

Oracle Financial Services Data Integration Application Pack

Installation Guide

Release 8.0.7.3.0

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ORACLE
Financial Services

OFS Data Integration Application Pack Installation Guide

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Document Control

Version Number	Revision Date	Change Log
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1 Preface

This document provides step-by-step instructions to install the Oracle Financial Services Data Integration (OFS DI) Application Pack 8.0.7.3.0 Maintenance Release.

This chapter discusses the following topics:

- [Audience](#)
- [Recommended Environment](#)
- [Related Documents](#)
- [Conventions Used](#)

1.1 Audience

Oracle Financial Services Data Integration (OFS DI) Applications Pack Installation Guide is intended for administrators and implementation consultants who are responsible for installing and maintaining the application pack components.

1.1.1 Prerequisites for the Audience

The document assumes that you have experience in installing Enterprise components and basic knowledge about the following is recommended.

The following are the expected preparations from the administrator before starting the actual installation:

- Oracle Financial Services Advanced Analytical Applications Infrastructure pack components
- OFSAA Architecture
- UNIX Commands
- Database Concepts
- Web Server or Web Application Server
- Oracle Data Integrator

1.2 Related Documents

For more information, see Oracle Financial Services Data Integration Application Pack 8.0.7.3.0 documents available in [OHC Documentation Library](#).

- Oracle Financial Services Data Integration Release 8.0.7.0.0 User Guide
- Oracle Financial Services Analytical Applications Infrastructure User Guide ([OHC Documentation Library](#)).
- Oracle Financial Services Analytical Applications Infrastructure Installation Guide ([OHC Documentation Library](#)).

1.3 Conventions and Acronyms

Conventions	Description
	Actions are indicated in Bold. Command or query is indicated in Courier New font.
AIX	Advanced Interactive Executive
OFSAAI	Oracle Financial Services Analytical Applications Infrastructure
OFS AAI	Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack
OFS DI	Oracle Financial Services Data Integration Application Pack
RHEL	Red Hat Enterprise Linux
IR	Minor Release
ML	Maintenance Level
Atomic Schema	Database schema where the application data model is uploaded.
Config Schema	Database schema which contains setup related configurations and metadata.

2 OFS DI Application Pack Release 8.0.7.3.0

This Maintenance Release of OFS DI Application Pack includes all enhancements and bug fixes since the OFS DI Application Pack v8.0.7 Minor release.

2.1 Pre-Installation Requirements

You should have OFS DI Application Pack v8.0.7.0.0 as the minimum patch set level.

NOTE See the [OFS Analytical Applications Technology Matrix](#), for Hardware and Software Requirements.

2.2 Installing OFS DI

Perform the following instructions to download, extract, install, and configure this ML Release.

To install this release, follow these steps

1. Log in to [My Oracle Support](#), and search for patch ID **31801551** under the **Patches and Updates** tab.
2. Download the `OFSDI_8.0.7.3.0_<OperatingSystem>.zip` archive file and copy it to your OFSAA server in Binary mode.

NOTE The archive files are different for every operating system like AIX, Solaris, and RHEL/Oracle Linux.

3. Log in to [My Oracle Support](#), search for the **33663417** Mandatory Patch in the Patches & Updates Tab and download it.

ATTENTION On the 10th of December 2021, Oracle released Security Alert CVE-2021-44228 in response to the disclosure of a new vulnerability affecting Apache Log4J prior to version 2.15. The application of the **33663417** Mandatory Patch fixes the issue.

For details, see the My Oracle Support Doc ID [2827801.1](#).

4. Shut down all the OFSAAI Services. For more information, see the *Start/Stop Infrastructure Services* section in the [Oracle Financial Services Data Integration Installation Manual Release 8.0.7](#).
5. Login to the OFSAA server with the user credentials that were used to install OFS DI.
6. Execute the following command:

```
chmod -R 750 $FIC_HOME
```
7. If you already have an unzip utility installed, skip to the next step. If you do not have an unzip utility, download the unzip utility (OS-specific), and copy it in **Binary** mode to the directory that is included in your PATH variable, typically **\$HOME** path or the directory in which you have copied the 8.0.7.3.0 ML installer.
 - Uncompress the unzip installer file using the following command:

```
uncompress unzip_<os>.z
```

NOTE If you receive an error message stating: "Uncompress: not found [No such file or directory] and the package is not installed", contact your UNIX administrator.

- Give EXECUTE permission to the file using the following command:

```
chmod 755 OFSDI_8.0.7.3.0_<OperatingSystem>.zip
```

8. Extract the contents of the OFS DI Application Pack v8.0.7.3.0 in the Download Directory installer archive file using the following command:

```
Unzip <name of the file to be unzipped>
```

NOTE Rename or remove the existing OFSAA Application Pack folder from the OFSAA server before extracting the contents from the release archive (.zip). For example: For this release when extracted from the archive creates a folder with the name OFS_DI_PACK. Rename or remove if a folder with the same name exists in the path where the release archive is copied.

9. Give EXECUTE permission to the installer file. Navigate to the path where OFSDI_8.0.7.3.0_<OperatingSystem>.zip is extracted and execute the following command:

```
chmod 750 OFSAAIUpdate.sh
```

10. Execute the following software upgrade command:

```
./OFSAAIUpdate.sh
```

Verify that the maintenance level release is applied successfully by checking the following log files generated in the installation folder:

- /OFS_DI_PACK/logs and /OFS_DI_PACK/OFS_DI/logs folder.

11. You can ignore the following errors in the log files:

- ORA-00001, ORA-00955, ORA-02260, ORA-01031, and ORA-01430 errors in the log file.

If there are other errors, contact My Oracle Support.

2.2.1 Post Installation Steps

To perform the post-installation, follow these steps:

1. Unpublish all the connectors in DIH.
2. Delete all the existing Knowledge Modules from the existing project in ODI.
3. Import the following Knowledge modules and procedure to ODI.
 - KM_IKM_Hive_Control_Append.xml
 - KM_IKM_MultiFiles_to_Oracle_SQLLDR_with_EBCDIC_Direct_Target.xml
 - KM_IKM_MultiFiles_to_Oracle_SQLLDR_Direct_Target.xml

- KM_IKM_Oracle_Extract.xml
- KM_IKM_Oracle_Insert_Only.xml
- KM_IKM_Oracle_Insert_Only_Ext_Tab_and_DB.xml
- KM_IKM_Oracle_Multi_Table_Insert_NonDirect.xml
- KM_IKM_Oracle_Multi_Table_Insert_NonDirect_Ext_Tab_and_DB.xml
- KM_IKM_Oracle_Multi_Table_Insert_SQLLDR_with_EBCDIC_Direct_Target.xml
- KM_IKM_Oracle_Multi_Table_Insert_SQLLDR_Direct_Target.xml
- KM_IKM_SQL_to_File_Append.xml
- KM_LKM_File_Hive_to_Oracle_Multi_Insert_OLH.xml
- KM_LKM_File_Hive_to_Oracle_OLH.xml
- KM_LKM_File_to_SQL.xml
- KM_LKM_Hive_to_Oracle_Big_Data_SQL.xml
- KM_LKM_Hive_to_Hive.xml
- KM_LKM_MultiFiles_to_Hive_EXTERNAL_TABLE.xml
- KM_LKM_MultiFiles_to_Oracle_Multi_Insert_EXTERNAL_TABLE.xml
- KM_LKM_MultiFiles_to_Oracle_Multi_Insert_SQLLDR.xml
- KM_LKM_MultiFiles_to_Oracle_Multi_Insert_SQLLDR_with_EBCDIC.xml
- KM_LKM_MultiFiles_to_Oracle_EXTERNAL_TABLE.xml
- KM_LKM_MultiFiles_to_Oracle_SQLLDR.xml
- KM_LKM_MultiFiles_to_Oracle_SQLLDR_with_EBCDIC.xml
- KM_LKM_Oracle_to_Oracle_Datapump_DBLINK.xml
- KM_LKM_Oracle_to_Oracle_Multi_Insert_DBLINK_No_Source_View.xml
- KM_LKM_Oracle_to_Oracle_DBLINK_No_Source_View.xml
- KM_LKM_SQL_to_Oracle.xml
- KM_LKM_SQL_to_SQL.xml
- KM_LKM_XML_to_Oracle.xml
- KM_LKM_XML_to_Oracle_Multi_Table_Insert.xml

NOTE Obtain the above XMLs from:
\$FIC_HOME/KM_Files.

- IKM File-Hive to Oracle (OLH-OSCH)
- CKM Oracle
- IKM XML Control Append

NOTE Obtain the above XMLs from:
<ODI_HOME>/odi/sdk/xml-reference.

4. After the successful installation of the ML, restart all the OFSAAI services. For more information, see the *Start or Stop Infrastructure Services* section in [Oracle Financial Services Data Integration Installation Manual Release 8.0.7](#).
5. After successful installation, perform these steps:
 - a. Clear the application cache. Navigate to the following path depending on the configured web application server and delete the files:
 - **WebLogic**
<Weblogic installation location>/domains/<Domain name>/servers/<Server name>/tmp/_WL_user/<Application name>/<auto generated folder>/jsp_servlet
 - **WebSphere**
<Websphere installation directory>/AppServer/profiles/<Profile name>/temp/<Node name>/server1/<Application name>/<.war file name>
6. Apply the **33663417** Mandatory Patch.
See the Readme that is packaged with the patch for further instructions on how to install and apply it.
7. Generate the application EAR or WAR file and redeploy the application onto your configured web application server. For more information on generating and deploying the EAR or WAR file, see the *Post Installation Configuration* section in [Oracle Financial Services Data Integration Installation Manual Release 8.0.7](#).

OFSAA Support

Raise a Service Request (SR) in [My Oracle Support \(MOS\)](#) for queries related to the OFSAA applications.

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