Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack

Installation Guide

Release 8.0.7.1.0

December 2021

ORACLE
Financial Services

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Document Control

Version Number	Revision Date	Change Log
03	December 21, 2021	Updated: Post Installation Steps section for Apache Log4j Issue.
02	Jul 05, 2019	Updated: Final version published
01	Jul 01, 2019	Created: Draft published

Executive Summary

The document consists of all the installation, Pre and Post configuration procedures which have been structured considering all the 8.0.7.1.0 features. You can find the latest copy of this document in OHC Documentation Library which includes all the recent additions/revisions (if any) done till date.

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 Oracle Support Services.

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1 Preface

Oracle Financial Services Regulatory Reporting for Reserve Bank of India (OFS_REG_REP_RBI) enables the customers to enables the banks to comply with RBI regulations. It integrates risk data reporting systems and enhances the accuracy of reporting in banks. OFS Risk Regulatory Reporting (RRR) 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.

This document provides step-by-step instructions to install the Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack (OFS_REG_REP_RBI) Release 8.0.7.1.0.

This chapter discusses the following topics:

- Audience
- Scope
- Prerequisites for the Audience
- How this Guide is organized
- Documentation Accessibility
- Access to Oracle Support
- Recommended Environment
- Related Documents
- Conventions and Acronyms

1.1 Audience

This Manual is meant for Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack System Administrator. It provides step-by-step instructions necessary for installing the OFS_REG_REP_RBI application components.

1.2 Scope

This manual provides a step-wise instruction to install Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack.

1.3 Prerequisites for the Audience

Following are the expected preparations **before** starting the actual installation:

- The document assumes you have experience in installing Enterprise components.
- Basic knowledge about the Oracle Financial Services Data Foundation Application Pack components, OFSAA Architecture, UNIX commands, Database concepts and Web Server/ Web Application Server is recommended.

1.4 How this Guide is Organized?

The Installation Manual is organized into the following chapters.

- **Pre Requisites** section identifies the hardware and base software environment that is required for a successful installation and functioning of the Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack.
- **Installing the Application** section details the steps to be followed during the installation.
- **Post installation Activities** section details the steps that are required to be performed after a successful installation of Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack.

1.5 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

1.6 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.

1.7 Related Documents

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

- Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack User Guide Release 8.0.7.1.0
- Oracle Financial Services Data Foundation Installation Manual Release 8.0.7.1.0
- Oracle Financial Services Analytical Applications Infrastructure Installation Guide Release 8.0.7.1.0

1.8 Conventions and Acronyms

The conventions and acronyms used in this document are as follows.

Conventions	Description
References to sections or chapters in the manual are displayed in *Italics*. 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 AAAI	Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack
Atomic Schema	Database schema where the application data model is uploaded

Conventions	Description
Config Schema	Database schema which contains setup related configurations and metadata
OFS_REG_REP_RBI	Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack

2 Hardware and Software Requirements and Specifications

This section describes various Operating System, Database, Web Application Server version and other variant details on which this release of the OFS Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack (OFS_REG_REP_RBI) application has qualified.

Refer to the latest Technology Matrix for Hardware and Software requirements for this release.

3 Preparing for Installation

This section provides necessary information to review before installing the OFS_REG_REP_RBI Application v8.0.7.1.0. This chapter includes the following topics:

- Obtaining the Software
- Prerequisites for Installation
- Configuration for GUI Mode Installation
- Copying and Extracting the Software

3.1 Obtaining the Software

Login to https://support.oracle.com/ and search for **29741387** under the Patches and Updates tab to download the **`OFS_REG_REP_RBI_8.0.7.1.0_GENERIC.zip`** archive file.

3.2 Prerequisites for Installation

The prerequisites required for this release is as follows:

Note: If it is an Upgrade, the minimum patch set level should be OFS_REG_REP_RBI 8.0.7.0.0.

- Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) 8.0.7.1.0 (patch **29002529**) 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).
- AgileREPORTER version **19.2.0-b287**
- AgileREPORTER RBI Template package (**AgileREPORTER_RBI_Package_v1.21.0.2**)
- Ensure that you have executed **.profile** before you trigger the installation.
- Ensure that the FIC Server is up and running before you trigger the installation. For information on restarting the services, Refer *OFS AAI Release 8.0.2.0.0 Installation Guide* (OHC Documentation Library) for more information.

3.3 Installing OFS REG REP RBI 8.0.7.1.0 ML

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

1. Search for patch **29741387** under the *Patches & Updates* tab and download the **`OFS_REG_REP_RBI_8.0.7.1.0_GENERIC.zip`** archive file from https://support.oracle.com/
2. Copy the **`OFS_REG_REP_RBI_8.0.7.0.0_GENERIC.zip`** archive file to your OFSAA server in Binary mode.

> **NOTE** You must be logged in to the UNIX operating system as a non-root user.

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 $FIC_HOME**
5. If you have an Unzip utility, skip to the next step.
   Download the unzip utility (OS specific) **unzip_<os>.Z**, and copy it in Binary mode to the directory that is included in your PATH variable, typically **$HOME** path or directory in which you have copied the 8.0.7.1.0 ML.
6. 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.

7. Execute **chmod 751 OFS_REG_REP_RBI_8.0.7.1.0_GENERIC.zip**
8. Execute **unzip -a <name of the file to be unzipped>**

   For example: **unzip -a OFS_REG_REP_RBI_8.0.7.1.0_GENERIC.zip**
9. Configure **UPLOAD_MODEL** parameter in the **param.conf** file present under the **OFS_REG_REP_RBI/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
10. Navigate to **OFS_REG_REP_RBI/bin** directory and execute **./install.sh**
11. The installation progress can be viewed by periodically refreshing the log file under the **OFS_REG_REP_RBI/logs** directory.
12. 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.

3.4 Post Installation Steps

Perform the following steps after successful installation of the 8.0.7.1.0 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 path **`/OFS_REG_REP_RBI/logs`** to ensure that there are no errors reported.
- Restart all the OFSAAI Servers. See OFS AAAI Release 8.0.2.0.0 Installation and Configuration Guide for more information.
- Generate the application EAR/WAR file and redeploy the application onto your configured web application server. For more information on generating and deploying the EAR/ WAR file, see the Post Installation Configurations section in OFS AAAI 8.0.2.0.0 Installation and Configuration Guide.
- Execute the Report-wise batches to Re-save and Refresh the Derived Entities:
- Perform the additional configurations if required as mentioned under the Additional Configurations section in OFS AAAI Release 8.0.5.0.0 Installation Guide.

The Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack is now ready for use. If you encounter any problems during set up, contact OFSAA Support at Oracle Support Services.

3.5 Seeded Data Changes

Perform the following steps to correct the duplicate entries in DIM_STANDARD_PRODUCT_TYPE seeded table.

- Execute the backup script to perform backup of existing data.
- Execute the change script to update the DIM_STANDARD_PRODUCT_TYPE seeded table.

OFSAAI Support Contact Details

- Contact Infrastructure support at https://flexsupp.oracle.com if you have installed ERM and FCCM applications.
- Raise an SR in https://support.oracle.com if you have any queries related to EPM applications.

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Oracle welcomes your comments and suggestions on the quality and usefulness of this publication. Your input is an important part of the information used for revision.

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- Is the information clearly presented?
- Do you need more information? If so, where?
- Are the examples correct? Do you need more examples?
- What features did you like most about this manual?

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