

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

Version 8.0.3.0.0



DOCUMENT CONTROL

Version Number	Revision Date	Changes Done
1.0	Created: Feb 2016	Captured 8.0.3.0.0 Minor Release installation procedure and configuration 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 8.0.3.0.0 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](#).

TABLE OF CONTENTS

PREFACE	4
Audience	4
Prerequisites for the Audience.....	4
How this Guide is Organized	4
Recommended Environment	5
Conventions and Acronyms.....	5
1 OFS ALM APPLICATION PACK MINOR RELEASE 8.0.3.0.0	6
1.1 Pre Installation Requirements	6
1.2 Pre Installation Activities	7
1.3 How to Apply This Minor Release?	7
1.3.1 Installing OFS ALM Application Pack	7
1.4 Update Constraints Utility.....	10
1.4.1 How to Execute the Utility	11
1.4.2 Troubleshooting	12
1.5 Additional Configurations	16
1.5.1 Configuration for Big Data Processing.....	16
1.5.2 Configuration for Enterprise Modeling	16
1.5.3 Configuration for Tomcat.....	16
1.5.4 Configuration for Inline Processing Engine (IPE).....	16
1.5.5 Configuration for Process Modeling Framework	16
1.5.6 Configuration for Forms Manager.....	16
APPENDIX A - INSTALLATION OF R AND ORACLE R ENTERPRISE (ORE)	17
APPENDIX B – OBIEE UPGRADE	18
Repository and Catalog upgrade steps:	18
Repository Upgrade.....	18
Catalog Upgrade	18
APPENDIX C.....	22
Frequently Asked Questions.....	22

Preface

This document provides step-by-step instructions to install the OFS ALM Application Pack 8.0.3.0.0 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.

- 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 includes the following topics:

- [OFSALM Release 8.0.3.0.0](#)
- [Additional Configurations](#)
- [Appendix A](#)
- [Appendix B](#)
- [Appendix C](#)

Recommended Environment

OFSAA applications have been tested with Microsoft Internet Explorer™ browser. For best viewing of OFSAA Application 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 8.0.3.0.0

This 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

1. You should have installed either OFS ALM Application Pack version 8.0.0.0.0 or OFS ALM Application Pack version 8.0.2.0.0 (using Full Installer).

NOTE: You can refer to [Technology Matrix](#), for Hardware and Software Requirements. ALM 8.0.3.0.0 release qualifies on Java 7 and Java 8.

NOTE: ALM pack 8.0.3.0.0 installer will take a backup of `FIC_HOME` directory before upgrading to 8.0.3 as `<FIC_HOME_BKP>` under the `Home` directory (`FIC_HOME` is the installer directory path/name set during 8.0 installation) .

2. OFS AAI Application Pack 8.0.3.0.0 installer update patch has been regularized with Bug 23251358-Object Registration is failing with duplicate Constraint Names. This has been bundled as a utility called Update Constraints utility and is executed as part of the 8.0.3.0.0 patch installation.
 - It is advised to take a backup of the atomic schema for each Information Domain in the OFSAA instance before applying the patch.
 - Execution of the utility is a memory intense process as the entire steps involved for performing a full model upload is carried out as part of the utility for each of the Infodom. The OFSAA installation server needs to have twice the allocated memory, which is assigned using parameter `X_ARGS_APPS`.
 - Utility creates three temporary tables- `REV_TAB_CONSTRAINTS_U`, `REV_TAB_REF_CONSTRAINTS_U`, and `REV_TAB_CONSTRAINT_COLUMNS_U`. If the atomic schema has any of these tables already created for a different purpose, take a backup and drop/ rename.
 - As in model upload process, for the applications that follow logical model upload like OFS_AML in BD pack, the utility does not play any role, since persistence of the model is outside the purview of the utility. Any similar cases, which involves only logical model upload should be considered and taken care by the user.

For more information about the utility execution and log files information, see [Update Constraints Utility](#) section.

3. Download the one-off patch 24412483 from <https://support.oracle.com/>.
 4. Download the one-off patch 25777667 from <https://support.oracle.com/>.
-

1.2 Pre Installation Activities

OFS ALM Application pack v8.0.3.0.0 installer download contains only the ERwin XML file that is required for uploading the model. This file is sufficient to install the v8.0.3.0.0 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 24909751 under the Patches & Updates tab.

If customization to the data model has been done in environment being upgraded, then before uploading the same, customizations need to be applied again in merged data model.

1.3 How to Apply This Minor Release?

1.3.1 Installing OFS ALM Application Pack

NOTE: Ensure that ACL feature is not set during the installation.

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

1. Login to <https://support.oracle.com/> and search for 24695027 under the *Patches & Updates* tab.
2. Download the OFS ALM Application Pack v8.0.3.0.0 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 OFSAAI 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 8.0.3.0.0 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_80300_<OperatingSystem>.zip.
```

7. Extract the contents of the 8.0.3.0.0 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_80300_<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_80300_<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`. 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. Verify the `Update.log` file located at `$FIC_HOME/utility/UpdateConstraints/logs` folder which is created by Update Constraint utility.

Execution status information of the utility is available against each Information domain. For success, “*Update successful*” message is displayed. If it is successful, verify the following references for new constraint names:

- `ftpshare/<INFODOM>/erwin/fipxml/<INFODOM>_DATABASE.xml`
 - Constraint scripts under `ftpshare/<INFODOM>/erwin/scripts/table`
 - Constraint scripts under `ftpshare/<INFODOM>/scripts`
 - Object registration tables for constraints, `REV_TAB_CONSTRAINTS`, `REV_TAB_REF_CONSTRAINTS`, `REV_TAB_CONSTRAINT_COLUMNS`.
-

- Oracle Data Dictionary in respective atomic schema for each Infodoms.

In case of errors in the `Update.log` file, identify the failed Infodoms. Then troubleshoot and execute the standalone utility for the failed Infodoms. See [How to execute the Update Constraints Utility](#) section.

12. Install the consolidated one-off patch 25777667. Refer to the Readme available with the patch for further instructions on installing the patch.
13. For more information on securing your OFSAA Infrastructure, refer to the Security Guide in [OTN Documentation Library](#).
14. 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.

15. Add umask 0027 in the `.profile` of the UNIX account which manages the WEB server to ensure restricted access permissions.
16. Post successful installation of ALM 8.0.3.0.0 Application Pack, perform the configurations as explained in [Additional Configurations](#), [Appendix A](#), [Appendix B](#), and [Appendix C](#).
17. 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](#).
18. 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 8.0.3 requires the upgrade of related packs like PFT pack, IFRS pack, and PM pack to 8.0.3. 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
8.0.3.0.0	OFS_ALM_PACK	OFS_PFT_PACK
8.0.3.0.0	OFS_ALM_PACK	OFS_IFRS_PACK
8.0.3.0.0	OFS_ALM_PACK	OFS_PM_PACK

1.4 Update Constraints Utility

This utility applies a new naming convention to constraints (PK and FK) to resolve the following issues:

- For tables with similar names which are relatively long (>27 characters) where initial few characters differ (for example, STG_COMMON_ACCOUNT_SUMMARY, FCT_COMMON_ACCOUNT_SUMMARY), the constraint names get generated as same causing an Oracle error of duplicate constraints.
- When number of foreign keys for a table is more than 100, the length of the constraint name exceeds the permissible limits allowed by Oracle Database.

The new naming convention has the following logic. A Unique ID gets generated for each data model entities. The new constraint name will be generated by appending the unique ID with 'FK' or 'PK' (along with a sequence for FK). For example PK on DIM_ACCOUNT will be formed as

PK_101, where 101 is the unique id of DIM_ACCOUNT. Similarly, FKs on FCT_ACCOUNT_SUMMARY will be FK_206_01, FK_206_02, FK_206_03, FK_206_04, where 206 is the unique id of FCT_ACCOUNT_SUMMARY and the table has 4 FKs.

This utility gets executed as part of the OFSAAI 8.0.3.0.0 patch installation. After successful installation of the OFSAAI 8.0.3.0.0 installer patch, verify the Update.log file located at \$FIC_HOME/utility/UpdateConstraints/logs folder that is created by Update Constraint utility. Else, the value of AAI_MU_UTIL_UPDATE_CONS. V_FLAG_VALUE of the Config Schema table. If its value is 'N' against an Infodom, it is identified as failure.

In case of errors, identify and troubleshoot the failed Infodoms. Once you have completed the troubleshooting, execute the standalone utility for the failed Infodoms.

1.4.1 How to Execute the Utility

Utility performs the backup of the following files under ftpshare/<INFODOM>_encon_bkp but restoration is not done.

ftpshare/<INFODOM>/erwin/fipxml/<INFODOM>_DATABASE.xml

Constraint scripts under ftpshare/<INFODOM>/erwin/scripts/table

Constraint scripts under ftpshare/<INFODOM>/scripts

To execute the utility, perform the following steps:

1. Navigate to \$FIC_HOME/utility/UpdateConstraints/bin/ folder and grant RWX (755) permissions for all executables (.sh files).
2. Execute the utility manually for each of the failed information domains.

```
$FIC_HOME/utility/UpdateConstraints/bin/execute.sh $INFODOM
```
3. If the process is successful, verify the following references for new constraint names:
 - ftpshare/<INFODOM>/erwin/fipxml/<INFODOM>_DATABASE.xml
 - Constraint scripts under ftpshare/<INFODOM>/erwin/scripts/table
 - Constraint scripts under ftpshare/<INFODOM>/scripts
 - Object registration tables for constraints, REV_TAB_CONSTRAINTS, REV_TAB_REF_CONSTRAINTS, REV_TAB_CONSTRAINT_COLUMNS.
 - Oracle Data Dictionary in respective atomic schema for each Infodoms.
4. In case of failure, refer the utility's log and identify the cause of the failure. Resolve the issues before proceeding with the re-run of the utility. For more queries, contact Oracle Support Services.

1.4.2 Troubleshooting

Utility exits with 6 different values which can be traced with the below output messages:

Note: At every stage identify the cause of the failure and resolve the issues before proceeding with the re-run of the utility:

Steps	Description	Action to be taken
1	Generate Scripts and updating DATABASE.XML	<p>Step 1: Restore the file backed up at ftpshare/<INFODOM>_encon_bkp/erwin/fipxml/<INFODOM>_DATABASE.xml to the destination ftpshare/<INFODOM>/erwin/fipxml/<INFODOM>_DATABASE.xml.</p> <p>Step 2: Restore the folders backed up at ftpshare/<INFODOM>_encon_bkp/erwin/scripts/table to the destination folder ftpshare/<INFODOM>/erwin/scripts/table.</p> <p>Step 3: Restore the folders backed up at ftpshare/<INFODOM>_encon_bkp/scripts to the destination folder ftpshare/<INFODOM>/scripts.</p> <p>Step 4: Re-run the utility.</p>

Steps	Description	Action to be taken
2	Triggering Object Registration	<p>Step 1: Restore the file backed up at ftpshare/<INFODOM>_encon_bkp/erwin/fipxml/<INFODOM>_DATABASE.ASE.xml to the destination ftpshare/<INFODOM>/erwin/fipxml/<INFODOM>_DATABASE.xml.</p> <p>Step 2: Restore the folders backed up at ftpshare/<INFODOM>_encon_bkp/erwin/scripts/table to the destination folder ftpshare/<INFODOM>/erwin/scripts/table.</p> <p>Step 3: Restore the folders backed up at ftpshare/<INFODOM>_encon_bkp/scripts to the destination folder ftpshare/<INFODOM>/scripts.</p> <ul style="list-style-type: none"> ▪ Step 4: Re-run the utility.
3	Gathering information about previous constraint names	<p>Step 1: Restore the file backed up at ftpshare/<INFODOM>_encon_bkp/erwin/fipxml/<INFODOM>_DATABASE.xml to the destination ftpshare/<INFODOM>/erwin/fipxml/<INFODOM>_DATABASE.xml.</p> <p>Step 2: Restore the folders backed up at ftpshare/<INFODOM>_encon_bkp/erwin/scripts/table to the destination folder ftpshare/<INFODOM>/erwin/scripts/table.</p> <p>Step 3: Restore the folders backed up at ftpshare/<INFODOM>_encon_bkp/scripts to the destination folder ftpshare/<INFODOM>/scripts.</p> <p>Step 4: Re-run the utility.</p>

Steps	Description	Action to be taken
4	Alter constraints	<p>Step 1: Execute the following statements to drop the back up tables in Atomic Schema:</p> <pre style="margin-left: 40px;">Drop table REV_TAB_CONSTRAINTS_U; Drop Table REV_TAB_REF_CONSTRAINTS_U ; Drop table REV_TAB_CONSTRAINT_COLUMNS_U;</pre> <p>Step 2: Restore the file backed up at ftpshare/<INFODOM>_encon_bkp/erwin/fipxml/<INFODOM>_DATABASE.ASE.xml to the destination ftpshare/<INFODOM>/erwin/fipxml/<INFODOM>_DATABASE.xml.</p> <p>Step 3: Restore the folders backed up at ftpshare/<INFODOM>_encon_bkp/erwin/scripts/table to the destination folder ftpshare/<INFODOM>/erwin/scripts/table.</p> <p>Step 4: Restore the folders backed up at ftpshare/<INFODOM>_encon_bkp/scripts to the destination folder ftpshare/<INFODOM>/scripts.</p> <p>Step 5: Modify <code>r_rename_cons.sql</code> that is available in the <code>\$FIC_HOME/utility/UpdateConstraints/Scripts/<INFODOM></code> folder by adding semicolon at the end of each line.</p> <p>Step 6: Execute the file <code>r_rename_cons.sql</code> in the Infodom Atomic Schema.</p> <p>Note: Ignore any ORA errors related to 'constraint does not exist'.</p> <p>Step 7: Re-run the utility.</p>

Steps	Description	Action to be taken
5	Clear data of previous constraints	<p>This can be considered as a successful case. However, user needs to execute the following SQL commands.</p> <p>Step 1: Execute the following statements to drop the back up tables in Atomic Schema:</p> <pre>Drop table REV_TAB_CONSTRAINTS_U; Drop Table REV_TAB_REF_CONSTRAINTS_U ; Drop table REV_TAB_CONSTRAINT_COLUMNS_U;</pre> <p>Step 2 : Execute the statement in Configuration Schema, after replacing <INFODOM> with the respective information domain:</p> <pre>UPDATE aai_mu_util_update_cons SET V_FLAG_VALUE='Y',V_UPDATE_DATE=SYSDATE where DSNID='<INFODOM>'</pre>
6	Update Successful	-

1.5 Additional Configurations

1.5.1 Configuration for Big Data Processing

You can refer the *Configurations for Big Data Processing* section in the [OFS Advanced Analytical Applications Infrastructure Application Pack Installation and Configuration Guide v8.0.2.0.0](#).

1.5.2 Configuration for Enterprise Modeling

You can refer the [Oracle Financial Services Analytical Applications Infrastructure Applications Infrastructure Administration User Guide](#) for information on configuration for Enterprise Modeling.

1.5.3 Configuration for Tomcat

You can refer the [Oracle Financial Services Analytical Applications Infrastructure Applications Infrastructure Administration User Guide](#) for information on configuration for Tomcat.

1.5.4 Configuration for Inline Processing Engine (IPE)

You can refer the [Oracle Financial Services Analytical Applications Infrastructure Applications Infrastructure Administration User Guide](#) for information on configuration for IPE.

1.5.5 Configuration for Process Modeling Framework

You can refer the [Oracle Financial Services Analytical Applications Infrastructure Applications Infrastructure Administration User Guide](#) for information on configuration for Process Modeling Framework.

1.5.6 Configuration for Forms Manager

You can refer the [Oracle Financial Services Analytical Applications Infrastructure Applications Infrastructure Administration User Guide](#) for information on configuration for Forms Manager.

Appendix A - Installation of R and Oracle R Enterprise (ORE)

This is an optional step and required only if you intend to use Term Structure Parameter Estimation functionality under Rate Management – Interest Rates, for computing term structure parameters. Both Funds Transfer Pricing and Asset Liability Management applications require term structure parameters for all monte carlo engine based calculations (OAS, VaR and EaR).

Following are the prerequisites:

- Install R and Oracle R Enterprise Server on the Oracle Database server. Refer to https://docs.oracle.com/cd/E57012_01/doc.141/e57007.pdf
- ORE version supported - Oracle R Enterprise (Server) version 1.4.1

Configuration for Oracle R Enterprise

Grant the `RQADMIN` role to atomic schema.

You can grant the `rqadmin` role in SQL*Plus by logging in to the database with DBA privileges and provide the following privilege to Atomic Schema:

```
RQADMIN by executing the command:  
GRANT RQADMIN TO < atomic_schema>;
```

Appendix B – OBIEE Upgrade

Repository and Catalog upgrade steps:

Repository Upgrade

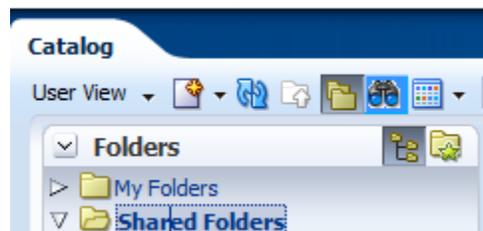
- Install OBIEE Client ver 11.1.1.9.0 onto your desktop
- Open the 11.1.1.7.1 repository in the OBIEE Administration client ver 11.1.1.9.0
- Run a consistency check (to check if any errors/warnings)
- Save the repository

The above steps will auto-update the repository to 11.1.1.9 version

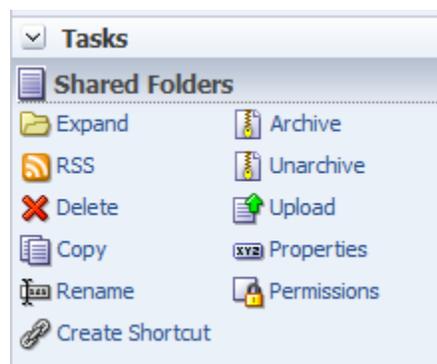
Catalog Upgrade

Unarchive the catalog folders provided as part of Code drop.

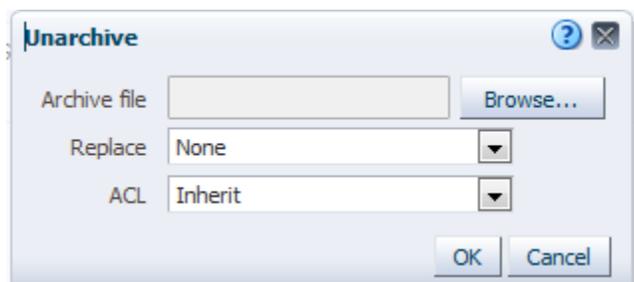
- Open the presentation services link for OBIEE setup ver 11.1.1.9.0
- Click on “Catalog” link [top right side]
- Click on “Shared Folders”, in the left side pane



- Click on “Unarchive” option provided at the bottom of same left pane



- Provide the catalog path in the pop up window. Do not change the other options[unless required. Details on options(Replace and ACL) are provided below], and click on OK.



Replace

It is used to specify if and how to replace an existing folder or object with the same name. Note the following options:

- All — Select this option to replace any existing folders or objects with the same names as folders or objects included in the archive file that you are uploading.
- Old — Select this option to replace folders or objects except those folders or objects that exist, unless they are older than the source.
- None — Select this option to add any new folders or objects, but preserve any existing folders or objects.
- Force — Select this option to add and replace all folders or objects.

ACL

It is used to specify how the folders or objects are assigned permissions using Access Control Lists (ACLs) when unarchived. Note the following options:

- Inherit — Inherits the folder or object's permissions (ACL) from its new parent folder.
- Preserve — Preserves the folder or object's permissions (ACL) as it was in the original, mapping accounts as necessary.
- Create — Preserves the folder or object's permissions (ACL) as it was in the original, creating and mapping accounts as necessary.

This will unarchive the catalog folder under “Shared Folders”/”shared” folder. Repeat the steps, incase of multiple catalog folders if needed to be copied.

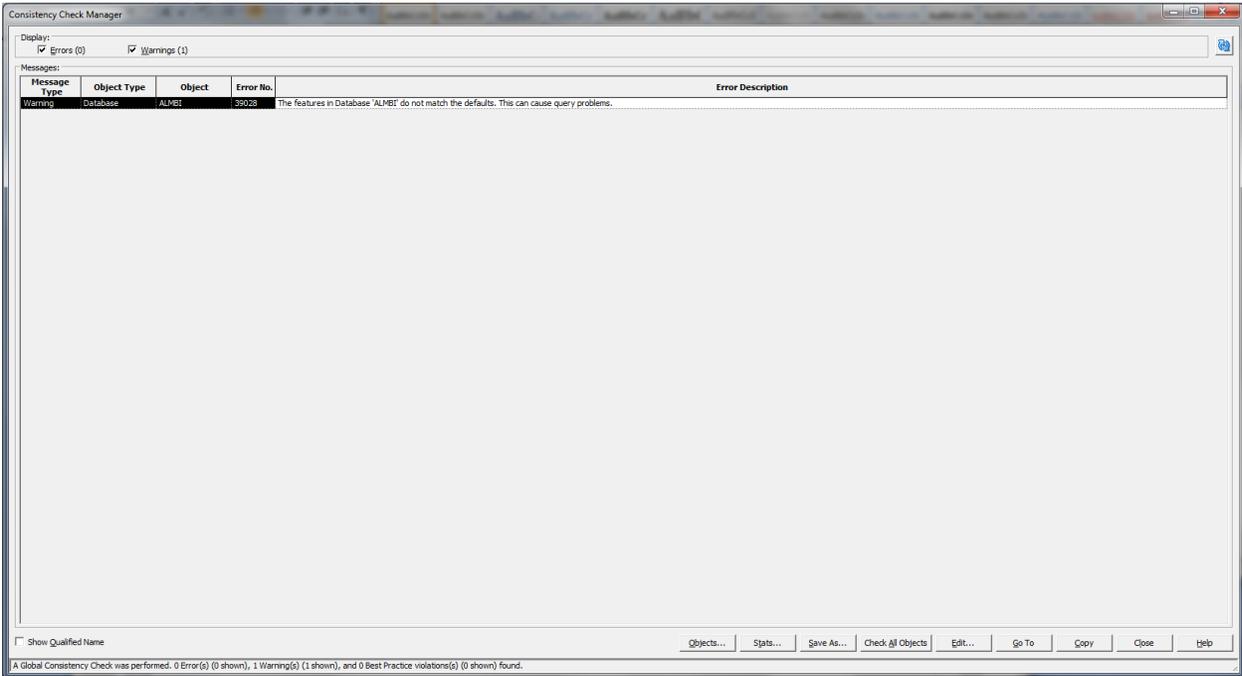
Note: All the catalog folders should be under “Shared Folders”/”shared”

- The dashboards will now be accessible in OBIEE ver 11.1.1.9

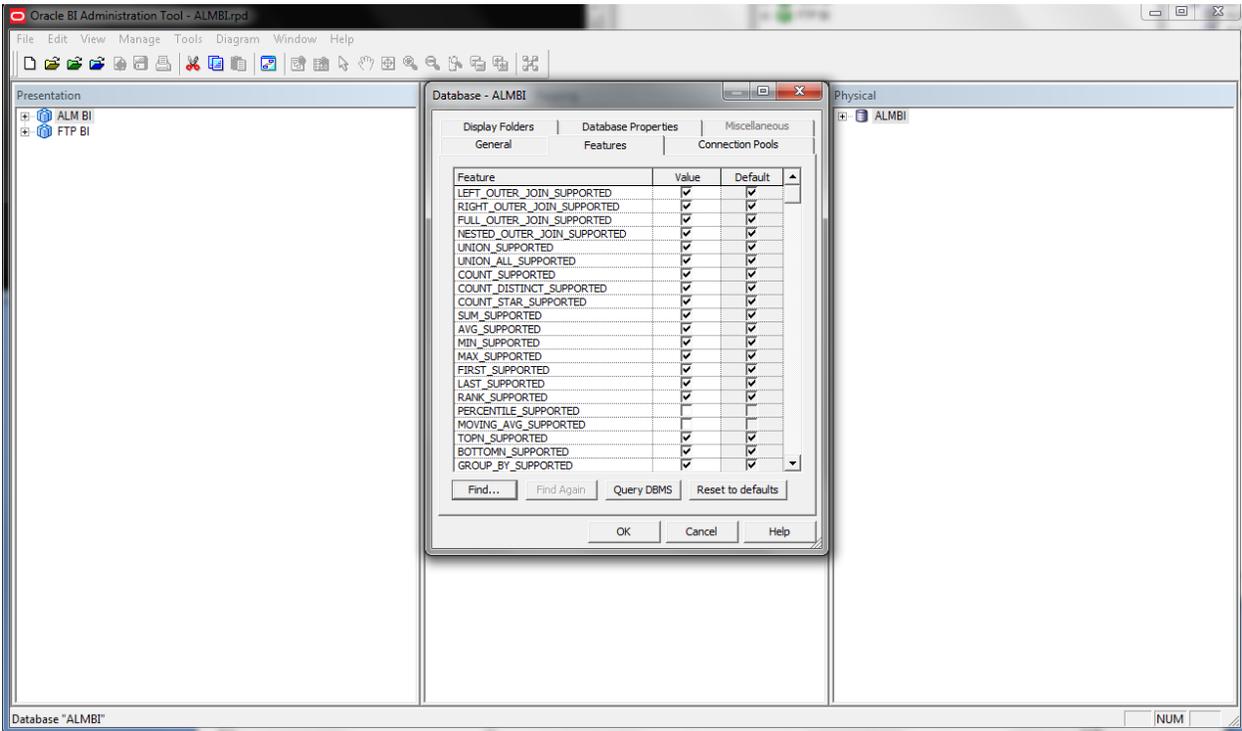
Post RPD Upgrade Steps

1. Check Global Consistency i.e. click Ctrl+k

2. Click on the below warning.

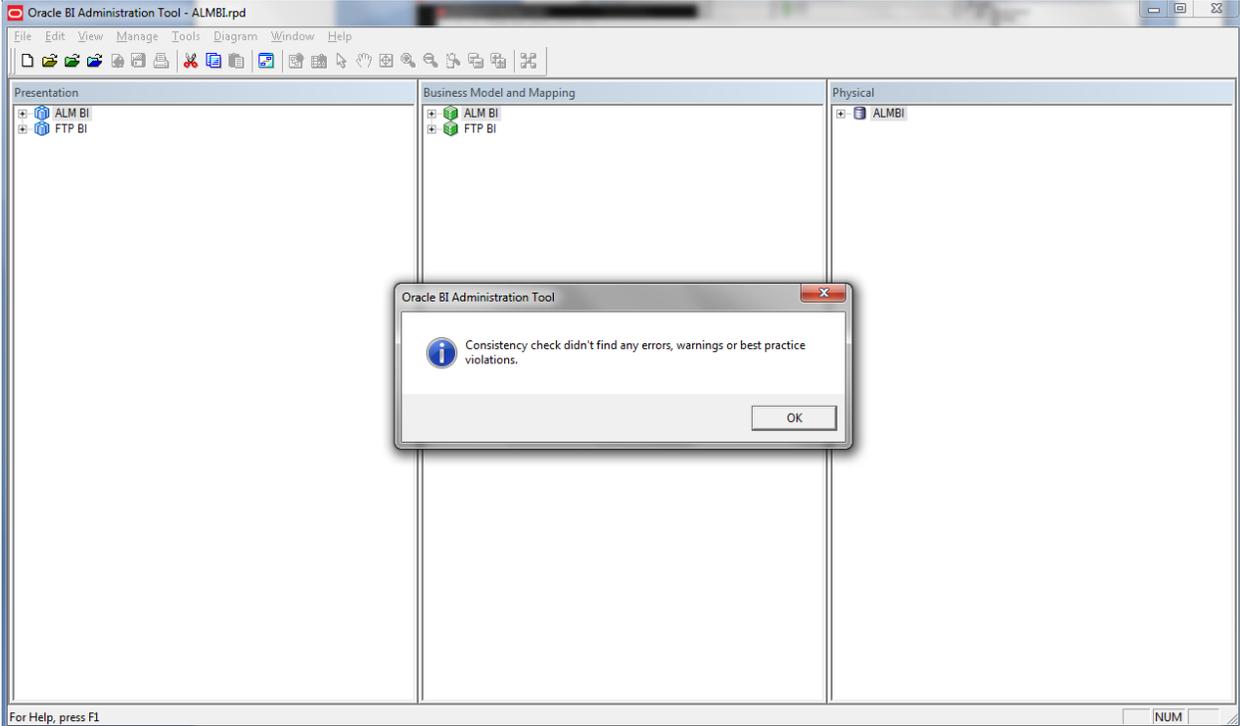


3. Click on Reset for default values and then click OK.



4. Save the RPD.

5. Check for Global Consistency. There should not be any warning.



Appendix C

Frequently Asked Questions

What checks does the 8.0.3.0.0 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 9.6 generated XMLs Model Upload process in addition to ERwin 9.5, ERwin 9.2, ERwin 4.1, ERwin 7.1, ERwin 7.3 generated XML files.

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 8.0.3.0.0?

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 8.0.3 Application Pack installation?

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



OFSALM

8.0.3.0.0 Installation and Configuration Guide

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