

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

Installation Guide

Release 8.0.8.0.0

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ORACLE®
Financial Services

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Document Control

Version Number	Revision Date	Change Log
05	December 21, 2021	Updated: Post-installation Steps section for Apache Log4j Issue.
04	September 9, 2020	Updated: Added information on 19c in Prerequisites for Installation
03	July 17, 2020	Updated: Prerequisites for Installation
02	September 16, 2019	Updated: Final version published
01	August 12, 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 8.0.8.0.0 features. You can find the latest copy of this document in the [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 My 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

1	Preface	5
1.1	Audience	5
1.2	Scope	5
1.3	Prerequisites for the Audience	5
1.4	How this Guide is Organized.....	6
1.5	Access to My Oracle Support.....	6
1.6	Related Documents.....	6
1.7	Conventions and Acronyms	6
2	Hardware and Software Requirements and Specifications.....	8
3	Preparing for Installation.....	8
3.1	Obtaining the Software.....	8
3.2	Prerequisites for Installation.....	8
3.2.1	<i>Oracle Database 19c Server and Client Support</i>	<i>9</i>
3.3	Installing OFS REG REP RBI 8.0.8.0.0 Release	9
3.4	Post-installation Steps.....	11
4	Other Software Required.....	11
5	Licensing Information.....	11

1 Preface

Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack (OFS REG REP RBI) enables the customers to enable the banks to comply with RBI 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 – OFS 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 8.0.8.0.0.

Topics:

- [Audience](#)
- [Scope](#)
- [Prerequisites for the Audience](#)
- [How this Guide is Organized](#)
- [Access to My Oracle Support](#)
- [Related Documents](#)
- [Conventions and Acronyms](#)

1.1 Audience

This document 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 document provides a step-wise instruction to install Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack (OFS REG REP RBI).

1.3 Prerequisites for the Audience

The following prerequisites are required 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 or web application server is recommended.

1.4 How this Guide is Organized

The Installation Manual is organized into the following chapters:

- **Prerequisites** 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.
- **Preparing for Installation** section details the steps to be followed during the installation and post-installation.
- **Deploying Package** section details the steps to deploy config after the successful installation of Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack.

1.5 Access to My 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> if you are hearing impaired.

1.6 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 [OHC](#) Documentation Library:

- OFS Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack (OFS REG REP RBI) User Guide
- OFS Data Foundation Installation Manual Release 8.0.8.0.0 Java 7 and Java 8
- OFS Analytical Applications Infrastructure Installation Manual Release 8.0.8.0.0 (present in this [OHC](#) Documentation Library)
- OFS Analytical Applications Infrastructure Environment Check Utility Guide (present in this [OHC](#) Documentation Library)

1.7 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 <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 AAAI	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.

Conventions	Description
OFS REG REP RBI	Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack (OFS REG REP RBI).

2 Hardware and Software Requirements and Specifications

This section describes the various Operating System, Database, web server, and 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.

See the [OFS Analytical Applications Technology Matrix](#) for Hardware and Software requirements for this release.

3 Preparing for Installation

This chapter provides the necessary information to review before installing the OFS REG REP RBI Application v8.0.8.0.0. This chapter includes the following topics:

- [Obtaining the Software](#)
- [Prerequisites for Installation](#)
- [Installing OFS REG REP RBI 8.0.8.0.0 Release](#)
- [Post-installation Steps](#)

3.1 Obtaining the Software

This release of OFS REG REP RBI 8.0.8.0.0 can be downloaded from [My Oracle Support](#). Log in and search for **30098596** under the Patches and Updates tab.

You must have a valid Oracle account to download the software.

3.2 Prerequisites for Installation

This installer has both upgrade and fresh install capabilities. The following are the prerequisites to install the OFS REG REP RBI application:

NOTE If it is an Upgrade, the minimum patch set level should be OFS REG REP RBI 8.0.2.0.0 (patch **24695583**).

- Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) 8.0.8.0.0 (patch **29538056**), mandatory one-off patch **29952285** plus other prerequisite OFSAAI patches (see Section **2.1 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) 8.0.8.0.0 (patch **29627211**), mandatory one-off patches **30033698** and **30056381** plus other prerequisite OFSDF patches (see Section **3.5.1.1 Installer and Installation Prerequisites** of [OFSDF Installation Guide](#)) should be installed and configured in your Machine ([OHC Documentation Library](#)).
- AgileREPORTER version **19.2.1-b291**.
- AgileREPORTER RBI Template package (**AgileREPORTER_RBI_Package_v1.22.0.2**).
- Ensure that you have executed the `.profile` file 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 the [OFS Analytical Applications Infrastructure Release 8.0.2.0.0 Installation and Configuration Guide](#) for more information.

3.2.1 Oracle Database 19c Server and Client Support

The Oracle Database 19c Server and the Client are now supported by the Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) 8.0.8.2.0 (patch **31365663**). For more information, see the [OFS Analytical Applications Infrastructure Release 8.0.8.2.0 Installation Guide](#).

NOTE To configure the Oracle Database 19c Server and Client on a new installation of OFSAA 8.0.x, see MOS Doc ID: [2691006.1](#).

To configure the Oracle Database Release 19c Server and Client on OFSAA applications 8.0.x running Oracle Database Release 12c Server and Client, see MOS ID: [2699715.1](#)

3.3 Installing OFS REG REP RBI 8.0.8.0.0 Release

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

1. Download the `OFS_REG_REP_RBI_8.0.8.0.0_GENERIC.zip` archive file from <https://support.oracle.com/> for patch **30098596** 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, see the *Stopping Infrastructure Services* section in the [OFS Advanced Analytical Applications Infrastructure Pack Installation Guide – Release 8.0.7.0.0](#).

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 8.0.8.0.0 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_RBI_8.0.8.0.0_GENERIC.zip`
7. Execute `unzip <name of the file to be unzipped>`
For example: `unzip OFS_REG_REP_RBI_8.0.8.0.0_GENERIC.zip`
8. Navigate to the `OFS_REG_REP_RBI/conf` installer directory containing the template file `Silent.template`.

9. Create a copy of the `Silent.template` file and rename the copy as `Silent.props`.
10. Edit the `Silent.props` file and specify the parameters as per the requirements.

The following table lists all the properties that must be specified.

Property Name	Description of Property	Permissible Values	Comments
LOG_MODE	Mode for logging	1 = Debug 0 = General	OPTIONAL. The default is 0.
INFODOM_NAME	Specify the name of Information Domain (Infodom) into which you wish to install	For example: FSDF808INF	MANDATORY. Specify Infodom Name Value where FSDF Application is installed.
APPFTP_LOG_PATH	Specify the Infodom App Maintenance log path	For example: /scratch/ofsaadb/ftpshare/FSDF808INF/logs	MANDATORY. Path value must be the same as the path which was given during the FSDF installation.
DBFTP_LOG_PATH	Specify the Infodom DB Maintenance log path	For example: /scratch/ofsaadb/ftpshare/FSDF808INF/logs	MANDATORY. Path value must be the same as the path which was given during the FSDF installation.
SEGMENT_1_CODE	Specify the Reserve Bank of India Segment Code	For example: RBISEG	MANDATORY
ETL_APPSRC_TYPE	Specify if you want to create a new ETL App or Src pair or use an existing one.	0 = If you want to create a new ETL Source 1 = If you want to use an existing Source	MANDATORY. The default is 0.
ETL_SRC_1_NAME	Specify the ETL Source Name where ETL Area Definitions are deployed	For example: RBIPROC	MANDATORY
ETL_SRC_1_DESC	Specify the description for the ETL Source	For example: RBIDESC	MANDATORY when ETL_APPSRC_TYPE = 0

11. Execute the user `.profile` file.
12. Navigate to the `OFS_REG_REP_RBI/bin` directory and execute the following command:
`./setup.sh SILENT`
13. The installation progress can be viewed by periodically refreshing the log file under the `OFS_REG_REP_RBI/logs` directory.
14. 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 30 minutes to complete in Oracle Labs.
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3.4 Post-installation Steps

The post-installation steps required for this release are:

1. 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.

2. See the log file in the `/OFS_REG_REP_RBI/logs` directory to ensure that there are no errors reported. Contact [My Oracle Support](#) in case of any issues.
3. Generate the application EAR or WAR file and redeploy the application on the configured Web Application Server. For more information about generating and deploying the EAR or WAR file, see the *Post Installation Configuration* section in the [OFS Advanced Analytical Applications Infrastructure Pack Installation Guide – Release 8.0.7.0.0](#).
4. Restart all the OFSAAAI services. For more information, see the *Starting Infrastructure Services* section in the [OFS Advanced Analytical Applications Infrastructure Pack Installation Guide – Release 8.0.7.0.0](#).
5. Execute the Report-wise batches to Resave and Refresh the Derived Entities.
6. Perform the additional configurations if required as mentioned under the Additional Configurations section in the [OFS Advanced Analytical Applications Infrastructure Pack Installation Guide – Release 8.0.7.0.0](#).

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 [My Oracle Support](#).

4 Other Software Required

The AgileREPORTER Portal **v19.2.1-b291** and AgileREPORTER RBI Template package (**AgileREPORTER_RBI_Package_v1.22.0.2**) are required for the OFS REG REP RBI application.

5 Licensing Information

For details on the third party software tool used, see the [OFSAA Licensing Information User Manual Release 8.0.8.0.0](#).

OFSAA Support Contact Details

Raise an SR in [My Oracle Support \(MOS\)](#) if you have any queries related to the OFSAA applications.

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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?
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