

Oracle Financial Services
Asset Liability Management
Application Pack
Installation and Configuration
Guide

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 configuratio details..
2.0	Modified: April 2017	Added details of consolidated one-off patch 25777667.
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Executive Summary

This document includes the necessary instructions to apply 8.0.1.0.0 Minor Release for OFS Asset Liability Management Application Pack and perform the required post install configurations. You can find the latest copy of this document in [OHC Documentation Library](#).

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Preface

This document provides step-by-step instructions to install the OFS ALM Application Pack 8.0.1.0.0 Minor Release.

This chapter discusses the following topics:

- [Audience](#)
- [How this Guide is organized](#)
- [Recommended Environment](#)
- [Conventions Used](#)

Audience

Oracle Financial Services Asset Liability Management Pack Installation and Configuration Guide is intended for administrators, and implementation consultants 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 Asset Liability Management pack components
- OFSAA Architecture
- UNIX Commands
- Database Concepts
- Web Server/ Web Application Server

How this Guide is Organized

The Oracle Financial Services Asset Liability Management Application Pack Installation and Configuration Guide include the following topics:

- [OFSALM Release 8.0.1.0.0](#)
- [Appendix A](#)
- [Appendix B](#)

Recommended Environment

Infrastructure application has been tested with Microsoft Internet Explorer™ 9, 10, and 11. For best viewing of Infrastructure pages, set the screen resolution to a minimum resolution of 1024 x 768 pixels.

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
OFS ALM	Oracle Financial Services Asset Liability Management
OFS ALMBI	Oracle Financial Services Asset Liability Management Analytics
RHEL	Red Hat Enterprise Linux
ML	Maintenance Level
R	Third-party open source software. Open source R is governed by GNU General Public License (GPL).
Oracle R Distribution	Oracle R Distribution is Oracle's free distribution of open source R.
Oracle R Enterprise	Oracle R Enterprise integrates R, the open source scripting language and environment, with Oracle Database.
Atomic Schema	Database schema where the application data model is uploaded.
Config Schema	Database schema which contains setup related configurations and metadata.

1 OFS ALM Application Pack Minor Release 8.0.1.0.0

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

1.1 Pre Installation Requirements

You should have OFS ALM Application Pack version 8.0.0.0.0 as the minimum patch set level.

NOTE:

- You can refer to [Technology Matrix](#), for Hardware and Software Requirements. ALM 8.0.1.0.0 release qualifies on Java 7 and Java 8.
 - Download the consolidated one-off patch 25777667 from <https://support.oracle.com/>.
 - The Transfer Pricing Rule edit screen is not working in Tomcat 7.0.55 and higher versions. For directions on how to correct this issue, refer to [Appendix A](#).
 - If OFS ALM 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 8.0.2.0.0, then you need to additionally download the patch 21949795 from <https://support.oracle.com/> and follow the instructions mentioned in Readme of patch 21949795.
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1.2 Pre Installation Activities

OFS ALM Application pack v8.0.1.0.0 installer download contains only the ERwin XML file that is required for uploading the model. This file is sufficient to install the v8.0.1.0.0 Application pack. However, this XML file cannot be opened in the ERwin Data modeler tool and hence cannot be used for any data model customization. ERwin file is delivered as a patch and need to be downloaded separately. This ERwin file should be used for any customization of the data model.

To download the Data Model Erwin file, login to <https://support.oracle.com/> and search for 21672798 under the *Patches & Updates* tab.

If you have done customizations on the 8.0.1 data model and after that installing patch 8.0.1 and downloading the 8.0.1 data model, then before uploading the same, customizations will have to be applied again.

1.3 How to Apply This Minor Release?

1.3.1 Installing OFS ALM Application Pack

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

1. Login to <https://support.oracle.com/> and search for 21538965 under the *Patches & Updates* tab.
2. Download the OFS ALM 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 RHEL/Oracle Linux.

3. Login to the OFSAA Server.
4. Shut down all the OFSAI Services. For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Financial Services Asset Liability Management Application Pack Installation Guide Release 8.0.0.0.0](#).

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

```
unzip_aix -a OFSALM_80100_<OperatingSystem>.zip
```

8. Update the parameters in params.conf file present in */OFS_ALM_PACK/OFS_ALM/conf/* directory. The update instructions are present in the file itself.

9. Give EXECUTE permission to the minor release archive file. Navigate to the path *OFSALM_80100_<OperatingSystem>.zip* and execute the command:

```
chmod 750 OFSAAIUpdate.sh
```

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

```
./OFSAAIUpdate.sh
```

Verify if the release is applied successfully by checking the log file generated in the installation folder in the path <PATCH_EXTRACTED FOLDER>/OFS_ALM_PACK/OFS_ALM/logs/OFS_ALM_patch_installation.log.

11. Install the consolidated one-off patch 25777667. Refer to the Readme available with the patch for further instructions on installing the patch.
 12. For more information on securing your OFSAA Infrastructure, refer to the Security Guide in [OHC Documentation Library](#).
 13. 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>
 - Deploy RPD and webcat file(s)
 - Take a backup of deployed ALMBI.rpd and ALMBI.catalog files from the obiee environment.
 - Navigate to folder \$FIC_HOME/ALMBI/RPD_WEBCATALOG/ which contains both ALMBI.rpd and archived ALMBI.catalog files. Deploy both the files into obiee deployment area.
 - Modify connection pool and set the properties. For more information, refer to [Oracle Financial Services Asset Liability Management Application Pack Installation Guide Release 8.0.0.0.0](#) (*Modify connection pool and set the properties under section 11.2.2*). To deploy the ALMBI application, follow the OBIEE configuration steps in [Oracle Financial Services Asset Liability Management Application Pack Installation Guide Release 8.0.0.0.0](#).
 - Any customizations performed on the older rpd & webcatalog files needs to be manually carried over to the newer ones post deployment.
 - Clear obiee cache, if enabled.
 14. Add umask 0027 in the .profile of the UNIX account which manages the WEB server to ensure restricted access permissions.
-

15. 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 Asset Liability Management Application Pack Installation Guide Release 8.0.0.0.0](#).
16. After the successful installation of the release, restart all the OSFAAI services. For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Financial Services Asset Liability Management Application Pack Installation Guide Release 8.0.0.0.0](#).

Note:

- Upgrade of ALM Application Pack 8.0.1 requires the upgrade of related packs like PFT pack, IFRS pack, and PM pack to 8.0.1. If these packs are not upgraded, the applications within these packs will be disabled from the User Interface.

For Example:

VERSION	PACK ID	COMPATIBLE PACK ID
8.0.1.0.0	OFS_ALM_PACK	OFS_PFT_PACK
8.0.1.0.0	OFS_ALM_PACK	OFS_IFRS_PACK
8.0.1.0.0	OFS_ALM_PACK	OFS_PM_PACK

- If CAP Pack is installed in the same instance, then below entry needs to be removed from web.xml file located in the \$FIC_WEB_HOME/webroot/WEB-INF directory:

```
<url-pattern>/basel/AttributionAnalysis/*</url-pattern>
```

1.4 Post Installation Configuration

1.4.1 Configure excludeURLList.cfg file

Configure `excludeURLList.cfg` file, follow these steps:

1. Locate the webserver deployed area `webroot/conf/excludeURLList.cfg` file.
2. Modify the following entries:
 - `[SQLIA] ./dataIntegrator/` to `[ALL] ./dataIntegrator/`
 - `[SQLIA] ./ETLExtractionServlet` to `[ALL] ./ETLExtractionServlet`
3. Save the changes and restart the webserver.
4. Resave the definition.

Appendix A

Correcting the TP Rule UI - Edit screen (known issue)

1. Goto `$CATALINA_HOME/conf/web.xml`.
2. Look for an entry

```
<servlet>
<servlet-name>jsp</servlet-name>
<servlet-class>org.apache.jasper.servlet.JspServlet</servlet-class>
*****
</servlet>
```

Within this `<servlet>` tag, add

```
<init-param>
  <param-name>mappedfile</param-name>
  <param-value>>false</param-value>
</init-param>
```

3. After making this change, save the file and restart the Tomcat service. If these steps do not resolve the issue, please contact Oracle Support.

Appendix B

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 Asset Liability Management Application Pack Installation Guide Release 8.0.0.0.0](#).

4. Restart the OFSAAI Services (APP and WEB). For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Financial Services Asset Liability Management Application Pack Installation Guide Release 8.0.0.0.0](#).

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 Asset Liability Management Application Pack Installation Guide Release 8.0.0.0.0](#) for more details prior to proceeding with the installation.

What is the required disk space for ALM Application Pack installation?

The required free disk space for ALM installation is **Current disk space of \$FIC_HOME + Patch size.**



OFSALM

8.0.1.0.0 Installation and Configuration Guide

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