

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

Installation Guide

Release 8.0.9.0.0

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ORACLE®
Financial Services

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Document Control

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03	December 21, 2021	Updated: Post-installation Steps section for Apache Log4j Issue.
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Executive Summary

The document consists of all the installation, Pre and Post configuration procedures which have been structured considering all the 8.0.9.0.0 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 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 8.0.9.0.0.

This chapter discusses the following topics:

- [Audience](#)
- [Scope](#)
- [Prerequisites for the Audience](#)
- [How this Guide is Organized](#)
- [Documentation Accessibility](#)
- [Access to 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 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

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:

- **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 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 [OHC](#) Documentation Library:

- Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack (OFS REG REP RBI) User Guide
- Oracle Financial Services Data Foundation Installation Manual Release 8.0.9.0.0 Java 7 and Java 8
- Oracle Financial Services Analytical Applications Infrastructure Installation Manual Release 8.0.9.0.0 (present in this [OHC](#) Documentation Library)
- Oracle Financial Services Analytical Applications Infrastructure Environment Check Utility Guide (present in this [OHC](#) Documentation Library)

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

2 Hardware/ 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.

Refer to the [Technology Matrix](#) for Hardware and Software requirements for this release.

3 Preparing for Installation

This chapter provides necessary information to review before installing the OFS REG REP RBI Application v8.0.9.0.0. This chapter includes the following topics:

- [Obtaining the Software](#)
- [Prerequisites for Installation](#)
- [Installing OFS REG REP RBI 8.0.9.0.0 Release](#)
- [Post-installation Steps](#)

3.1 Obtaining the Software

This release of OFS REG REP RBI 8.0.9.0.0 can be downloaded from the Oracle Support Services site (<https://support.oracle.com/>). Log in and search for **30342582** under the Patches and Updates tab.

You need to have a valid Oracle account in order 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 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) 8.0.9.0.0 (patch **30330054**) plus other prerequisite OFSAAI patches (see Section 1.1 Pre-Installation Requirements of [OFSAAI Installation Guide](#)) should be installed and configured in your Machine (OHC Documentation Library).
- Oracle Financial Services Data Foundation (OFSDF) 8.0.9.0.0 (patch **30324968**) 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 **19.4.1-b156**.
- AgileREPORTER RBI Template package (**AgileREPORTER_RBI_Package_v1.23.0.1**).
- Ensure that you have executed `.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 *Oracle Financial Services Analytical Applications Infrastructure Release 8.0.2.0.0 Installation and Configuration Guide* ([OHC Documentation Library](#)) for more information.

3.3 Installing OFS REG REP RBI 8.0.9.0.0 Release

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

1. Download the `OFS_REG_REP_RBI_8.0.9.0.0_GENERIC.zip` archive file from <https://support.oracle.com/> for patch **30342582** 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 8.0.2.0.0](#).

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 8.0.9.0.0 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_8.0.9.0.0_GENERIC.zip`
7. Execute `unzip <name of the file to be unzipped>`
For example: `unzip OFS_REG_REP_RBI_8.0.9.0.0_GENERIC.zip`
8. Navigate to installer directory `OFS_REG_REP_RBI/conf` containing the template file `Silent.template`.
9. Create a copy of this 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. Default is 0.
INFODOM_NAME	Specify name of Information Domain (Infodom) into which you wish to install.	For example: FSDf809INF	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/FSDf809INF/logs	MANDATORY. Path value must be same as the path which was given during FSDf installation.

Property Name	Description of Property	Permissible Values	Comments
DBFTP_LOG_PATH	Specify the Infodom DB Maintenance log path	For example: /scratch/ofsaadb/ftpshare/FSDf809INF/logs	MANDATORY. Path value must be same as the path which was given during 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 new ETL App/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. 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 `OFS_REG_REP_RBI/bin` directory and execute `./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 21 minutes to complete in Oracle Labs.

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. Refer to 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 / 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](#).
4. Restart all the OFSAAI 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](#).
5. Execute the Report-wise batches to Re-save and Refresh the Derived Entities.
6. Perform the additional configurations if required as mentioned under the Additional Configurations section in [OFS AAI 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

Raise an SR in <https://support.oracle.com> if you have any queries related to EPM, ERM, and FCCM applications.

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- Do you need more information? If so, where?
- Are the examples correct? Do you need more examples?
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