

ORACLE®

Financial Services

Regulatory Reporting Solution for US Federal Reserve – Lombard Risk Integration Pack

Release **8.0.7.3.0**

Installation Guide

December 2021



Document Versioning

Version	Date	Change Reference
03	December 23, 2021	Updated: Post-installation Steps section for Apache Log4j Issue
02	April 10, 2019	Updated: Final version published
01	April 09, 2019	Created: Draft published

Executive Summary

This document includes the necessary instructions to apply 8.0.7.3.0 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 [OHC](#) Documentation Library.

Before you begin the installation, ensure that you have an access to Oracle Support Portal with the required login credentials to quickly notify us for any specific issues. You can obtain one by contacting [My Oracle Support](#).

TABLE OF CONTENTS

DOCUMENT VERSIONING	2
Executive Summary	2
PREFACE	4
Audience	4
Prerequisites for the Audience.....	4
How this Guide is Organized?	5
Recommended Browser Environment.....	5
Documentation Accessibility	5
Access to Oracle Support.....	5
Related Documents.....	5
Conventions and Acronyms	6
OFS REG REP US FED PACK RELEASE 8.0.7.3.0	7
Pre-installation Requirements (to upgrade from OFS REG REP US FED 8.0.7.1.2).....	7
Pre-installation Requirements (to upgrade from OFS REG REP US FED 8.0.7.2.0).....	8
How to Apply This Maintenance Level Release?.....	8
Installing OFS REG REP US FED 8.0.7.3.0 ML.....	9
Post-installation Steps	10
Post US FED Run Execution	10
Deploying Config Package (to upgrade from OFS REG REP US FED 8.0.7.1.2)	11
Deploying Config Package (to upgrade from OFS REG REP US FED 8.0.7.2.0)	11

Preface

Oracle Financial Services Regulatory Reporting for US Federal Reserve (OFS REG REP USFED) enables the customers to enables the banks to comply with BCBS 239 regulations. It integrates risk data reporting systems and enhances the accuracy of reporting in banks. OFS Risk Regulatory Solution (RRS) helps in achieving the objectives by enabling preset steps based on the generalization of a set of solutions. This is made possible by:

- Providing a centralized data storage for risk data through relevant subject areas of Financial Services Data Foundation (FSDF).
- Interfacing with a Regulatory Reporting tool – Lombard AgileREPORTER to build necessary template reports to meet the regulatory expectations.
- Managing accuracy of risk reporting through Data Governance Studio (DGS).

This document provides step-by-step instructions to install the Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack (OFS REG REP USFED) Release 8.0.7.3.0.

This chapter discusses the following topics:

- [Audience](#)
- [Prerequisites for the Audience](#)
- [How this Guide is Organized?](#)
- [Documentation Accessibility](#)
- [Access to Oracle Support](#)
- [Recommended Browser Environment](#)
- [Related Documents](#)
- [Conventions and Acronyms](#)

Audience

This Manual is meant for Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack System Administrator. It provides step-by-step instructions necessary for installing the OFS REG REP USFED application 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 Config Package](#)

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.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>

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> for the hearing impaired.

Related Documents

This section identifies additional documents related to Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack. You can access Oracle documentation online from Documentation Library ([OHC](#)):

- Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack User Guide
- Oracle Financial Services Analytical Applications Infrastructure Environment Check Utility Guide (present in this [OHC](#) Documentation Library)

Conventions and Acronyms

The following conventions and acronyms are used in this document.

Conventions	Description
	References to sections or chapters in the manual are displayed in <i>Italics</i> . Screen names are displayed in the following manner: Introduction screen Options and buttons are displayed in Bold .
OFSAAI	Oracle Financial Services Analytical Applications Infrastructure
OFS AAI	Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack
RHEL	Red Hat Enterprise Linux
Atomic Schema	Database schema where the application data model is uploaded.
Config Schema	Database schema which contains setup related configurations and metadata.
OFS REG REP USFED	Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack

OFS REG REP US FED Pack Release 8.0.7.3.0

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 v8.0.7.2.0 / v8.0.7.1.2 release. For more information, refer the Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack User Guide – Release 8.0.7.0.0 on [OHC](#).

Pre-installation Requirements (to upgrade from OFS REG REP US FED 8.0.7.1.2)

The prerequisite software that must be installed for customers who are on OFS REG REP US FED 8.0.7.1.2 version are:

- Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) 8.0.7.0.0 (patch **28226275**) plus other prerequisite OFSAAI patches (see **Section 1.1 Pre-Installation Requirements** of [OFS AAI Installation Guide](#)) should be installed and configured in your Machine ([OHC](#) Documentation Library).
- Oracle Financial Services Data Foundation (OFSDf) 8.0.7.0.0 (patch **28929704**) plus other prerequisite OFSDf patches (see **Section 3.1 Installer and Installation Prerequisites** of [OFSDf Installation Guide](#)) should be installed and configured in your Machine ([OHC](#) Documentation Library).
- Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack Guide 8.0.7.0.0 (patch **28877382**).
- Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack Guide 8.0.7.1.0 (patch **29131200**).
- Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack Guide 8.0.7.1.1 (patch **29243152**).
- Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack Guide 8.0.7.1.2 (patch **29505076**).
- AgileREPORTER version **19.1.0-b100**
- AgileREPORTER Templates version **AR_FED_Package_v1_17_0_9**
- Execute the following script in the ATOMIC SCHEMA followed by Commit command:
[FSI_PRE_80730.sql](#)
- Ensure that you have executed **.profile** before you trigger the installation.
- Ensure that the FICServer is up and running before you trigger the installation. For information on restarting the services, see *Oracle Financial Services Analytical Applications Infrastructure Release 8.0.2.0.0 Installation Guide* ([OHC](#) Documentation Library) for more information.

Pre-installation Requirements (to upgrade from OFS REG REP US FED 8.0.7.2.0)

The prerequisite software that must be installed for customers who are on OFS REG REP US FED 8.0.7.2.0 version are:

- Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) 8.0.7.0.0 (patch **28226275**) plus other prerequisite OFSAAI patches (see **Section 1.1 Pre-Installation Requirements** of [OFS AAI Installation Guide](#)) should be installed and configured in your Machine ([OHC](#) Documentation Library).
- Oracle Financial Services Data Foundation (OFSDF) 8.0.7.1.0 (patch **29327317**) plus other prerequisite OFSDF patches (see **Section 3.1 Installer and Installation Prerequisites** of [OFSDF Installation Guide](#)) should be installed and configured in your Machine ([OHC](#) Documentation Library).
- Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack Guide 8.0.7.2.0 (patch **29209088**).
- AgileREPORTER version **19.1.0-b100**
- AgileREPORTER Templates version **AR_FED_Package_v1_17_0_9**
- Execute the following script in the ATOMIC SCHEMA followed by Commit command:
[FSI_PRE_80730.sql](#)
- Ensure that you have executed **.profile** before you trigger the installation.
- Ensure that the FICServer is up and running before you trigger the installation. For information on restarting the services, see *Oracle Financial Services Analytical Applications Infrastructure Release 8.0.2.0.0 Installation Guide* ([OHC](#) Documentation Library) for more information.

How to Apply This Maintenance Level Release?

To apply this maintenance release, follow the steps in [Installing OFS REG REP US FED 8.0.7.3.0 ML](#) and [Post-installation Steps](#) sequentially.

Installing OFS REG REP US FED 8.0.7.3.0 ML

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

1. Search for patch **29394392** under the *Patches & Updates* tab and download the **OFS_REG_REP_USFED_8.0.7.3.0_GENERIC.zip** archive file from <https://support.oracle.com/>
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 8.0.2.0.0](#).

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 8.0.7.3.0 ML patch.

- 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_8.0.7.3.0_GENERIC.zip**
7. Execute **unzip -a <name of the file to be unzipped>**
For example: **unzip -a OFS_REG_REP_USFED_8.0.7.3.0_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 10 minutes to complete in Oracle Labs.

Post-installation Steps

Perform the following instructions after successful installation of the 8.0.7.3.0 ML patch:

- Apply the OFS AAI **33663417** mandatory patch.

ATTENTION

On the 10th of December 2021, Oracle released Security Alert CVE-2021-44228 in response to the disclosure of a new vulnerability affecting Apache Log4J before version 2.15. The application of the **33663417** Mandatory Patch fixes the issue.

For details, see the My Oracle Support Doc ID [2827801.1](#).

Ensure that you reapply the **33663417** Mandatory Patch whenever you install or upgrade the application or apply an incremental patch.

- Refer to the log file in the `/OFS_REG_REP_USFED/logs` directory to ensure that there are no errors reported.
- 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 8.0.2.0.0](#).
- Restart all the OFSAA services. For more information, see the Start/Stop Infrastructure Services section in [Oracle Financial Services Advanced Analytical Applications Infrastructure Pack Installation Guide – Release 8.0.2.0.0](#).
- Execute `##INFODOM##_SYNC_ADJUSTMENT_CELLS` batch for adjustment entries.
- Execute Resave batches to reflect the changes.
- Perform the additional configurations if required as mentioned under the *Additional Configurations* section in [OFS AAI Release 8.0.2.0.0 Installation Guide](#).

The Oracle Financial Services 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 [Oracle Support](#).

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>>_REG_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.
3. Execute all the REFRESH batches to refresh the Derived Entities.

Deploying Config Package (to upgrade from OFS REG REP US FED 8.0.7.1.2)

This section describes the steps to deploy the config package after saving the derived entities:

1. To deploy the product configuration on Lombard AgileREPORTER using the package **OFSAA_REG_REP_USFED_80730.zip** bundled inside the **Config_Package_80712_Upgrade** folder of installer:
 - a. Navigate to **<LombardAgileREPORTER>/bin** under the installed location
 - b. Add a new configuration with the following command:

```
./config.sh -a <Config_Package Full Path>
```

For example:

```
./config.sh -a  
/scratch/kit/80730/OFS_REG_REP_USFED/Config_Package_80712_Upgrade/  
OFSAA_REG_REP_USFED_80730.zip
```

- c. Update the Alias with the following command:

```
./config.sh -ea OFSAA_REG_REP_USFED_80730 -iv 8.0.7.3.0 -alias  
"OFSAA FED DATA SOURCE" -aif  
<LombardAgileREPORTER>/bin/aliasinfo.properties
```

Deploying Config Package (to upgrade from OFS REG REP US FED 8.0.7.2.0)

This section describes the steps to deploy the config package after saving the derived entities:

1. To deploy the product configuration on Lombard AgileREPORTER using the package **OFSAA_REG_REP_USFED_80730.zip** bundled inside the **Config_Package_80720_Upgrade** folder of installer:
 - a. Navigate to **<LombardAgileREPORTER>/bin** under the installed location
 - b. Add a new configuration with the following command:


```
./config.sh -a <Config_Package Full Path>
```

For example:

```
./config.sh -a  
/scratch/kit/80730/OFS_REG_REP_USFED/Config_Package_80720_Upgrade/  
OFSAA_REG_REP_USFED_80730.zip
```

- c. Update the Alias with the following command:

```
./config.sh -ea OFSAA_REG_REP_USFED_80730 -iv 8.0.7.3.0 -alias  
"OFSAA FED DATA SOURCE" -aif  
<LombardAgileREPORTER>/bin/aliasinfo.properties
```



If you encounter any problems during deployment, contact OFSAA Support at [Oracle Support](#).



CONTACT US

For more information about Oracle Financial Services Regulatory Reporting for US Federal Reserve, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

CONNECT WITH US



Integrated Cloud Applications & Platform Services

Copyright © 2019, Oracle and/or its affiliates. All rights reserved. This document is provided for information purposes only, and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group. 0122