

Oracle Financial Services Data
Integration Application Pack
8.0.1.0.0

Release Notes

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DOCUMENT CONTROL

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Preface

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

- [Purpose of This Document](#)
- [Intended Audience](#)
- [Related Documents](#)

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 Flexcube Universal Banking (FCUBS) Interface
- Oracle Financial Services Oracle Banking Platform (OBP) Interface
- Oracle Financial Services Fusion Accounting Hub (FAH) Interface

Intended Audience

This document is intended for users of Oracle Financial Services Data Integration (OFS DI) Application Pack.

Related Documents

This section identifies additional documents related to OFS DI Application 8.0.1.0.0. You can access Oracle documentation online from the Documentation Library ([OTN](#)).

- *Oracle Financial Services Data Integration (OFS DI) Application Pack 8.0.1.0.0 Installation Guide*
- *Oracle Financial Services Data Integration Hub User Guide Release 8.0.1.0.0*
- *Oracle Financial Services Data Integration Pack Extension for DRM User Guide Release 8.0.1.0.0*
- *Oracle Financial Services Data Integration Pack Extension for FCUBS User Guide Release 8.0.1.0.0*
- *Oracle Financial Services Data Integration Pack Extension for OBP User Guide Release 8.0.1.0.0*

- *Oracle Financial Services Data Integration Pack Extension for FAH User Guide Release 8.0.1.0.0*
- [Oracle Financial Services Analytical Applications Technology Matrix](#)

1 Introduction

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, and many-to-many.

1.1 Components of OFS DI Application Pack

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 Fusion Accounting Hub (FAH).

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 & 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).

2 Oracle Financial Services Analytical Applications Infrastructure

This chapter includes the following topics:

- [New Features](#)
- [Known Issues and Limitations in this Release](#)
- [List of Bugs Fixed in this Release](#)

2.1 New Features

Following is the list of new features incorporated in this release. For detailed information on usage of these features, refer to OFSAAI 8.0.1.0.0 User Guide in [OTN](#) Documentation Library.

1. Business Restructure

- Business Restructuring in corporate management is act of reorganizing Ownership, Operational or other structures of the company for making it more profitable or better organized for its present needs. Other reasons for restructuring include demerger or a response to major change in the business such as repositioning or buyout. A module has been introduced in this release to configure and manage the restructuring process across the organization.

2. Process Orchestration Framework

- A new module has been introduced to support built-in tooling for orchestration of human, automatic workflow interfaces as well as various OFSAA Processes.
- Support for visual modeling of the Workflow and Processes.
- Support for registration of Process /Activity/ Transition Logic implementation, separated from the modeling process itself.
- Built-in orchestration engine (included within OFSAAI's runtime) for workflow execution (interactive model as opposed to the batch model supported through Rule Run Framework).
- Published interface for abstraction of workflow task implementation.
- Representation of the workflow-routing rule logic in Java/ PL-SQL / Web-service.
- Process Monitoring Admin Tool to view and control the Execution Process Instances.

3. Data Management Tools

- Ability to preview Database details while creating Data Sources has been introduced.
- Ability to preview data of the source/ target entities has been provided while defining Data Mapping and Data File Mapping.
- For Data Mapping, there is no default limit set for Rejection Threshold and the value needs to be set if it is required.

- Data Sources creation has been modified to pick up the connection details created from the Database Details screen.

4. Data Quality Framework

- Data Quality rules can be defined on Data Management Sources.
- Data Quality checks can be performed based on Unique Identifier Columns other than Primary Key columns.
- In the Data Quality Reports, the Primary Key columns or Unique Identifier Columns are displayed.

5. Mapper

- Copy feature of Mapper definitions is introduced.
- While defining a Mapper, an option to create Database View has been provided.

6. Business Metadata Management

- Ability to preview the query and the data from the Dataset definition is introduced.

7. Object Migration

- Command Line Migration now supports Security Management System (SMS) objects such as Users, Usergroups, Functions, Roles, and Profiles along with the mappings.
- The Object Migration Command Line Utility (offline option) supports wildcard (*) feature.

8. Run Rule Framework

- The **Use Descendants** option for a Parent Child hierarchy has been provided to apply self/ descendants to a Run/Process condition implicitly.
- The Process engine has been enhanced to support “Select Insert” and “Partition Swap” query along with the “Merge” query.
- The Rule engine has been enhanced to support “Select Insert” and “Partition Swap” query along with the “Merge” query.

9. Model Upload

- A command line utility has been introduced to perform Object Registration independently for an Information Domain where model upload is done successfully.

10. DEFQ

- From the Excel Entity Mappings and Excel Upload screen, you can download the Excel template which is used in the mapping.

11. System Configuration and Identity Management

- Create New Application feature has been introduced, which enables to create an Application using the standard platform frameworks.
- The Database details screen has been enhanced to support for heterogeneous database.
- Users can be created with an option to authenticate through SMS even when LDAP or SSO authentication is enabled.
- SSO authentication using SAML v2 is introduced. This release supports only 1-way SAML authentication.
- User Provisioning API is provided so that User Objects can be provisioned in OFSAAI using web service call.
- An option to reinstate the deleted users has been introduced.

12. Forms Framework

- **Flexible Key Business Dimensions(KBDs)**
 - Configuring Flexible KBDs is supported, which provides centralized configuration approach to KBD usage in the Applications, other than the seeded KBDs.
- **Other Enhancements**
 - Spell check feature can be enabled for Text Box, Text Area, and Rich Text controls.
 - A new feature is provided to pick the list of values for radio button and check box dynamically.
 - Dynamic Filtering of drop-down for multi-select control has been introduced.
 - Tool tips are provided for the wrap and unwrap buttons when the Image text is blank.
 - Auto-fit feature is provided for Editable grid with multiple grids.
 - Special characters are supported in multi-select control.
 - Document delete feature is provided.

13. Metadata Browser

- Data Mapping along with User Defined Properties (UDPs) can be exported to Excel.
- An option to display Data Mapping with the selected UDPs is provided.
- The following objects are supported:
 - Data Sources
 - Data Source Entity

14. Link Analysis

- Single click option has been provided for Nodes.
- If multiple links (different types) are shared between two nodes, then the link is considered as complex link instead of duplicate link.
- Link Analysis graph has been enhanced to display with scroll bars for large graphs. Additionally, when a graph is zoomed out, the scroll bars will be displayed.

2.2 Known Issues/ Limitations in This Release

Component	Sub-Component	Bug ID	Description	
Administration	-	21423196	OFSAAI does not allow to enter the special characters such as '~!@#\$\$%^&*()_+' in SFTP / FTP details screen	
Data Entry Forms and Queries	Excel Upload	21354370	The Description of an Excel-Entity mapping definition is not getting updated in edit mode.	
Model Upload		21207454	Model upload summary grid does not display the status of Object Registration process.	
Rules Framework	Rule Execution Engine	21335353	Execution log does not provide detailed steps of execution if Execution mode is set as SELECT or PARTITION SWAP at Rule/Process/Run Level.	
System Configuration	Database Details	21341795	No field restriction is given for the Name field in the Database details. Validation is done only after user clicks Save.	
Unified Metadata Manager	Business Metadata Management	21205832	When a multi level hierarchy is used and the same hierarchy is repeated in more than one level, Pushdown operation is failing.	
	Data Quality Group	21297551	Data Quality Group Summary grid does not display whether the DQ group is defined on Data Source or Infodom.	
	Data Quality Definition		21421824	Java script error occurs when user clicks the online help icon from DQ Rule Summary page.
			21297543	Data Quality Rule Summary grid does not display whether the DQ Rule is defined on Data Source or Infodom.
			21216533	If you are defining Data Quality check on a Data Management Source, only quality check will be done; data correction will not be done since it is an external source. The UI does not restrict to perform any assignments on such DQ rules.
	Import Business Model	21422610	Model Upload log file provides incorrect information about indices.	
	Metadata Archive Restore	21178745	From the Object Migration> Restore Metadata, when you click Browse to select the DMP file, the folders are not displayed.	
	Technical Metadata Management		21229361	Table Logical name is empty for Data File Mapping screen.
		21201150	Show Details/ Data Preview should be available under selected Members tree.	
Forms Framework	Forms Manager	21221027	Forms Manager application expects IE 11 Compatibility Mode setting from every client browser.	

2.3 List of Bugs Fixed in this Release

Component	Sub-Component	Bug ID	Description
Unified Metadata Manager	Metadata Browser	21237919	COLUMN NAME ON WHICH MEASURE BUILT IS MISSING IN METADATA BROWSER
		20873646	FORMAT OF PDF DOWNLOADED FROM MDB SCREEN IS NOT PROPER
	Data Quality Definition	19986171	QUERY VALIDATION FAILING WHEN CLICKED ON GENERATE QUERY FOR CUSTOM CHECK
	Technical Metadata Management	19435376	REMOVE RLT FROM MAPPING SCREEN FOR FILE EXTRACTS (SysDate and Constant value are supported)
		19429082	IF TABLE LOGICAL NAME IS EMPTY THE UI APPENDS NULL TO IT WHEN U REOPEN ENTITIES
Data Entry Forms and Queries	Forms Designer	19786363	'SELECT LIST' DOES NOT WORK IN 'INEDIT OR ADD' IN DEFQ FOR FOREIGN KEY COLUMN
	Data Entry	21339254	NUMBER FORMAT CAUSE EDIT TO FAIL WITH SPECIAL CHARACTER NOT ALLOWED ALERT
		19928860	FILTERS NOT WORKING PROPERLY ON DEFI WHEN EXPORT SELECTED
		19684150	DATA ENTRY SCREEN ALLOWS TO ENTER SPECIAL CHARACTERS IN TABLES USING COPY/PASTE
		20753155	FILTER CONDITION IS MISSING WHEN EXPORTING DATA FROM ENTRY FORM INTO CSV FILE

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		17568615	CLICKING ON GRID VIEW & THEN COPY IS SHIFTING TO THE RIGHT BY ONE COLUMN.
		19635160	INVALID INPUT FOUND FOR PARAMETER TABLE NAME" ERROR ON CLICKING COLUMN HEADER
		19634971	SEARCH FUNCTIONALITY NOT WORKING WHEN CREATED A FORM WITH TWO TABLE
Dimension Management		18876170	REV_HIER_FLATTENED USE & AS DELIMITER CAUSING BATCH HIERARCHY LOAD OVERLOAD
Operations		19824312	TIMESTAMP(DATE & TIME) REQUIRED IN ICCSERVER LOG
	Batch Execution	20605588	BATCH EXECUTION SHOULD THROW PROPER ALERT IF ICCSERVER IS DOWN
Forms Framework	Forms Manager	20626675	MASKING ISSUES IN FORMS FRAMEWORK
		20753413	FORM DATASET ENTITIES DOES NOT ALLOW CONFIGURATION OF MORE THAN 4000 CHARACTERS
Metadata such as T2T, F2T, etc		20802601	MESSAGESERVER SHOULD SHOW PROPER LOG IF PASSWORD ABOUT TO EXPIRE
		19689752	F2T LOAD SUCCESSFUL BUT RECEIVED [6601] COULD NOT READ HEADER FILE
	F2T Issues	21103110	UNABLE TO F2T WHEN SOURCE IS DEFINED ON A REMOTE SERVER
Preferences	Global	21345344	GLOBAL PREFERENCES: FUNCTIONAL CURRENCY AND SIGNAGE BLANK
Rules Framework	Manage Run Execution	20760953	WHEN ATTEMPTING TO LAUNCH 2 RRF BATCHES IN PARALLEL ORA-00001 IS RECEIVED

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		21105097	BACKWARD COMPATIBILITY MISSING FOR WSMRE UTILITY
		17585185	GETTING WEBSERVICEEXCEPTION WHILE EXECUTING WSMRESTARTUP.SH
	Rule Execution Engine	20228822	CHANGE OF MERGE WITH PARTITION SWAP
		19610888	MERGE ARE NOT TAKE ADVANTAGE OF PARTITION LOGIC IN CASE QRY_OPT_USE_ROWID=Y
Link Analysis	-	21176553	NETWORK VISUALIZATION GRAPH IS NOT LOADING (DISPLAYING), ITS THROWING JSP ERROR.
		20754376	LINK ANALYSIS AFTER LOADING THE GRAPH ACKNOWLEDGMENT IS REQUIRED
Install and Upgrade Issues	-	21220708	MEDIA PACK INSTALLERS ARE NOT VALIDATING ORACLE DATABASE VERSION PRE-REQUISITES
		21168440	PRE-CHECK UTILITY SHOULD VALIDATE THE EXISTENCE OF EN_US.UTF-8 LOCALE
		21052420	SCHEMA CREATOR UTILITY VALIDATION FAILS IF ORACLE SERVER IS ON A WINDOWS MACHINE
		20952939	PORTC.JAR DOES NOT CHANGE PORT TO 443

3 Oracle Financial Services Data Integration Hub

This chapter includes the following topics:

- [New Features](#)
- [Limitations and Known Issues](#)

3.1 New Features

Following is the list of new features incorporated in this release. For detailed information on usage of these features, refer to the DIH User Guide Release 8.0.1.0.0 in [OTN Documentation Library](#).

1. DIH application displays result area as logical interface along with staging area.
2. New Source type such as DB2, SQL Server, Sybase, Teradata are supported.
3. Data can be loaded into result area directly.
4. Data can be extracted from OFSAA (Staging and Results) to a file or Oracle Database.
5. Reference Mapping can be performed using Excel.

3.2 Limitations and Known Issues

Bug ID	Description
21535507	Log shows object already exists when di pack installed on top of few apps
20378183	Connector parameters are not able to pass through Rules Frame work
19661561	Session timeout is not happening in all dih screens

4 Oracle Financial Services Data Relationship Management (DRM) Interface

This chapter provides information on the new features in Data Relationship Management (DRM) Interface.

4.1 New Features

Following is the list of new features incorporated in this release. For detailed information on usage of these features, refer to the DRM User Guide Release 8.0.1.0.0 in [OTN Documentation Library](#).

1. **Source Version Based Deployment/Undeployment:** Allows the user to deploy the connectors by selecting the source version. Provides user the flexibility of un-deploying and re-deploying in case of source application upgrade.
2. **Post Load Changes:** Post Load Changes data transformations is supported for some of the interfaces which require additional populations apart from connector execution.
3. **Batch Framework:** Batch framework screens are added for the interface where user can create and execute the batches for connectors which are in published state. Additionally, the batches are seeded for predefined data transformations.

5 Oracle Financial Services Oracle Flexcube Universal Banking (FCUBS) Interface

This chapter provides information on the new features in Oracle Flexcube Universal Banking (FCUBS) Interface.

5.1 New Features

Following is the list of new features incorporated in this release. For detailed information on usage of these features, refer to the FCUBS User Guide Release 8.0.1.0.0 in [OTN Documentation Library](#).

1. **Source Version Based Deployment/Undeployment:** Allows the user to deploy the connectors by selecting the source version. Provides user the flexibility of un-deploying and redeploying in case of source application upgrade.
2. **Batch Framework:** Batch framework screens are added for the interface where user can create and execute the batches for connectors which are in published state.

6 Oracle Financial Services Oracle Banking Platform (OBP) Interface

This chapter provides information on the new features in Oracle Banking Platform (OBP) Interface.

6.1 New Features

Following is the list of new features incorporated in this release. For detailed information on usage of these features, refer to the OBP User Guide Release 8.0.1.0.0 in [OTN Documentation Library](#).

1. **Source Version Based Deployment/Undeployment:** Allows the user to deploy the connectors by selecting the source version. Provides user the flexibility of un-deploying and redeploying in case of source application upgrade.
2. **Batch Framework:** Batch framework screens are added for the interface where user can create and execute the batches for connectors which are in published state.

7 Oracle Financial Services Fusion Accounting Hub (FAH) Interface

This chapter provides information on the new features in Fusion Accounting Hub (FAH) Interface.

7.1 New Features

Following is the list of new features incorporated in this release. For detailed information on usage of these features, refer to the FAH User Guide Release 8.0.1.0.0 in [OTN Documentation Library](#).

1. **Source Version Based Deployment/Undeployment:** Allows the user to deploy the connectors by selecting the source version. Provides user the flexibility of un-deploying and re-deploying in case of source application upgrade.
2. **Post Load Changes:** Post Load Changes data transformations is supported for some of the interfaces which require additional populations apart from connector execution.
3. **Batch Framework:** Batch framework screens are added for the interface where user can create and execute the batches for connectors which are in published state. Additionally, the batches are seeded for predefined data transformations.

8 Hardware/Software Tech Stack Details

The hardware/software combinations required for OFS DI 8.0.1.0.0 are available at [OTN Tech Stack](#).

9 Information of Third Party Software Tools Used

The information on Third Party software tools used in OFS DI Application Pack 8.0.1.0.0 is available in the OFSAA Licensing Information User Manual, at [OTN](#) Documentation Library.



Oracle Financial Services Data Integration Application Pack

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