

Oracle Financial Services Data Foundation Application Pack

Release Notes

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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	05-February-2021	Created and published the Release Notes document for the OFSDF Application Pack v8.1.1.0.0.

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1 Preface

This section provides supporting information for the Oracle Financial Services Data Foundation Application Pack Release Notes v8.1.1.0.0.

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 v8.1.1.0.0](#): This section provides information about the OFSDF Application Pack Release v8.1.1.0.0 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](#) to download the latest version available there. The list of related documents is as follows:

- The following are the OFSDF Application Pack Release 8.1.x.x.x documents:
 - [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](#)
- The following are the OFS AAI Application Pack Release 8.1.x.x.x 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 Analytical Applications \(OFSAA\) Technology Matrix Release 8.1.1.0.0](#)
- [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 v8.1.1.0.0

Oracle Financial Services Data Foundation Application Pack v8.1.1.0.0 One-off Patch Release includes all bug fixes since the v8.1.0.1.0 release.

Patch ID **32257272**: ORACLE FINANCIAL SERVICES DATA FOUNDATION 8.1.1.0.0 MINOR RELEASE (OFSDF)

NOTE

The erwin files patch ID **32294660** for OFSDF v8.1.1.0.0 is available at [My Oracle Support \(MOS\)](#).

OFS Data Foundation Application Pack is a separately licensed product.

Topics:

- [New Features](#)
- [Prerequisites](#)
- [Installing this Minor Release](#)
- [Bugs Fixed in this Release](#)
- [Known Issues or Limitations](#)

3.1 New Features

There is no new feature added as a part of the OFS Data Foundation Application Pack Release v8.1.1.0.0.

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](#).

For more information about the OFS AAI requirements, see the [Oracle Financial Services Advanced Analytical Applications Infrastructure Installation 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 v8.1.0.1.0 Maintenance Release patch ID **31775876** (download from [My Oracle Support \(MOS\)](#)) must be installed and configured on your machine. For more information, see the *Pre-installation Requirements* section in the [Oracle Financial Services Data Foundation Application Pack Installation and Configuration 8.1.0.1.0](#).

3.3 Installing this Minor Release

For detailed instructions about installing this Minor Release, see [Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.1.1.0.0](#).

NOTE

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

3.4 Bugs Fixed in this Release

The following modifications and bug fixes are included in the OFS Data Foundation Application Pack release v8.1.1.0.0.

Table 1: The list of bugs fixed in this release

Bug Number	Bug Description	Change Comments
32181154	INTRODUCE TABLE TO SOURCE CREDIT QUALITY DETAILS	To source the credit quality details, created a new T2T T2T_FCT_ACCT_CREDIT_QUALITY_DTLS with the new tables STG_ACCT_CREDIT_QUALITY_DTLS and FCT_ACCT_CREDIT_QUALITY_DTLS, and added the DIM_CR_REVIEW_PENDING_REASON table in the OFSDF Data Model of this release.
32165417	QUESTIONS ON SOURCING DATA IN FSDF FOR MSR (MORTGAGE SERVICING RIGHTS) AND MORTGAGES LINE OF BUSINESS	Added the new MSR-Sub-Serviced code SUBSVC with description to the seeded DIM_MSR_PRODUCT_TYPE table for sourcing data into OFSDF for MSR (Mortgage Servicing Rights).
32152220	SOURCING OF CONSOLIDATED ACCOUNT PAYMENT DETAILS	Added the STG_ACCOUNT_PAYMENT_DETAILS table to source all the payment related columns and the STG_ACCOUNT_PRICING_DETAILS table to source pricing and discount related attributes.
32121113	INCLUSION OF BUSINESS SEGMENT CATEGORY TO STAGE ANNUITY CONTRACTS AND RETIREMENT ACCOUNTS	Added the V_BUSINESS_SEGMENT_CAT_CODE column in the tables STG_ANNUITY_CONTRACTS and STG_RETIREMENT_ACCOUNTS.
32097719	REMOVE FK RELATIONSHIP BETWEEN DIMENSION TO DIMENSION TABLE	Removed the FK (Foreign Key) relationship between the Dimension tables because the OFSDF does not support the snowflake model. Removed the FK (Foreign Key) relationship for the following columns: <ul style="list-style-type: none"> DIM_RUN.N_RUN_TYPE_SKEY DIM_COUNTRY.N_REGION_SKEY DIM_INSTRUMENT_CONTRACT.N_COMMODITY_SKEY DIM_INSTRUMENT_CONTRACT.N_STOCK_INDEX_SKEY DIM_INSTRUMENT_CONTRACT.N_ASSET_SKEY DIM_INSTRUMENT_CONTRACT.N_RATING_SKEY DIM_RISK_ASSESSMENT_CATEGORY.N_RISK_CATEGORY_SKEY DIM_RISK_ASSESSMENT_CATEGORY.N_STATUS_KEY DIM_RISK_ASSESSMENT_CATEGORY.N_RISK_KEY DIM_RISK_ASSESSMENT_PARAMETER.FIC_MIS_DATE DIM_ORIGINAL_RUN_STATUS.N_DATE_SKEY DIM_ORIGINAL_RUN_STATUS.N_RUN_SKEY DIM_COMPLIANCE_OBLIG_LIBRARY.N_RATING_SKEY

Bug Number	Bug Description	Change Comments
		<ul style="list-style-type: none"> • DIM_OR_SCENARIO_TYPE_MLS.N_SCENARIO_TYPE_SKEY • DIM_OR_REG_SCN_ASMT_APPCH_MLS.N_SCENARIO_ASSMT_APRCH_SKEY • DIM_FISCAL_PERIODS.N_DATE_SKEY • DIM_KYC_RISK_CATEGORY_MLS.N_KYC_RISK_CATEGORY_SKEY • DIM_STANDARD_FATCA_STATUS_MLS.N_FATCA_STATUS_SKEY • DIM_WATCHLIST_MLS.N_WATCHLIST_SKEY
31919557	ADD TARGET COLUMN IN FCAS FOR THE STG_INVESTMENTS.N_UNITS_HELD	Added the N_UNITS_HELD_TRADE_DATE column in the FCT_COMMON_ACCOUNT_SUMMARY table and mapped the column FCT_COMMON_ACCOUNT_SUMMARY.N_UNITS_HELD_TRADE_DATE to the column STG_INVESTMENTS.N_UNITS_HELD.
31755628	CHANGE THE COLUMN DESCRIPTION OF STG_MITIGANTS.V_LIEN_POSITION_CODE	Modified the STG_MITIGANTS.V_LIEN_POSITION_CODE column description.
31750480	CREATE DIMENSION AND RESULT TABLES FOR STG_INVESTMENT_ADVISOR_MASTER AND STG_MKT_CENTER_QUOTE	Added the FCT_MKT_CENTER_QUOTE table for the corresponding source table STG_MKT_CENTER_QUOTE. Created SCD with the Map Reference Number 984 for the tables DIM_INVESTMENT_ADVISOR and STG_INVESTMENT_ADVISOR_MASTER. Added the N_INVESTMENT_ADVISOR_SKEY column in the FCT_COMMON_ACCOUNT_SUMMARY table and mapped it from the column STG_TRADING_ACCOUNT.V_INVESTMENT_ADVISOR_ID by referring to the DIM_INVESTMENT_ADVISOR table.
31719923	ADD TRADE DATE RELATED COLUMNS IN ACCOUNT POSITION TABLES	Added the N_UNITS_HELD_TRADE_DATE column in the tables STG_ACCOUNT_POSITION and FCT_ACCOUNT_POSITION, and mapped the column STG_ACCOUNT_POSITION.N_UNITS_HELD_TRADE_DATE to the column FCT_ACCOUNT_POSITION.N_UNITS_HELD_TRADE_DATE. Now, the DIM_PHONE table gets populated from the tables STG_PARTY_PHONE_MAP and STG_ACCOUNT_PHONE_MAP using the SCD Map Reference Numbers 983 and 982.
31358868	INCREASE THE COLUMN SIZE OF V_SETTLEMENT_ACCT_NBR IN STG_MERCHANT_CARDS	Increased the data length of the V_SETTLEMENT_ACCT_NBR column to Varchar2 (50) in the STG_MERCHANT_CARDS table.
31218924	MISSING DATA FLOW FOR DIM_EMAIL	Created new SCDs with the Map Reference Numbers SCD-985 (for the DIM_EMAIL and STG_PARTY_EMAIL_MAP tables) and SCD-986 (for the DIM_EMAIL and STG_ACCOUNT_EMAIL_MAP tables). Deprecated the STG_PARTY_EMAIL_ADDRESS and STG_ACCOUNT_EMAIL_ADDRESS tables because they

Bug Number	Bug Description	Change Comments
		can capture only one record per Party. The STG_PARTY_EMAIL_MAP table is the replacement for the STG_PARTY_EMAIL_ADDRESS table and the STG_ACCOUNT_EMAIL_MAP table is the replacement for the STG_ACCOUNT_EMAIL_ADDRESS.
30979001	STG_FX_CONTRACTS.N_CCY_RATE COLUMN PRECISION IS TOO LOW AFTER UPGRADE TO FSDF 80801	Increased the date length of the STG_FX_CONTRACTS.N_CCY_RATE column to NUMBER(30,11) with the domain Rate_Long.
30977903	REMOVE N_LOAD_RUN_ID FROM STG_CREDIT_LINE_MITIGANT_MAP TO SYNC CREDIT LINE MITIGANT MAP AND ACCOUNT MITIGANT MAP TABLE STRUCTURES	Deprecated the column STG_ACCOUNT_MITIGANT_MAP.N_LOAD_RUN_ID and updated its default value to 0 to achieve the synchronized design between the FCT_CREDIT_LINE_MITIGANT_MAP and FCT_ACCOUNT_MITIGANT_MAP tables.
30881934	REMOVE THE DIM_RATING TABLE	Deprecated the DIM_RATING table and removed the FK (Foreign Key) reference from the FCT_MKT_RISK_OUTPUT and FCT_COUNTERPARTY_CR_SUMMARY tables. In the place of the DIM_RATING table, the DIM_CREDIT_RATING and STG_CREDIT_RATING_MASTER tables are used.
30825414	MODIFY THE COLUMN DESCRIPTION OF STG_OPTION_CONTRACTS.V_OPTION_TYPE	Modified the STG_OPTION_CONTRACTS.V_OPTION_TYPE column description.
30581217	MODIFY OR ADD THE SOURCE COLUMN MAPPINGS THAT ARE MAPPED TO N_AGE_ON_BOOK IN THE LISTED FCAS PP TABLES	To compute the value in the column FCT_COMMON_ACCOUNT_SUMMARY.N_AGE_ON_BOOK, completed the following enhancements: <ul style="list-style-type: none"> Added the D_VALUE_DATE column in the STG_LC_CONTRACTS table and updated the mapping. Added the D_VALUE_DATE column in the STG_TRUSTS table and updated the mapping. Updated mapping for the columns STG_LEASES_CONTRACTS.D_VALUE_DATE, STG_COMMITMENT_CONTRACTS.D_EFFECTIVE_DATE, STG_CASA.D_VALUE_DATE, and STG_MUTUAL_FUNDS.D_EFFECTIVE_DATE.
30471444	ADD COUPON RATE COLUMN IN THE INSTRUMENT CONTRACT TABLES FOR SCD-54	Added the N_CURR_COUPON_RATE column in the tables DIM_INSTRUMENT_CONTRACT and STG_INSTRUMENT_CONTRACT_MASTER for SCD-54, and configured it as a Type-1 column.
30384883	MODIFY STG_LOAN_CONTRACTS.N_PURCHASE_AMOUNT AND STG_OD_ACCOUNTS.N_PURCHASE_AMOUNT COLUMN DESCRIPTIONS	Modified the N_PURCHASE_AMOUNT column description in the tables STG_LOAN_CONTRACTS and STG_OD_ACCOUNTS.

Bug Number	Bug Description	Change Comments
30326145	ADD RESTRICTED PARTY INDICATOR COLUMN IN THE TABLES STG_PARTY_MASTER AND DIM_PARTY	Added the column F_RESTRICTED_PARTY_IND (Restricted Party Indicator) in the tables STG_PARTY_MASTER and DIM_PARTY.
30173423	MODIFY V_PROPERTY_AREA_UNIT COLUMN DESCRIPTION IN THE TABLES STG_MITIGANT_MASTER AND DIM_MITIGANT	Modified the V_PROPERTY_AREA_UNIT column description in the tables STG_MITIGANT_MASTER and DIM_MITIGANT.
29313763	ENHANCE PARTY PARTY ACCOUNT RELATIONSHIP TABLES TO INCLUDE MULTIPLE RELATIONSHIPS BETWEEN TWO PARTIES	Added the V_RELATIONSHIP_TYPE_CODE column in the STG_PARTY_PARTY_ACCT_RELTNSHP table and the N_RELATIONSHIP_TYPE_SKEY column in the FCT_PARTY_PARTY_ACCT_RELTNSHP table as a part of the PK (Primary Key) set.
27072434	EXTENDING FCT_COMMON_ACCOUNT_SUMMARY FOR SWAPS	Added the columns N_FLOATING_RATE_SPREAD_PAY, N_FLOATING_RATE_SPREAD_RCV, N_HM_EFFECTIVE_INT_RATE_PAY, and N_HM_EFFECTIVE_INT_RATE_RCV in the FCT_SEC_COMDTY_ACCT_SUMMARY table. It is populated from the STG_SWAPS_CONTRACTS table in the T2T_FSCAS_SWAP_CONTRACTS.
26659321	RATING COLUMN NEEDS TO BE REMOVED FROM DIM_COUNTRY	Deprecated the DIM_COUNTRY.V_RATING_ID column.

3.5 Known Issues or Limitations

The Known Issues in the OFS Data Foundation Application Pack Release v8.1.1.0.0 is as follows:

- The following target column data type length must be increased:
 - FCT_COMMON_ACCOUNT_SUMMARY.N_PURCHASE_AMOUNT
 - FCT_COMMON_ACCOUNT_SUMMARY.N_ACCT_CYC_DUE_30DPD_BAL
 - FCT_COMMON_ACCOUNT_SUMMARY.N_ACCT_CYC_DUE_30DPD_BAL
 - FCT_COMMON_ACCOUNT_SUMMARY.N_ACCT_CYC_DUE_30DPD_BAL
 - FCT_TRANSACTION_SUMMARY.N_TXN_AMOUNT
- The tables STG_DIVER_MSTER and DIM_DIRVER must be removed from the AAI_DRF_FUNCTION_COL_MAP table.
- The Big Data installation of Stage on Hive and Results on RDBMS is not supported in the OFSDF Application Pack Release 8.1.1.0.0.

4 Hardware and Software Tech Stack Details

The hardware and software combinations required for the OFS Data Foundation Application Pack Release v8.1.1.0.0 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.

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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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