

ORACLE®

Financial Services

Data Integration Application Pack

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Preface

This Preface provides supporting information for Oracle Financial Services Data Integration (OFS DI) Application Pack Release Notes and includes the following topics:

- ◆ [Overview of OFSAA](#)
- ◆ [Purpose of This Document](#)
- ◆ [Intended Audience](#)
- ◆ [Documentation Accessibility](#)
- ◆ [Related Documents](#)

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.

Purpose of this Document

This document contains release information for the following products:

- ◆ Oracle Financial Services Analytical Applications Infrastructure (OFS AAI)
- ◆ Oracle Financial Services Data Integration Hub (OFS DIH)
- ◆ Oracle Financial Services Data Relationship Management (DRM) Interface
- ◆ Oracle Financial Services Oracle Banking Platform (OBP) Interface
- ◆ Oracle Financial Services DIH extension for FAH:
- ◆ Oracle Financial Services Accounting Hub Cloud Service Integration for Banking
- ◆ Oracle Financial Services Accounting Hub Cloud Service Integration for Insurance

Intended Audience

This document is intended for users of Oracle Financial Services Data Integration Application Pack.

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>.

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.

Related Documents

This section identifies additional documents related to OFS DI Application Pack. You can access the below documents online from the documentation Library for [OFS DI 8.x](#).

- ◆ Oracle Financial Services Data Integration (OFS DI) Application Pack 8.0.7.0.0 Installation Guide
- ◆ Oracle Financial Services Data Integration Hub User Guide Release 8.0.7.0.0
- ◆ Oracle Financial Services Data Integration Pack Extension for DRM User Guide Release 8.0.7.0.0
- ◆ Oracle Financial Services Data Integration Pack Extension for OBP User Guide Release 8.0.7.0.0
- ◆ Oracle Financial Services Data Integration Pack Extension for FCUBS User Guide Release 8.0.7.0.0
- ◆ Oracle Financial Services Data Integration Pack Extension for FAH User Guide Release 8.0.7.0.0
- ◆ Oracle Financial Services Accounting Hub Cloud Service Integration for Banking User Guide Release 8.0.7.0.0
- ◆ Oracle Financial Services Accounting Hub Cloud Service Integration for Insurance User Guide Release 8.0.7.0.0

You can access the OFS AAI documentation online from the documentation library for [OFS AAI 8.x](#):

- ◆ OFS Advanced Analytical Applications Infrastructure (OFS AAI) Application Pack Installation and Configuration Guide v8.0.7.0.0
- ◆ OFS Analytical Applications Infrastructure User Guide v8.0.7.0.0

The additional documents are as follows:

- ◆ [OFS Analytical Applications Infrastructure Security Guide](#)
- ◆ [OFSAAI FAQ Document](#)
- ◆ [OFS Analytical Applications 8.0.7.0.0 Technology Matrix](#)

Introduction to Oracle Financial Services Data Integration Application Pack

Data Integration Hub (DIH) enables to load the data from the source systems to the OFSAA and extract from OFSAA through logical interfaces, known as Application Data Interfaces (ADI). It enables data loading and extracting to/from staging and results area. DIH provides a set of User Interfaces (UI), which is used to define and maintain External Data Descriptor (EDD), Application Data Interfaces, and also map the EDDs and ADIs through Connectors. The mappings can be one to one, one to many, many to one, and many-to-many.

Components of Oracle Financial Services Data Integration Application Pack

OFSDI Application Pack includes the following applications:

Oracle Financial Services Data Integration (OFS DI) Application pack includes Financial Services Analytical Applications Infrastructure, Financial Services Data Integration Hub application, and four prebuilt interfaces such as Oracle Banking Platform (OBP), Flexcube, Data Relationship Management (DRM), and AHCS for Banking and Insurance.

The Financial Services Analytical Applications Infrastructure is comprised of a set of frameworks that operates on and with the Oracle Financial Services Analytical Applications Data Model. This infrastructure delivers metadata across the stack and provides a single set of computational engines, stochastic modeling methods, and business rules. Data Integration Hub allows financial institution to source data from multiple source systems to OFSAA required for analytical processing and reporting.

- **Oracle Financial Services Analytical Applications Infrastructure:** OFSAA Infrastructure is the foundation for Oracle Financial Services Analytical Applications (OFSAA). It provides support for User Administration, Metadata Management, a Processing Framework, a Forms Framework, and additional capabilities, necessary for the individual business applications of OFSAA packs, across the domains of Risk, Performance, Compliance, and Customer Insight.
- **Oracle Financial Services Data Integration Hub:** Enables to load the data from the source systems to the OFSAA and extract data from OFSAA through logical interfaces, known as Application Data Interfaces (ADI). It enables data loading & extract to/from staging and results area. DIH provides a set of User Interfaces (UI), which is used to define and maintain External Data Descriptor (EDD), Application Data Interfaces, and also map the EDDs and ADIs through Connectors. The mappings can be one to one, one to many, and many-to-many.
- **Oracle Financial Services Data Relationship Management (DRM) Interface:** Oracle Data Relationship Management (DRM) helps proactively manage changes in master data across operational, analytical, and enterprise performance management silos. Users may make changes in their departmental perspectives while ensuring conformance to enterprise standards
- **Oracle Financial Services Oracle Flexcube Universal Banking (FCUBS) Interface:** Oracle FLEXCUBE Universal Banking (FCUBS) supports the changing landscape of retail, corporate, and investment banking needs with strong transaction banking and Islamic banking capabilities. The current FCUBS-OFSAA interfaces, transfers all key data elements across various modules within FCUBS to OFSAA Common Staging Area (CSA). The integration between the Oracle FCUBS and the OFSAA enables the financial institutions to:

- Get insight to customer patterns based on the data captured in core banking
- Achieve end-to-end improvement in business delivery
- Achieve effective performance and risk free management using the available customer data

This integration is achieved by handing off FCUBS core banking data with OFSAA through FLEXCUBE Information Server (FIS) and DIH.

- **Oracle Financial Services Oracle Banking Platform (OBP) Interface:** Oracle Business Platform (OBP) is designed to help banks respond strategically to today's business challenges and progressively transform their business models through industrialized business processes, driving productivity improvements across front and back offices, and reducing operating costs. It supports banks' growth agenda through new distribution strategies including multi-brand or white labeling to tap new markets and enterprise product origination supporting multi-product and packages to drive an increased customer-to-product ratio.
- **Oracle Financial Services Fusion Accounting Hub (FAH) Interface:** Oracle Fusion Accounting Hub (FAH) is an accounting integration platform that allows customers to integrate and standardize accounting from non-Oracle transactional systems to create accounting entries in any general ledger (for example, Fusion, E-Business Suite, PeopleSoft or other non-Oracle general ledger systems and so on).
- **Oracle Financial Services Accounting Hub Cloud Service Integration for Banking:** Accounting Hub Cloud Service Integration for Banking is an accounting integration platform that allows customer to integrate and standardize banking accounting from non – Oracle transactional systems to create accounting entries in any general ledger with the Oracle Accounting Hub Cloud environment. It has seeded subledgers related to banking which can be integrated with the Accounting Hub Cloud environment.
- **Oracle Financial Services Accounting Hub Cloud Service Integration for Insurance:** Accounting Hub Cloud Service Integration for Insurance is an accounting integration platform that allows customer to integrate and standardize Insurance accounting from non – Oracle transactional systems to create accounting entries in any general ledger with the Oracle Accounting Hub Cloud environment. It has seeded subledgers related to insurance which can be integrated with the Accounting Hub Cloud environment.

Oracle Financial Services Data Integration Application Pack

This chapter includes the following topics:

- ◆ [New Features](#)
- ◆ [How to Apply this Release?](#)
- ◆ [Bugs Fixed in this Release](#)

New Features

The following are the list of enhancements incorporated in this release:

1. Framework:

- a. **Aggregation on Entire Dataset** – This feature allows you to use aggregation component to aggregate the entire dataset (insert or extract type connector).
- b. **Truncate Prior Load** – This feature allows you to specify truncate option in connector. In case of re-load of existing data truncate, there is an option to truncate data (full table/partition/specific rows) before initiating the load.
- c. **Flatten Hierarchy to Parent-Child Hierarchy Transformation** – This feature allows you to define load directly from source without any custom transformations or pre-staging layer. This component is applicable when source has level based hierarchy in a flattened structure and when the target is populated in parent-child structure.
- d. **Reconciliation for Amount Measures** – External Data Descriptor in DIH supports reconciliation of data based on sum or average of amount columns in the source control file. It also allows you to specify a difference threshold (percent or absolute) to be used during reconciliation. You can define multiple amounts of reconciliation for a single file.
- e. **Control Details Generation for File extracts** – External Data Descriptor in DIH allows you to specify control details which is generated when data gets extracted from OFSAA to a file. There is an option to generate control as a separate file.
- f. **Batch Execution Details** – There is an enhance batch execution report, which gives detailed statistics of the execution such as source File Names, Control Report, Batch Frequency, Load Run ID, Runtime Parameter Values and so on.

ATTENTION: Standard View of connectors is de-supported from current 8.0.7 release. All connectors defined in standard view must be migrated to Dataflow view to view or edit. The utility to migrate connectors from standard view to data-flow view must be used for enabling connectors for edit or view.



2. OFSAA Interface Connectors:

a. Data Relationship Management (DRM) Interface:

- Qualifications of pre-built connectors on Big Data.

b. Oracle Flexcube Universal Banking (FCUBS) Interface:

- Qualifications of pre-built connectors on Big Data.

c. Oracle Banking Platform (OBP) Interface:

- Qualifications of pre-built connectors on Big Data.

d. Accounting Hub Cloud Service Integration for Banking

- New product added to the DIH pack which comprises of banking related subledgers and connectors to integrate with Accounting Hub Cloud.

e. Accounting Hub Cloud Service Integration for Insurance

- New product added to the DIH pack which comprises of insurance related subledgers and connectors to integrate with Accounting Hub Cloud.

For detailed information on usage of these enhancements, refer to the User Guides on

[OHC](#) Documentation Library



How to Apply this Release?

1. Login to <https://support.oracle.com/> under the Patches & Updates tab.
2. For detailed instructions on installing this release, refer OFSAA DIH Application Pack 8.0.7 Installation Guide in [OHC](#) Documentation Library.

Bugs Fixed in this Release

Bug ID	Description
26808902	HEADER/ TRAILER RECORDS IN T2F EXTRACTS THROUGH DIH



Oracle Financial Services Analytical Applications Infrastructure

For details about the new features, bugs fixed, and list of known issues in OFS Analytical Applications Infrastructure, see OFS Advanced Analytical Applications Infrastructure (OFS AAI) Application Pack Readme on [OHC](#) Documentation Library.



Hardware/Software Tech Stack Detail

The hardware/software combinations required for OFS DI Application Pack 8.0.7.0.0 are available at [OTN Tech Stack](#).



Licensing Information

Information about the third party software tools used in OFS DI Application Pack 8.0.7.0.0 is available in the OFSAA Licensing Information User Manual Release 8.0.7.0.0, at the [OHC](#) Documentation Library.



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