Oracle Financial Services Data Foundation Application Pack

Release Notes

Release 8.1.2.1.0

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ORACLE
Financial Services

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Oracle Financial Services Data Foundation Application Pack Release Notes

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Document Control

This section lists all the details of document control:

Table 1: Document Control

Version	Revision Date	Change Log
1.0	March 2022	Created the OFSDF Application Pack Release Notes for the Release v8.1.2.1.0.

Table of Contents

1 Preface 5
1.1 Audience 5
1.2 How this Guide is Organized 5
1.3 Access to the Oracle Support 5
1.4 Related Documents 6
2 Introduction 8
2.1 About the Oracle Financial Services Data Foundation Application Pack 8
2.2 Components of the OFSDF Application Pack 8
3 OFSDF Application Pack Release Notes v8.1.2.1.0 10
3.1 New Features 10
3.2 Prerequisites 10
3.3 Installing this ML Release 11
3.4 Bugs Fixed in this Release 11
3.5 Known Issues or Limitations 14
4 Hardware and Software Tech Stack Details 15
5 Licensing Information 16

1 Preface

This section provides supporting information for the Oracle Financial Services Data Foundation Application Pack Release Notes v8.1.2.1.0.

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 v8.1.2.1.0: This section provides information about the OFSDF Application Pack Release v8.1.2.1.0 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 8.1.2.1.0
  - Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.1.2.0.0
  - Oracle Financial Services Data Foundation Application Pack User Guide Release 8.1.2.0.0
- 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 8.1.2.0.0
- 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 8.1.2.0.0
  - Oracle Financial Services Advanced Analytical Applications Infrastructure User Guide Release 8.1.2.0.0
  - 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 8.1.2.0.0
  - 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 8.1.2.0.0

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 v8.1.2.1.0

Oracle Financial Services Data Foundation Application Pack v8.1.2.1.0 ML Release includes all enhancements and bug fixes since the v8.1.1.0.0 release for Stage and Results on RDBMS.

Patch ID **33716139**: ORACLE FINANCIAL SERVICES DATA FOUNDATION 8.1.2.1.0 ML RELEASE (FSDF)

> **NOTE**
> This release patch is applicable only for the RDBMS mode of installation. The erwin files patch ID **33720084** for OFSDF v8.1.2.1.0 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 v8.1.2.1.0.

For detailed information about using the existing features, see the Oracle Financial Services Data Foundation Application Pack User Guide Release 8.1.2.0.0.

3.2 Prerequisites

The following prerequisite software must be installed for this release:

- Oracle Financial Services Data Foundation (OFSDF) Application Pack v8.1.2.0.0 Minor Release patch ID **32820351** 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 8.1.2.0.0.

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 8.1.2.1.0 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 v8.1.2.1.0.

List of Enhancements and Bugs Fixed in this Release

Bug Number	Subject	Changed Description
33889537	INTRODUCE NEW T2T-FCT_INDEX_COMPOSITION - FSDF 8121	Created the T2Ts T2T_FCT_INDEX_COMPOSITION and T2T_FCT_INDEX_DETAILS. Created the SCD-1403-DIM_INDEX-STG_INDEX_MASTER.
33776203	NEW DATA FLOW REQUIRED FOR ACCOUNT CREDIT QUALITY STATUS	Created the T2T T2T_FCT_ACCT_CR_QUALITY_STS to capture the Status of the Credit Quality at the Account-level.
33560275	SEC T2TS HAS TO BE INCLUDED IN FSDF BASEL INTEGRATION PROCESS	Added the following T2Ts for BASEL in the FSDF PMF Process in the mentioned sequence for execution: • T2T_FRCAS_FCT_SEC_EXPOSURES • T2T_FRCAS_FCT_SEC_EXPOSURES_CHILD • T2T_FRCAS_FCT_SEC_EXPOSURES_PARENT
33533008	DIM_INSTRUMENT_CONTRACT SCD IS FAILING POST FSDF 811 UPGRADE	Removed the V_PROD_TYPE Column from the SCD-54.
33522529	DATAFLOW FROM STG_COMMITMENT_CONTRACTS TO FCT_COMMON_ACCOUNT_SUMMARY. N_AMORTIZED_COST	Modified mapping for the n_amortized_cost column from the Table STG_COMMITMENT_CONTRACTS to the Table FCT_COMMON_ACCOUNT_SUMMARY by modifying the Expression.

Bug Number	Subject	Changed Description
33494091	MISSING SCD MAPPING FROM STG_LOB_MASTER TO DIM_LOB	Modified the SCD-61 and mapped the following Columns from the STG_LOB_MASTER Table to the DIM_LOB Table: • V_LEVEL17_LOB_CODE • V_LEVEL17_LOB_DESC • V_LEVEL18_LOB_CODE • V_LEVEL18_LOB_DESC • V_LEVEL19_LOB_CODE • V_LEVEL19_LOB_DESC • V_LEVEL20_LOB_CODE • V_LEVEL20_LOB_DESC
33432713	STG_LOANS_SERVICED.D_FORECLOSURE_REF_DATE DEFINITION	Modified the STG_LOANS_SERVICED.D_FORECLOSURE_REF_DATE Column Description.
33416937	MODIFY DQ RULES OF DQ ID DQCUSTACCT0127 AND DQCUSTACCT0152	Modified the DQ Rules of the DQ IDs DQCUSTACCT0127 and DQCUSTACCT0152.
33373967	80X MISSING PK CONSTRAINTS	Added the Primary Key Constraints in the following Tables: • STG_ADDR_PURPOSE_TYPE_MASTER • STG_ACCOUNT_ADDRESS_MAP • STG_ACCOUNT_PHONE_MAP • STG_ACCOUNT_EMAIL_MAP To resolve the issue of missing Primary Keys, a procedure is added in the *Pre-installation* Section of the Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.1.2.1.0.

Bug Number	Subject	Changed Description
33358580	HEDGE INFORMATION SOURCING FOR SUPPORTING 14Q-B2 REPORTING	• Oracle recommends to the new Customers that starting from the OFSDF 8.1.2.1.0 Release, source the data into the STG_HEDGE_MASTER Table to populate the Tables DIM_HEDGE and DIM_HEDGE_PORTFOLIO_SET as STG_HEDGE_PORTFOLIO_SET_MASTER is a duplicate Table. Even if the existing Customers are sourcing data into the STG_HEDGE_MASTER Table or the STG_HEDGE_PORTFOLIO_SET_MASTER Table, then the DIM_HEDGE and DIM_HEDGE_PORTFOLIO_SET Tables are populated. For this purpose, created the SCD-1030 and created a POI SCD Batch with the Batch Name `##INFODOM##_EXTERNAL_ENGINE_SCD`. • Created the POI_HEDGE_DETAILS Table to source the External Engine Data from the OFS HM to OFSDF. In the existing process, where the External Engine Data is sourced in the absence of OFSAA Applications, created the POI T2T T2T_FCT_REG_HEDGE_DETAILS for OFS HM in the existing Metadata list.
33327325	REPORTING OF BA WHICH ARE REPORTED AS OTHER ASSETS FROM STG_OTHER_ASSETS TABLES	Added the following column mappings from the STG_OTHER_ASSETS Table to the FCT_COMMON_ACCOUNT_SUMMARY Table: • N_INTERNAL_CUST_ENTITY_SKEY • N_PROD_BALANCE_SHEET_CAT_SKEY • N_STANDARD_PRODUCT_TYPE_SKEY • N_HOLDING_TYPE_CD • N_STANDARD_CUSTOMER_TYPE_SKEY • N_MATURITY_DATE_SKEY • N_ENTITY_TYPE_SKEY • N_LOAD_RUN_ID
32725201	LOGIC FOR FCT_COMMON_ACCOUNT_SUMMARY. N_ACCRUED_INTEREST PER T2T_STG_TD_CONTRACTS_CAS	Modified the Expression for the N_ACCRUED_INTEREST Column in the T2Ts T2T_STG_CASA_CAS and T2T_STG_TD_CONTRACTS_CAS.
33620459	T2T FOR FCT_COMPENSATION_DETAILS FROM STG_COMPENSATION_DETAILS NOT AVAILABLE	Created PMF Pipeline for the T2T T2T_FCT_COMPENSATION_DETAILS.
33621596	SCD-585-DIM_COMPENSATION_TYPE-STG_COMPENSATION_TYPE_MASTER. SQL PRESENT IN SVN BUT NOT EXECUTED AS PART OF FSDF 812	Created the SCD-585-DIM_COMPENSATION_TYPE-STG_COMPENSATION_TYPE_MASTER.

3.5 Known Issues or Limitations

There are no Known Issues or Limitations in the OFS Data Foundation Application Pack release v8.1.2.1.0.

4 Hardware and Software Tech Stack Details

The hardware and software combinations required for the OFS Data Foundation Application Pack Release v8.1.2.1.0 are available in the Oracle Financial Services Analytical Applications (OFSAA) Technology Matrix Release 8.1.2.0.0.

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 8.1.2.0.0 available in the OHC Documentation Library.

OFSAA Support

Raise a Service Request (SR) in My Oracle Support (MOS) for queries related to OFSAA applications.

Send Us Your Comments

Oracle welcomes your comments and suggestions on the quality and usefulness of this publication. Your input is an important part of the information used for revision.

- Did you find any errors?
- 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?

If you find any errors or have any other suggestions for improvement, indicate the title and part number of the documentation along with the chapter/section/page number (if available) and contact the Oracle Support.

Before sending us your comments, you might like to ensure that you have the latest version of the document wherein any of your concerns have already been addressed. You can access My Oracle Support site that has all the revised/recently released documents.