

Oracle Financial Services
Data Foundation Application
Pack - Java 7 and Java 8
Installation Guide

E63714-01

Version 8.0.1.0.0



DOCUMENT CONTROL

Version Number	Revision Date	Changes Done
1.0	Created: July 2015	Captured 8.0.1.0.0 Minor Release installation procedure and configuration details.
Created by: Vineeta Mishra	Reviewed by: Sapan Kanungo, Aditi Saikia	Approved by: Kiran Kumar

Executive Summary

This document includes the necessary instructions to apply 8.0.1.0.0 Minor Release for Oracle Financial Services Data Foundation (OFSDF) Application Pack and perform the required post install configurations. You can find the latest copy of this document in [OTN](#).

TABLE OF CONTENTS

PREFACE 4

- Summary4
- Audience4
 - Prerequisites for the Audience 4
- How this Guide is Organized5
- Recommended Environment5
 - Access to Oracle Support 5
- Related Documents5
- Conventions and Acronyms.....5

1 OFS DATA FOUNDATION APPLICATION PACK MINOR RELEASE 8.0.1.0.0 7

- 1.1 Pre Installation Requirements7
- 1.2 How to Apply This Minor Release?7
 - 1.2.1 Installing OFS Data Foundation Application Pack..... 7

APPENDIX A..... 11

- Frequently Asked Questions.....11

Preface

This document provides step-by-step instructions to install the Oracle Financial Services Data Foundation (OFSDF) Application Pack 8.0.1.0.0 Minor Release.

This chapter discusses the following topics:

- [Summary](#)
- [Audience](#)
- [Prerequisites for the Audience](#)
- [How this Guide is organized](#)
- [Recommended Environment](#)
- [Related Documents](#)
- [Conventions and Acronyms](#)

Summary

You can find the latest copy of this document in [OTN library](#) which includes all the recent additions/revisions (if any) done till date.

Before you begin the installation, ensure that you have access to the Oracle Support Portal with the required login credentials to quickly notify us of any issues at any stage. You can obtain the login credentials by contacting Oracle Support.

Audience

OFSDF Application Pack Installation Guide is intended for Administrators, Business User, Strategists, and Data Analyst, who are responsible for installing and maintaining the application pack components.

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 Data Foundation pack components
- OFSAA Architecture
- UNIX Commands
- Database Concepts

- Web Server/ Web Application Server

How this Guide is Organized

The OFSDF Application Pack Installation Guide includes the following topics:

- [OFSDF Application Pack Release 8.0.1.0.0](#)
- [Appendix A](#)

Recommended Environment

Infrastructure application has been tested with Microsoft Internet Explorer™ browser. For best viewing of Infrastructure pages, set the screen resolution to a minimum resolution of 1024 x 768 pixels.

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

For more information, refer the OFSDF Application Pack 8.0.1.0.0 documents available in the [OTN](#) documentation library.

- Oracle Financial Services Data Foundation User Guide Release 8.0.1.0.0
- Oracle Financial Services Analytical Applications Infrastructure User Guide ([OTN documentation library](#))
- Oracle Financial Services Analytical Applications Infrastructure Installation Guide

Conventions and Acronyms

Conventions	Description
Actions are indicated in Bold .	
Command or query is indicated in <code>Courier New font</code> .	
AIX	Advanced Interactive eXecutive
OFS AAI	Oracle Financial Services Analytical Applications Infrastructure
OFSDF	Oracle Financial Services Data Foundation
OFS_BFND_PACK	Oracle Financial Services Data Foundation Application Pack

Conventions	Description
RHEL	Red Hat Enterprise Linux
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.
GA	General Availability

1 OFS Data Foundation Application Pack Minor Release 8.0.1.0.0

This Minor Release of OFS Data Foundation Application Pack is cumulative and includes all enhancements and bug fixes done since the OFSDF Application Pack v8.0.0.0.0 release.

NOTE: The schema / domain for FSDF are referred to as BFND.

1.1 Pre Installation Requirements

- You should have OFSDF Application Pack version 8.0.0.0.0 as the minimum patch set level.
- Download the consolidated one-off patch **25777667** from [My Oracle Support](#).

NOTE: You can refer to [Technology Matrix](#), for Hardware and Software Requirements.

If OFS_BFND 8.0.1.0.0 release is being installed on an OFSAA instance where the version of platform (OFS AAI) is already upgraded to a higher release for example 8.0.1.1.0, then you need to additionally download the patch **21949795** from <https://support.oracle.com/> and follow the instructions mentioned in Readme of patch **21949795**.

1.2 How to Apply This Minor Release?

1.2.1 Installing OFS Data Foundation Application Pack

Refer to the following instructions to download, extract, install, and configure the release.

1. Login to <https://support.oracle.com/> and search for Bug# **21237316** under the *Patches & Updates* tab.
2. Download the OFSDF Application Pack v8.0.1.0.0 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 Oracle Linux.

NOTE: Modify the X_ARGS_APP variable in the `.profile` file to customize the Java memory settings for model upload based on the data model size. The recommended value for Xmx size is 10 times that of the data model size.

3. Login to the server where OFSAA is installed.
4. Shut down all the OFSAAI Services. For more information, refer to the *Start/Stop Infrastructure Services* section in Oracle Financial Services Data Foundation Installation Manual Release 8.0 Java 7 and Java 8 in [OTN](#) documentation library.
5. Execute the following command:

```
chmod -R 750 $FIC_HOME
```

6. If you have Unzip utility, skip to the next step. Download the Unzip utility (OS specific) **unzip_<os>.Z** and copy it in **Binary** mode to the directory that is included in your PATH variable, typically **\$HOME** path or directory in which you have copied the 8.0.1.0.0 installer.

- Uncompress the unzip installer file using the command:

```
uncompress unzip_<os>.Z
```

NOTE: In case you notice an error message “**uncompress: not found [No such file or directory]**” when the package is not installed, contact your UNIX administrator.

- Give EXECUTE permission to the file using the command:

```
chmod 751 OFSBFND_80100_<OperatingSystem>.zip.
```

7. Extract the contents of the 8.0.1.0.0 archive file using the command:

```
unzip_<os> -a <name of the file to be unzipped>
```

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

NOTE: The above “-a” option is mandatory to unzip the archive file. For example:

```
unzip_aix -a OFSBFND_80100_<OperatingSystem>.zip
```

8. Update the parameters in **params.conf** file present in `/OFS_BFND_PACK/OFS_BFND/conf/directory`. The update instructions are present in the file itself.

NOTE: If you have selected Released Data Model, upload should be performed during installation. In case the model upload fails due to any database issues, run the script file `OFS_BFND_Rollback.sql` manually in atomic schema before re-triggering the installation. The script file is available in the installation kit, path: `OFS_BFND_PACK/OFS_BFND/DataModel`.

9. Give EXECUTE permission to the minor release archive file. Navigate to `OFS_BFND_PACK` directory and execute the command:

```
chmod 750 OFSAIUpdate.sh
```


10. Execute **OFSAIUpdate.sh** file using the following command.

```
./OFSAIUpdate.sh
```

Verify if the release is applied successfully by checking the log file generated in the installation folder. Logs can be found in `/OFS_BFND_PACK/logs` and `/OFS_BFND_PACK/OFS_BFND/logs` folder.

You can ignore ORA-00001, ORA-00955, ORA-02260, and ORA-01430 errors in the log file. In case of any other errors, contact Oracle Support.

11. For more information on securing your OFSAA Infrastructure, refer to the Security Guide in [OTN Library](#).
12. After successful installation, perform the these steps:
 - Clear the application cache. Navigate to the following path depending on the configured web application server and delete the files.
 - **Tomcat:**

```
<Tomcat installation folder>/work/Catalina/localhost/<Application name>/org/apache/jsp
```
 - **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>
```
13. Add umask 0027 in the `.profile` of the UNIX account which manages the WEB server to ensure restricted access permissions.
14. Perform the necessary additional configuration as mentioned in [Additional Configurations](#) section.
15. Install the one-off patch **25777667**. For more details, refer the Read Me available with the patch.
16. Generate the application EAR/WAR file and redeploy the application onto your configured web application server. For more information on generating and deploying EAR / WAR file, refer to the *Post Installation Configuration* section in Oracle Financial Services Data Foundation Installation Manual Release 8.0 Java 7 and Java 8 in [OTN](#) documentation library.

17. After the successful installation of the release, restart all the OFSAAI services. For more information, refer to the *Start/Stop Infrastructure Services* section in Oracle Financial Services Data Foundation Installation Manual Release 8.0 Java 7 and Java 8 in [OTN](#) documentation library.
15. To view the new seeded Batches in Batch Maintenance Menu, change the ownership of the batches. For more information, refer to the Change ICC Batch Ownership section in Oracle Financial Services Data Foundation Installation Manual Release 8.0 Java 7 and Java 8 in [OTN](#) documentation library.

Appendix A

Frequently Asked Questions

What checks does the 8.0.1.0.0 Release patch perform?

- Environment Check- As part of environment check, it performs Java validation, Environment Variables validation, OS specific validation, DB specific validation, and it shuts down all OFSAAI Services (Infrastructure Server, ICC Server, and back-end services).
- Post Install check- As part of Post install check, it checks if OFSAAI services can be successfully started.

Which version of ERwin Data Modeler does OFSAAI support?

OFSAAI now supports ERwin version 9.2 and 9.5 generated xmls in addition to ERwin 4.1, ERwin 7.1, ERwin 7.3 and ERwin 9.0 formats.

What should I do for viewing the log files in Debug level for troubleshooting?

By default, the log level is set as INFO. You need to manually change it to Debug to view the log files in debug level. Based on your requirement, you can change the log level to Warn, Error, or Fatal as well.

1. Navigate to `$FIC_HOME/conf` in the APP layer of your OFSAAI installation.
 - Change the **priority value** to **Debug** in the `RevLog4jConfig.xml` file.

For example:

```
<root>
  <priority value ="debug" />
  <appender-ref ref="ConsoleAppender1"/>
</root>
```

- Change the value of **LOGGERLEVEL** in the `DynamicServices.xml` file from **20** to **0**. (**20** is the value for Info and **0** for Debug.)

NOTE: For multi-tier installation, you need to change the log level to Debug in the `DynamicServices.xml` and `RevLog4jConfig.xml` files, which are present in `$FIC_APP_HOME/conf`, `$FIC_DB_HOME/conf`, and `$FIC_WEB_HOME/conf` as well.

2. Navigate to `$FIC_WEB_HOME/webroot/conf` and change the **priority value** to **Debug** in the `ExportLog4jConfig.xml`, `MDBLogger.xml`, and `PR2Logger.xml` files for viewing log files in Debug level for the modules Archive/Restore, Metadata Browser and RRF respectively.

3. Generate the application EAR/WAR file and redeploy the application onto your configured web application server. For more information on generating and deploying EAR / WAR file, refer to the *Post Installation Configuration* section in Oracle Financial Services Data Foundation Installation Manual Release 8.0 Java 7 and Java 8 in [OTN](#) documentation library.
4. Restart the OFSAAI Services (APP and WEB). For more information, refer to the *Start/Stop Infrastructure Services* section in Oracle Financial Services Data Foundation Installation Manual Release 8.0 Java 7 and Java 8 in [OTN](#) documentation library.

Can I install OFSAA 8.0.0.0.0 release Application Pack on an OFSAA instance which is already upgraded to a higher version say 8.0.1.0.0?

Yes. You can install an OFSAA 8.0.0.0.0 release Application Pack on an OFSAA instance which is already upgraded to a higher version. Refer table *Installer and Installation Prerequisites* (section *Installer and Installation Prerequisites* >> *Category Others* >> *Sub-Category OFSAA*) in the Oracle Financial Services Data Foundation Installation Manual Release 8.0 Java 7 and Java 8 in [OTN](#) documentation library for more details prior to proceeding with the installation.



Oracle Financial Services Data Foundation Application Pack Java 7 and Java 8
8.0.1.0.0 Installation Guide

Oracle Corporation
World Headquarters
500 Oracle Parkway
Redwood Shores, CA 94065
U.S.A.

Worldwide Inquiries:
Phone: +1.650.506.7000
Fax: +1.650.506.7200
www.oracle.com/us/industries/financial-services/

Copyright © 2015 Oracle Financial Services Software Limited. All rights reserved.

No part of this work may be reproduced, stored in a retrieval system, adopted or transmitted in any form or by any means, electronic, mechanical, photographic, graphic, optic recording or otherwise, translated in any language or computer language, without the prior written permission of Oracle Financial Services Software Limited.

Due care has been taken to make this 8.01.0.0 Installation Guide and accompanying software package as accurate as possible. However, Oracle Financial Services Software Limited makes no representation or warranties with respect to the contents hereof and shall not be responsible for any loss or damage caused to the user by the direct or indirect use of this 8.01.0.0 Installation Guide and the accompanying Software System. Furthermore, Oracle Financial Services Software Limited reserves the right to alter, modify or otherwise change in any manner the content hereof, without obligation of Oracle Financial Services Software Limited to notify any person of such revision or changes.

All company and product names are trademarks of the respective companies with which they are associated.