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

Installation Guide

Release 8.0.4.0.0

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Executive Summary

This document includes the necessary instructions to apply 8.0.4.0.0 interim 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](#).

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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 8.0.4.0.0 Interim release.

This chapter discusses the following topics:

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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.

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

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

- OFSAA Architecture

- UNIX Commands

- Database Concepts

- Web Server/ Web Application Server

How this Guide is Organized

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

- OFS REG REP US FED Release 8.0.4.0.0

Recommended 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 RRS US FED. You can access Oracle documentation online from Documentation Library (OTN).

- Oracle Financial Services REG REP US FED 8.0.4.0.0 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 8.0.4.0.0

This Interim Release (IR) of OFS RRS 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 v8.0.3.0.0 release. For more information, refer the Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack Guide – Release 8.0.4.0.0 on OTN.

1.1   Pre Installation Requirements

The prerequisites are as follows:

1. You should have Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) 8.0.4.0.0

2. You should have Oracle Financial Services Data Foundation (FSDF) 8.0.4.0.0

3. You should have OFS REG REP US FED 8.0.3.0.0 full installer (Bug **24947981**).

NOTE: The OFS REG REP US FED 8.0.3.0.0 Full Installer (Bug **24947981**) is mandatory pre-requisite for this patch, irrespective of any lower version of OFS_REG_REP_USFED application already installed on the setup.

4. Agile Reporter version **1.15.2.1** must be installed.

5. AgileREPORTER Templates (**ARforFED_v1.9.0.7.zip**) must be available in AgileREPORTER.

6. OFS REG REP US FED 8.0.4.0.0 needs additional attributes in the model. Extend FSDF model with the following attribute.

    On FSDF 804, perform the following change to the OFSAA model:

Table Name	Column Name	Attribute Name	Data Type	NULL Allowed	FK on Dimension Table	Remarks
FCT_REG_ ACCOUNT_ SUMMARY	N_REG_PRIMARY _OBLITN_TYPE_ SKEY	Regulatory Primary Obligation Surrogate Key	NUMBER(5)	Yes	DIM_REG_ PRIMARY_ OBLITN_ TYPE	FR2900 Report

7. Generate XML file in ERwin and upload the model using Data Model maintenance option in OFSAA, before proceeding with the IR installation.

1.2   How to Apply This Interim Release?

1.2.1   Installing OFS RRS US FED 8.0.4.0.0 IR

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

1. Login to https://support.oracle.com/ and search for **25710692** under the *Patches & Updates* tab.

2. Download the OFS REG REP US FED v8.0.4.0.0 IR archive file and copy it 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 8.0.4.0.0.

4. Assign WRITE permission to the files/ folders such as commonscripts, EXEWebService, ficapp, ficweb, and ficdb in the $FIC_HOME folder by executing the command:

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

5. If you have 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 8.0.4.0.0 IR.

   - 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]**" when the package is not installed, contact your UNIX administrator.

6. Give EXECUTE permission to the file using the command:

   ```
   chmod 751 OFS_REG_REP_USFED_8.0.4.0.0_<OperatingSystem>.zip.
   ```

7. Extract the contents of the 8.0.4.0.0 IR 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 OFS_REG_REP_USFED_8.0.4.0.0_<OperatingSystem>.zip

8. Configure the file param.conf that is present under OFS_REG_REP_USFED/conf directory.

9. Configure the Model Upload Parameter as: 0 (that is, if you have already performed Model Upload and want to skip model upload process)
   # Specify whether you want to perform Model Upload
   # 0 = If you have already performed Model Upload and want to skip model upload process
   # 1 = If you want to perform Model Upload
   UPLOAD_MODEL=0

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

    Verify if the IR is applied successfully by checking the log files generated in the installation folder under `OFS_REG_REP_USFED/logs`

11. After successful installation of IR, perform these steps:

    a. 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>/qaelce/jsp_servlet

        ▪ **WebSphere**:
          <Websphere installation directory>/AppServer/profiles/<Profile name>/temp/<Node name>/server1/<Application name>/<.war file name>

12. If the Webserver is Tomcat, then copy the `jaxrpc.jar` file from `$FIC_HOME/axis-1_4/webapps/axis/WEB-INF/lib` to `$FIC_WEB_HOME/webroot/WEB-INF/lib.`

13. Add umask 0027 in the `.profile` of the UNIX account which manages the WEB server to ensure restricted access permissions.

14. 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 Advanced Analytical Applications Infrastructure Pack Installation Guide – Release 8.0.4.0.0](#).

15. Execute the following script file in Config Schema after replacing the placeholders, like, ##INFODOM## with corresponding INFODOM name:

    [A_SECURITIZED_FLAG.sql](#)

16. After the successful installation of the IR, 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 8.0.4.0.0](#).

17. Except **<<INFODOM>>_USFED_FRY2052A_RESAVEDEPV**, Re-save derived entities using the batches available for the respective reports.

1.3   Post-Installation Steps

The post-installation steps required for this release are:

1. 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

2. 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.

3. Execute the batch **<<INFODOM>>_USFED_FRY2052A_RESAVEDEPV** after the previous SQL scripts are executed.

1.4   Post USFED Run Execution

The post US FED run execution steps required for this release are:

1. For prior date reporting, please see the Prior Date Reporting document.

2. After US FED run execution is completed, execute the following batch:

    ##INFODOM##_USFED_RUNEXE_RESAVE

3. This batch is required to populate RUNEXESUMM table.

    Lombard portal 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 Portal before retrieving returns.

Appendix A

Frequently Asked Questions

What checks does the 8.0.4.0.0 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 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.

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