pack v8.1.1.1.0.

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1 Preface

This section provides supporting information for the Oracle Financial Services Data Foundation Application Pack Release Notes v8.1.1.1.0.

Topics:

- Audience
- How this Guide is Organized
- Access to the Oracle Support
- Related Documents

1.1 Audience

This document is intended for Administrators, Business 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 v8.1.1.1.0: This section provides information about the OFSDF Application Pack Release v8.1.1.1.0 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 and My Oracle Support (MOS) to download the latest version available there. The following is the list of related documents:

- OHC Documentation Library for the OFSDF Application Pack Release 8.1.x.x.x product documents:
  - Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.1.1.1.0
  - Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.1.1.0.0
  - Oracle Financial Services Data Foundation Application Pack User Guide Release 8.1.1.0.0
- Oracle Financial Services Data Foundation Application Pack Upgrade Guide Release 8.1.0.0.0
- OHC Documentation Library for the OFSDF Application Pack Release 8.1.x.x.x other documents:
  - Oracle Financial Services Analytical Applications (OFSAA) Data Model Extension Guidelines Document Release 8.1.x
  - Oracle Financial Services Analytical Applications (OFSAA) Data Model Naming Standards Guide Release 8.1.x
  - Oracle Financial Services Analytical Applications (OFSAA) Data Model Document Generation Release 8.1.x
  - Oracle Financial Services Data Foundation Application Pack Cloning Reference Guide Release 8.1.x
  - Oracle Financial Services Data Foundation Application Pack Security Guide Release 8.1.x
  - Oracle Financial Services Data Foundation Application Pack Data Protection Implementation Guide Release 8.1.x
- My Oracle Support for the OFSDF Application Pack Release 8.1.x.x.x technical documents:
  - *Data Model Difference Reports*
  - *Changelog*
  - *SCD Metadata*
  - *T2T Metadata*
  - *Run Chart*
- Oracle Financial Services Analytical Applications (OFSAA) Technology Matrix Release 8.1.1.0.0
- OHC Documentation Library for the OFS AAAI Application Pack Release 8.1.x.x.x product documents:
  - Oracle Financial Services Advanced Analytical Applications Infrastructure Installation Guide Release 8.1.1.0.0
  - Oracle Financial Services Advanced Analytical Applications Infrastructure User Guide Release 8.1.1.0.0
  - Oracle Financial Services Advanced Analytical Applications Infrastructure Environment Check Utility Guide Release 8.1.x

  - Oracle Financial Services Advanced Analytical Applications Infrastructure Administration and Configuration Guide Release 8.1.x
  - Oracle Financial Services Analytical Applications Infrastructure Process Modelling Framework Orchestration Guide Release 8.1.1.0.0
  - Oracle Financial Services Analytical Applications (OFSAA) Metadata Browser User Guide Release 8.1.0.0.0
- OHC Documentation Library for the OFSAA Release 8.1.x generic documents:
  - Oracle Financial Services Analytical Applications Infrastructure Security Guide Release 8.1.x
  - Oracle Financial Services Analytical Applications Infrastructure Cloning Reference Guide Release 8.1.x
- Oracle Financial Services Analytical Applications (OFSAA) Licensing Information User Manual Release 8.1.1.0.0

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 v8.1.1.1.0

Oracle Financial Services Data Foundation Application Pack v8.1.1.1.0 ML Release includes all enhancements and bug fixes since the v8.1.1.0.0 release for Stage and Results on RDBMS.

Patch ID **32677985**: ORACLE FINANCIAL SERVICES DATA FOUNDATION 8.1.1.1.0 ML RELEASE (FSDF)

> **NOTE** This release patch is applicable only for the RDBMS mode of installation.
>
> The erwin files patch ID **32681554** for OFSDF v8.1.1.1.0 is available at My Oracle Support (MOS).

Oracle Financial Services Data Foundation Application Pack is a separately licensed product.

Topics:

- New Features
- Prerequisites
- Installing this ML Release
- Bugs Fixed in this Release
- Known Issues or Limitations

3.1 New Features

There are no new features added in the OFS Data Foundation Application Pack Release v8.1.1.1.0.

For detailed information about using the existing features, see the Oracle Financial Services Data Foundation Application Pack User Guide Release 8.1.1.0.0.

3.2 Prerequisites

The following prerequisite software must be installed for this release:

- Oracle Financial Services Data Foundation (OFSDF) Application Pack v8.1.1.0.0 Minor Release patch ID **32257272** plus other prerequisite OFSDF patches (download from My Oracle Support (MOS)) must be installed and configured on your machine. For more information, see the *Preparing for Installation* section in the Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.1.1.0.0.

3.3 Installing this ML Release

For detailed instructions on installing this ML Release, see Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.1.1.1.0 in the OHC Documentation Library.

> **NOTE** This release patch is applicable only for the RDBMS mode of installation.
>
> This patch installation has taken approximately one hour to complete in the Oracle Test Labs.

3.4 Bugs Fixed in this Release

The following modifications and bug fixes are included in OFS Data Foundation Application Pack release v8.1.1.1.0.

Table 1: The list of bugs fixed in this release

Bug Number	Bug Description	Change Comments
32779178	NEW MAPPINGS FOR FCAS T2TS - 8111	Added the following T2T mappings: • From STG_FUTURES.F_MARGINED_TXN_IND to FCT_COMMON_ACCOUNT_SUMMARY.F_MARGINED_TXN_IND • From STG_OPTION_CONTRACTS.F_MARGINED_TXN_IND to FCT_COMMON_ACCOUNT_SUMMARY.F_MARGINED_TXN_IND • From STG_SWAPS_CONTRACTS.F_MARGINED_TXN_IND to FCT_COMMON_ACCOUNT_SUMMARY.F_MARGINED_TXN_IND • From STG_CREDIT_DERIVATIVES.F_MARGINED_TXN_IND to FCT_COMMON_ACCOUNT_SUMMARY.F_MARGINED_TXN_IND • From STG_FORWARDS.F_MARGINED_TXN_IND to FCT_COMMON_ACCOUNT_SUMMARY.F_MARGINED_TXN_IND • From STG_GUARANTEES.V_CHANNEL_CODE to FCT_COMMON_ACCOUNT_SUMMARY.N_CHANNEL_SKEY with LOOKUP on DIM_CHANNEL. • From STG_LC_CONTRACTS.D_ORIGINATION_DATE to FCT_COMMON_ACCOUNT_SUMMARY.N_ORIGINATION_DATE_SKEY
32778169	8111 MAPPINGS FOR MISC T2TS	Added the following T2T mappings: • From STG_LEGAL_ENTITY_DETAILS.V_GUARANTEE_TYPE_CODE with LOOKUP on DIM_GUARANTEE_TYPE to FCT_LEGAL_ENTITY_DETAILS.N_GUARANTEE_TYPE_SKEY • From STG_LEGAL_ENTITY_DETAILS.V_GUARANTOR_TYPE_CODE with LOOKUP on DIM_GUARANTOR_TYPE to FCT_LEGAL_ENTITY_DETAILS.N_GUARANTOR_TYPE_SKEY • From STG_LEGAL_ENTITY_DETAILS.V_CONSTITUED_FOR

Bug Number	Bug Description	Change Comments
		M_CODE to FCT_LEGAL_ENTITY_DETAILS.N_CONSTITUED_FORM_SKEY with LOOKUP on DIM_CONSTITUTED_FORM • From STG_APPLICATIONS.F_BORROW_REPAY_ABLE_DOC_FLAG to FCT_APPLICATION.F_BORROW_REPAY_ABLE_DOC_FLAG • From STG_APPLICATIONS.N_PROP_PRESALE_VALUE to FCT_APPLICATION.N_PROP_PRESALE_VALUE • From STG_MITIGANTS.F_IND_APPRAISAL_FLAG to FCT_MITIGANTS.F_IND_APPRAISAL_FLAG • From STG_MITIGANTS.F_GUARANTEE_REVOKABLE_FLAG to FCT_MITIGANTS.F_GUARANTEE_REVOKABLE_FLAG • From STG_PLACED_COLLATERAL.F_COLL_SEGREGATED_IND to FCT_PLACED_COLLATERAL.F_COLL_SEGREGATED_IND
32768765	ADDING NEW SCD MAPPINGS FOR DIM_PARTY & DIM_INSTRUMENT_CONTRACT : (SCD-168,54)	Added the following SCD mappings: • DIM_PARTY.F_TRADING_FREQ_IND (for SCD-168) • DIM_INSTRUMENT_CONTRACT.N_REDEEMABLE_DAYS (for SCD- 54)
32729698	MISSING MAPPING FOR FCT_MKT_INSTRUMENT_CONTRACT.F_REAL_PRICE_FLAG(TRACKING BUG FOR 32447808)	Added the mapping from STG_MKT_INSTRUMENT_CONTRACT.F_REAL_PRICE_FLAG to FCT_MKT_INSTRUMENT_CONTRACT.F_REAL_PRICE_FLAG.
32714762	FSDF_811:ISSUE WITH T2T_FCT_GL_DATA	Modified the ANSI Join to include the Left Outer Join to access the N_INTERNAL_CUSTOMER_SKEY in the T2T_FCT_GL_DATA.
32699201	8111 MAPPINGS FOR FCAS T2TS	Added mappings to the table FCT_COMMON_ACCOUNT_SUMMARY from the corresponding Stage table columns.
32552201	INCORRECT JOIN IN T2T_FLAS_STG_LOAN_CONTRACTS AND T2T_FLAS_STG_LEASES_CONTRACTS	Modified the ANSI Join to use DIM_MITIGANT_TYPE in the place of DIM_MITIGANT in the T2T_FLAS_STG_LOAN_CONTRACTS.
32542208	STG_BORROWINGS ELEMENTS OVERLAP WITH SICM - DIM_INTEREST_TYPE_A.N_INTEREST_TYPE INSTEAD OF DIM_INTEREST_TYPE_A.V_INTEREST_TYPE.	Modified the Expression to use N_INTEREST_TYPE in the place of V_INTEREST_TYPE in the T2T_STG_BORROWINGS_CAS.

Bug Number	Bug Description	Change Comments
32445088	EXTENDING FCT_COMMON_ACCOUN_SUMMARY FOR SWAPS (TRACKING BUG, FOR 27072434)	Added the following column mappings in the corresponding T2Ts: • N_RATE_TYPE_SKEY and N_COUNTERPARTY_RATING_SKEY in the T2T_FSCAS_SWAP_CONTRACTS • N_IMP_VOLATILITY and N_COUNTERPARTY_RATING_SKEY in the T2T_FSCAS_STG_OPTIONS • F_HELD_FOR_CLIENT_IND and N_DURATION_IN_YEARS in the T2T_FSCAS_STG_INVESTMENTS N_REF_ENTITY_SKEY in the T2T_FSCAS_STG_INVESTMENTS Replaced the column name N_DATE_SKEY with N_MIS_DATE_SKEY in the T2T_FSCAS_MM.
32163483	DIM_DATA_ORIGIN JOIN MISSING IN T2T_FCT_CREDIT_LN_MITIGANT_MAP	Added the V_DATA_SOURCE_CODE column in the STG_CREDIT_LINE_MITIGANT_MAP table and added the N_DATA_SOURCE_CD column in the FCT_CREDIT_LINE_MITIGANT_MAP table, and added the corresponding mappings. Added the DIM_DATA_ORIGIN Join condition in the T2T_FCT_CREDIT_LN_MITIGANT_MAP.
32106244	STG_TRADING_ACCOUNT V_INVESTMENT_ADVISOR_ID IS NOT HAVING THE DIM/FCT TABLE MAPPING.	Added column mappings for the SCD-984 in the DIM_INVESTMENT_ADVISOR and STG_INVESTMENT_ADVISOR_MASTER.
32087106	COLUMN DEFINTION UPDATE REQUIRED FOR REG REPORTING REQUIREMENT	Updated the description of the columns STG_INVESTMENTS.D_HFT_CLASSIFICATION_DT and DIM_UNDRLYNG_ASST_POOL_TYPE.V_UNDRLYNG_ASST_POOL_TYPE_CODE.
31972268	REQUEST TO REMOVE JOIN TO DIM_DATA_ORIGIN FROM T2T_FCT_LEGAL_ENTITY_DETAILS	Removed the DIM_DATA_ORIGIN table from the join in the T2T_FCT_LEGAL_ENTITY_DETAILS.
30134127	STG_IRCS.V_IRC_FORMAT_CD - ALLOWED LIST OF VALUES	Updated the description of the column STG_IRCS.V_IRC_FORMAT_CD.

3.5 Known Issues or Limitations

There are no Known Issues or Limitations in the OFS Data Foundation Application Pack release v8.1.1.1.0.

4 Hardware and Software Tech Stack Details

The hardware and software combinations required for the OFS Data Foundation Application Pack Release v8.1.1.1.0 are available in the Oracle Financial Services Analytical Applications (OFSAA) Technology Matrix Release 8.1.1.0.0.

5 Licensing Information

For details on the third party software tool used, see the Oracle Financial Services Analytical Applications (OFSAA) Licensing Information User Manual Release 8.1.1.0.0 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

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- 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?

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