Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack

Installation Guide

Release 8.0.4.1.0

July 2017

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FINANCIAL SERVICES

Executive Summary

This document includes the necessary instructions to apply 8.0.4.1.0 maintenance level release for Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack and perform the required post install configurations. You can find the latest copy of this document in [OTN](OTN).

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Preface

This document provides step-by-step instructions to install the OFS Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack 8.0.4.1.0 Maintenance Level (ML) release.

This chapter discusses the following topics:

- Audience

- How this Guide is organized

- Recommended Environment

- Related Documents

- Conventions Used

Audience

Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack Installation 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.

A good understanding and knowledge of the following is expected from the administrator before starting the actual installation:

- OFSAA Architecture

- Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack Components Architecture

- Deployment of OFSAA Configuration Package on Lombard Risk AgileREPORTER Platform

- UNIX Commands

- Database Concepts and Administrator Commands

- Web Server/ Web Application Server Deployment

How this Guide is Organized

The Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack Installation Guide includes the following topics:

- [Pre-installation Requirements](#)

- [How to Apply This Maintenance Level Release?](#)

- [Post-installation Steps](#)

- [Post US FED Run Execution](#)

- [Deploying Lombard AgileREPORTER Package Configuration](#)

Recommended Browser Environment

Infrastructure application is 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.

Related Documents

This section identifies additional documents related to OFS REG REP US FED. You can access Oracle documentation online from Documentation Library ([OTN](#)).

- Oracle Financial Services REG REP US FED 8.0.4.1.0 User Guide

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 AAAI	Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack
RHEL	Red Hat Enterprise Linux
IR	Interim 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.

1 OFS REG REP US FED Pack Release 8.0.4.1.0

This Maintenance Level (ML) Release of OFS REG REP US FED – Lombard Risk Integration Pack is cumulative and includes all enhancements and bug fixes done since the OFS REG REP US FED – Lombard Integration Pack v8.0.4.0.0 release. For more information, refer the Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack Guide – Release 8.0.4.1.0 on OTN.

1.1 Pre-installation Requirements

The prerequisite software that must be installed are:

1. Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) 8.0.4.1.0 patch **25715669**

2. Oracle Financial Services Data Foundation (FSDF) patches to be applied:

   o FSDF 8.0.4.1.0 Maintenance Level patch **26285451**

   o FSDF 8.0.4.1.1 One-off patch **26263935**

3. OFS REG REP US FED 8.0.4.0.0 Interim Release patch **25710692**

4. AgileREPORTER version **1.15.4-b1112**

5. AgileREPORTER Templates version **ARforFED_v1.9.2.6.zip**

1.2 How to Apply This Maintenance Level Release?

To apply this maintenance release, follow the steps in Section 1.2.1 and Section 1.3 sequentially.

1.2.1 Installing OFS REG REP US FED 8.0.4.1.0 ML

Perform the following instructions to download, extract and install this ML patch:

1. Download the `OFS_REG_REP_USFED_8.0.4.1.0_GENERIC.zip` archive file from https://support.oracle.com/ for patch **26228650** under the *Patches & Updates* tab.

2. Copy the archive file to your OFSAA server in **Binary** mode.

3. Shut down all the OFSAA Services. For more information, refer to the *Start/Stop Infrastructure Services* section in Oracle Financial Services Advanced Analytical Applications Infrastructure Pack Installation Guide – Release 8.0.4.1.0.

   NOTE: Ensure that the **FICSERVER** is up and running.

4. Execute `chmod -R 750 $FIC_HOME`

5. If you have an Unzip utility, skip to the next step.

   Download the Unzip utility (OS specific) **`unzip_<os>.Z`** from the location
   https://updates.oracle.com/unzips/unzips.html 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
   8.0.4.1.0 ML.

   - Uncompress the unzip installer file using the command:

     `uncompress unzip_<os>.Z`

NOTE:	If you notice an error message "**uncompress: not found [No such file or directory]**", contact your UNIX administrator.

6. Execute **`chmod 751 OFS_REG_REP_USFED_8.0.4.1.0_GENERIC.zip`**

7. Execute **`unzip -a <name of the file to be unzipped>`**

   For example: **`unzip -a OFS_REG_REP_USFED_8.0.4.1.0_GENERIC.zip`**

8. Configure **`UPLOAD_MODEL`** parameter in the **`param.conf`** file present under the
   `OFS_REG_REP_USFED/conf` directory to determine if Model Upload is required or not:

   0 = If you have already performed Model Upload and want to skip Model Upload process
   1 = If you want to perform Model Upload

9. Navigate to **`OFS_REG_REP_USFED/bin`** directory and execute **`./install.sh`**

10. The installation progress can be viewed by periodically refreshing the log file under the
    `OFS_REG_REP_USFED/logs` directory.

11. After installation is completed, verify the log file for any Errors or Warnings. Contact My Oracle
    Support in case of any issues.

NOTE:	This patch installation has taken approximately 23 minutes to complete in Oracle Labs.

1.3   Post-installation Steps

Perform the following instructions after successful installation of the ML patch:

1. Generate the application EAR / WAR file and redeploy the application on the 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 Advanced Analytical
   Applications Infrastructure Pack Installation Guide – Release 8.0.4.1.0.

2. Execute A_SECURITIZED_FLAG.sql script file in Config Schema after replacing the
   `##INFODOM##` placeholder with the corresponding INFODOM name.

3. Restart all the OFSAA services. For more information, refer to the *Start/Stop Infrastructure
   Services* section in Oracle Financial Services Advanced Analytical Applications Infrastructure
   Pack Installation Guide – Release 8.0.4.1.0.

4. Except **<<INFODOM>>_USFED_FR2052A_RESAVEDEPV**, Re-save derived entities using the batches available for the respective reports.

5. Execute the following view scripts (available under **OFS_REG_REP_USFED/Post_Scripts** directory of the patch) in Atomic Schema:

    a. FR2052A_ASSET_INFLOW.sql
    b. FR2052A_DEPOSITS_OUTFLOW.sql
    c. FR2052A_FX_SUPPLEMENTAL.sql
    d. FR2052A_INFO_SUPPLEMENTAL.sql
    e. FR2052A_OTHER_INFLOW.sql
    f. FR2052A_OTHER_OUTFLOW.sql
    g. FR2052A_SECURED_INFLOW.sql
    h. FR2052A_SECURED_OUTFLOW.sql
    i. FR2052A_UNSECURED_INFLOW.sql
    j. FR2052A_WHOLESALE_OUTFLOW.sql

6. Perform Source Model generation for USFED Processing Sources. For more information, see Section 2.3.4 Generating Source Model in [Oracle Financial Services Analytical Applications Infrastructure 8.0.4.0.0 User Guide](#).

7. Execute the batch **<<INFODOM>>_USFED_FR2052A_RESAVEDEPV** after the previous SQL scripts are completed.

1.4 Post US FED Run Execution

Perform the following instructions after US FED Run Execution:

1. For prior date reporting, please see the [Prior Date Reporting](#) document.

2. Execute **##INFODOM##_USFED_RUNEXE_RESAVE** batch to populate RUNEXESUMM table. Lombard AgileREPORTER would display additional filters of Run Execution ID and Run Status during report retrieval based on RUNEXESUMM table.

    a. Run Execution ID is Run Execution Identifier concatenated with Run Description.
    b. Run Status shows the status of US FED Run Execution.
    c. Define the entities as SOLO or CONSOLIDATED in Lombard AgileREPORTER before retrieving returns.

1.5 Deploying Lombard AgileREPORTER Package Configuration

After saving the derived entities, proceed to deploy the product configuration on the Lombard AgileREPORTER using the **OFSAA_REG_REP_USFED_80410.zip** file bundled inside **Config_Package** directory (**OFS_REG_REP_USFED\Config_Package**) of the installer.

Refer to the Lombard AgileREPORTER Installation Guide v1.11 document to deploy Product Configuration on Lombard AgileREPORTER.

The OFS Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack is now ready for use. If you encounter any problems during set up, contact OFSAA Support at [My Oracle Support](#).

Appendix A

Frequently Asked Questions

What checks does the 8.0.4.1.0 Release perform?

- Environment Check: As part of the 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 the post-install check, it checks if the 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 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 must 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* directories.

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

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July 2017

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