

Oracle Financial Services Data Foundation Application Pack

Release Notes

Release 8.1.0.1.0

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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	15-October-2020	Created and published the Release Notes document for the OFSDF Application Pack v8.1.0.1.0.

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1 Preface

This section provides supporting information for the Oracle Financial Services Data Foundation Application Pack Release Notes v8.1.0.1.0.

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 v8.1.0.1.0](#): This section provides information about the OFSDF Application Pack Release v8.1.0.1.0 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 8.1.0.1.0](#)
 - [Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.1.0.0.0](#)
 - [Oracle Financial Services Data Foundation Application Pack User Guide Release 8.1.0.0.0](#)
- [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](#)
- [Oracle Financial Services Data Foundation Application Pack Cloning Reference Guide Release 8.0.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 8.1.0.0.0](#)
- [OHC Documentation Library](#) for the OFS AAI Application Pack Release 8.1.x.x.x product documents:
 - [Oracle Financial Services Advanced Analytical Applications Infrastructure Installation Guide Release 8.1.0.0.0](#)
 - [Oracle Financial Services Advanced Analytical Applications Infrastructure Installation Guide Release 8.1.0.1.0](#)
 - [Oracle Financial Services Advanced Analytical Applications Infrastructure User Guide Release 8.1.0.0.0](#)

- [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 8.1.0.0.0](#)
- [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 8.1.0.0.0](#)

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 v8.1.0.1.0

Oracle Financial Services Data Foundation Application Pack v8.1.0.1.0 ML Release includes all enhancements and bug fixes since the v8.1.0.0.0 release for Stage and Results on RDBMS.

Patch ID **31775876**: ORACLE FINANCIAL SERVICES DATA FOUNDATION PACK 8.1.0.1.0 ML RELEASE

NOTE

- This release patch is applicable only for the RDBMS mode of installation.
- The erwin files patch ID **31889009** for OFSDF v8.1.0.1.0 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

The new feature added in the OFS Data Foundation Application Pack Release v8.1.0.1.0 is mentioned in the following table.

Table 1: New features, their description, and the corresponding bug numbers

Feature Name	Feature Description	Bug Number
Compare Data Model Reports UI using OJET	Changed the Compare Data Model Reports UI using Oracle JavaScript Extension Toolkit (OJET).	31796293
erwin Data Modeler	Starting September 2020, OFSAA Application Minor releases out of the box (OOB) Data Models use the latest erwin Data Modeler version. The new erwin Data Modeler version supported is 2020 R2. For the corresponding release compatible erwin Data Modeler application version, see the Oracle Financial Services Analytical Applications (OFSAA) Technology Matrix .	

For detailed information about using the existing features, see the [Oracle Financial Services Data Foundation Application Pack User Guide Release 8.1.0.0.0](#).

For more information about the OFS AAI requirements, see the [Oracle Financial Services Advanced Analytical Applications Infrastructure Installation Guide Release 8.1.0.1.0](#).

3.2 Prerequisites

The following prerequisite software must be installed for this release:

- Oracle Financial Services Advanced Analytical Applications Infrastructure (OFSAAI) Application Pack v8.1.0.0.0 Major Release from the [Oracle Software Delivery Cloud](#) plus other prerequisite OFSAAI patches (download from [My Oracle Support \(MOS\)](#)) must be installed and configured on your machine. For more information, see the *Pre-installation* section in the [Oracle Financial Services Advanced Analytical Applications Infrastructure Installation Guide Release 8.1.0.0.0](#).
- Oracle Financial Services Data Foundation (OFSDF) Application Pack v8.1.0.0.0 Major Release from the [Oracle Software Delivery Cloud](#) plus other prerequisite OFSDF patches (download from [My Oracle Support \(MOS\)](#)) must be installed and configured on your machine. For more information, see the *Pre-installation* section in the [Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.1.0.0.0](#).

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 8.1.0.1.0](#) in the OHC Documentation Library.

NOTE

- This release patch is applicable only for the RDBMS mode of installation.
- This patch installation has taken approximately 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 OFS Data Foundation Application Pack release v8.1.0.1.0.

Table 2: The list of bugs fixed in this release

Bug Number	Bug Description	Change Comments
31796293	COMPARE DATA MODEL REPORTS UI TO BE CHANGED AS NEW STANDARDS IN FSDF	Modified the Compare Data Model Reports UI using Oracle JavaScript Extension Toolkit (OJET).
31877273	FSDF8101: FCT_MITIGANTS NEW MAPPING	Added mappings for the following columns: <ul style="list-style-type: none"> • FCT_MITIGANTS N_ORIG_FAIR_VALUE to STG_MITIGANTS N_ORIG_FAIR_VALUE • FCT_MITIGANTS N_ORIG_FAIR_VALUE_RCY to STG_MITIGANTS N_ORIG_FAIR_VALUE • FCT_MITIGANTS V_ANCHOR_TENANT_ID to STG_MITIGANTS V_ANCHOR_TENANT_ID
31877245	FSDF8101: FCT_LOANS_SERVICED NEW MAPPING	Added mappings for the following columns: <ul style="list-style-type: none"> • FCT_LOANS_SERVICED.N_CR_SCORE_SRC_SKEY to STG_LOANS_SERVICED.V_CR_SCORE_SOURCE

Bug Number	Bug Description	Change Comments
		<ul style="list-style-type: none"> • FCT_LOANS_SERVICED.N_CREDIT_SCORE to STG_LOANS_SERVICED.N_CREDIT_SCORE • FCT_LOANS_SERVICED.N_ORIG_CR_SCORE_SRC_KEY to STG_LOANS_SERVICED.V_ORIG_CR_SCORE_SOURCE • FCT_LOANS_SERVICED.N_JOINING_CREDIT_SCORE to STG_LOANS_SERVICED.N_JOINING_CREDIT_SCORE • FCT_LOANS_SERVICED.N_PROMINENT_MITIGANT_SKY to STG_LOANS_SERVICED.V_PROMINENT_MITIGANT_C D • FCT_LOANS_SERVICED.N_DRAWN_AMT_MTD to STG_LOANS_SERVICED.N_DRAWN_AMT_MTD
31858577	NO SD ED COLUMN IN DIM_FINMKT_QUOTE_TYPE_CD	Removed the Start Date and End Date (SD and ED) references from the seeded data in DIM_FINMKT_QUOTE_TYPE_CD.
31790063	SEEDED DATA ENHANCEMENTS – 8101	Enhancement of the Seeded data in the current release.
31737746	REQUIRED ATTRIBUTE FOR PRIMARY SOURCE OF REPAYMENT AND REPAYMENT SOURCE ON DISTRESS IN LOANS	<p>Added the column DIM_STANDARD_PARTY_TYPE.V_STANDARD_PARTY_TY PE_DEF. Added the following columns and mapped from Stage to Fact:</p> <ul style="list-style-type: none"> • STG_LOAN_CONTRACTS.V_REPYMT_SRC_ON_DISTRESS_CD • FCT_LOAN_ACCOUNT_SUMMARY.V_REPYMT_SRC_ON_DISTRESS_CD • STG_LOAN_CONTRACTS.V_PRIMARY_REPYMT_SOURCE • FCT_COMMON_ACCOUNT_SUMMARY.V_PRIMARY_REPYMT_SOURCE
31725015	CREATE SEPARATE SUB PROCESS NAMED REFERENCE DATA LOAD TO GROUP ALL REF T2T IN SRC RUN	<p>Created a separate sub process named FSDF_REFERENCE_DATA_LOAD to group the following REF T2Ts in the Source Run (removed from the FSDF Miscellaneous Source Data Load Process):</p> <ul style="list-style-type: none"> • T2T_FCT_REF_CCY_SWAPS_RATE • T2T_FCT_REF_EQ_CMDTY_VOL • T2T_FCT_REF_EQ_DIV_RATE • T2T_FCT_REF_FOREX_RATE • T2T_FCT_REF_FOREX_VOL • T2T_FCT_REF_FRA_SWAPS_RATE • T2T_FCT_REF_INFLATION_RATE • T2T_FCT_REF_INTEREST_RATE • T2T_FCT_REF_MKT_CREDIT_RATE • T2T_FCT_REF_OPTION_VOL

Bug Number	Bug Description	Change Comments
31355514	NEED DIM TABLES TO COME THROUGH LD ROUTE IN NEXT ONE OFF	The following tables are made available in the Seeded portal sourced through the LD route: <ul style="list-style-type: none"> • DIM_KYC_RISK_CATEGORY • DIM_STANDARD_FATCA_STATUS • DIM_RUN • DIM_SCENARIO • DIM_SEGMENT • DIM_PROD_FMLY_HOLDING
31534512	IN OOB, T2T_STG_CASA_CAS THE EXPRESSION FOR N_EOP_BAL_RCY IS INCORRECT	Added the Reporting Currency column mapping and FSI_EXCHANGE_RATES join in T2T_STG_CASA_CAS.
31527362	IN OOB, T2T_STG_CORRESPONDENT_ACCOUNT_CAS THE EXPRESSION FOR N_EOP_BAL_RCY IS MISSING	Added the Reporting Currency column mapping in T2T_STG_CORRESPONDENT_ACCOUNT_CAS.
30465887	SUPPORT FOR CORRECTION TO DIMENSION DATA - CURRENT AND PAST	Enabled the Restatement Support (backdated execution) for the Dimensions through SCDs as a part of the OFSAAI 8.1.0.1.0 Release. For more information, see the <i>DMT Configurations</i> section in the Oracle Financial Services Advanced Analytical Applications Infrastructure User Guide Release 8.1.0.0.0 .

3.5 Known Issues or Limitations

The known issues in the OFS Data Foundation Application Pack release v8.1.0.1.0 are as follows:

- Currently, there is no data flow into the DIM_PHONE table. **0** and **-1** are used to insert the data into the FCT_PARTY_PHONE_MAP and FCT_ACCOUNT_PHONE_MAP tables. In the upcoming releases, first, the DIM_PHONE table will be populated from the STG_PARTY_PHONE_MAP and STG_ACCOUNT_PHONE_MAP tables, and then the data will be populated in the FCT_PARTY_PHONE_MAP and FCT_ACCOUNT_PHONE_MAP tables.
- The Fact table columns FCT_ENTITY_SHARE_HOLDING.N_INVESTEES_ENTITY_SKEY and FCT_ENTITY_SHARE_HOLDING.N_INVESTOR_ENTITY_SKEY contain a Foreign Key reference to the DIM_CUSTOMER table. The Foreign Key constraint will be removed in the upcoming releases, however, the Fact table column will continue to be present in the data model.

4 Hardware and Software Tech Stack Details

The hardware and software combinations required for the OFS Data Foundation Application Pack Release v8.1.0.1.0 are available in the [Oracle Financial Services Analytical Applications \(OFSAA\) Technology Matrix Release 8.1.0.0.0](#).

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 8.1.0.0.0](#) 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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