

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

Installation Guide

Version 8.0.1.1.0



Introduction

This document includes the necessary instructions to apply 8.0.1.1.0 Maintenance Level release for Regulatory Reporting for Reserve Bank of India – 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 Reserve Bank of India – Lombard Risk Integration Pack 8.0.1.1.0 Maintenance Level release.

This chapter discusses the following topics:

- [Audience](#)
- [How this Guide is organized](#)
- [Recommended Environment](#)
- [Related Documents](#)
- [Conventions Used](#)

Audience

Oracle Financial Services Regulatory Reporting for Reserve Bank of India – 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 Reserve Bank of India – 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 Reserve Bank of India – Lombard Risk Integration Pack Installation Guide includes the following topics:

- OFS RRS RBI Release 8.0.1.1.0.

Recommended Environment

Infrastructure application has been 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 RBI. You can access Oracle documentation online from Documentation Library ([OTN](#)).

- Oracle Financial Services RRS RBI 8.0.1.0.0 Installation Guide

Conventions and Acronyms

Conventions	Description
Actions are indicated in Bold .	
Command or query is indicated in <code>Courier New font</code> .	
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 RRS RBI Pack Release 8.0.1.1.0

This Maintenance Level release (ML) of OFS RRS RBI – Lombard Risk Integration Pack is cumulative and includes all enhancements and bug fixes done since the OFS RRS RBI – Lombard Integration Pack v8.0.1 GA release. For more information, refer the [Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack Guide – Release 8.0.1.0.0](#).

1.1 Pre Installation Requirements

- You should have OFS RRS RBI 8.0.1.0.0 installed.
- Complete the Data Model Changes mentioned in **Bug 21777114 - DM EXTENSIONS TO SUPPORT REGULATORY REPORT (RBI)**.

1.2 How to Apply This Maintenance Level Release?

1.2.1 Installing OFS RRS RBI

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

1. Login to <https://support.oracle.com/> and search for **22286793** under the *Patches & Updates* tab.
2. Download the OFS RRS RBI v8.0.1.1.0 ML archive file and copy it to your OFSAA server in **Binary** mode.

NOTE: The archive files are different for every operating system like AIX, Solaris, and RHEL/Oracle Linux.

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 8.0.1.0.0](#).
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 8.0.1.1.0ML.

- Uncompress the unzip installer file using the command:

```
uncompress unzip_<os>.Z
```

NOTE: In case you notice an error message “**uncompress: not found [No such file or directory]**” when the package is not installed, contact your UNIX administrator.

- Give EXECUTE permission to the file using the command:

```
chmod 751 OFS_REG_REP_RBI_8.0.1.1.0_<OperatingSystem>.zip.
```

6. Extract the contents of the 8.0.1.1.0MR 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_RBI_8.0.1.1.0_<OperatingSystem>.zip
```

7. Give EXECUTE permission to the ML archive file. Navigate to the path `OFS_REG_REP_RBI_8.0.1.1.0_<OperatingSystem>.zip` and execute the command:

```
chmod 750 OFSAAIUpdate.sh
```

8. Configure the file `Param.conf` that is present under `OFS_REG_REP_RBI/conf`.
9. Navigate to `OFS_REG_REP_RBI/bin` and execute `./install.sh`

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

After successful installation of ML, perform these steps:

- 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>`

10. 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`.
 11. Add `umask 0027` in the `.profile` of the UNIX account which manages the WEB server to ensure restricted access permissions.
-

12. 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 8.0.1.0.0](#).
13. After the successful installation of the ML, 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 8.0.1.0.0](#).

1.3 Saving the Derived Entities

After the server restart is complete, save all the derived entities manually using the OFSAAI User Interface (**Unified Analytical Metadata >> Business Metadata Management >> Derived Entity**).

There are dependencies between the objects. Therefore, first save the derived entities in the following order as mentioned below.

Sl. No	Derived Entity Code	Derived Entity Description
1	DEREG901	'DE - Setup Master for Year'
2	DEREG902	'DE - Setup Master for MIS Date'
3	DEREG903	'DE - Setup Master for Quarter'
4	DEREG904	'DE - Setup Master for Last Year'
5	DEREG905	'DE - Setup Master for Last Quarter'
6	DEREG906	DE - Management Reporting YTD Movement
7	DEREG907	DE - Management Reporting QTD Movement
8	DEREG908	DE - Management Reporting Previous QTD Movement
9	DEREG909	DE - Management Reporting Previous YTD Movement
10	DEREG956	'DE - Fiscal Period Dimension'
11	DEREG989	DE - BP Reg Account Summary'
12	DEREG913	DE - Special Fortnightly Return
13	DEREG918	'DE- Asset Level A1'
14	DEREG919	'DE- Asset Level A2'

15	DEREG924	'DE- Standard Party'
16	DEREG925	'DE- Band Dimension'
17	DEREG928	'DE- Party Dimension'
18	DEREG929	'DE-Country Dimension'
19	DEREG953	DE - Alternate Friday Count
20	DEREG933	'DE - Guarantor Country Dimension'
21	DERWA010	'DE-Consolidation'
22	DERCA918	DE Sub Exp Effective Asset Class CD'
23	DERCA919	DE Sub Exp Issuer STD Party Type CD'
24	DERCA03	Non Sec Exp Basel Credit Rating DE'
25	DEREG940	'DE - Reg Account YTD Metrics'
26	DEREG941	'DE - Reg Account QTD Metrics'
27	DEREG944	'DE - Setup Master for Entity'
28	DEREG945	DE - Entity Details
29	DEREG947	'DE - Alternate Friday Summary'
30	DEREG910	DE - Management Reporting EOP Balance
31	DEREG911	DE - Reg Account Summary
32	DEREG912	DE- Basic Statistical Return
33	DEREG012	DE - STD Account Head
34	DEREG917	DE-Liquidity Reporting
35	DEREG926	DE-Account Summary
36	DEREG930	DE-LRM Summary
37	DEREG932	DE-Aggregate Cash Flow
38	DEREG934	DE-Capital Instrument Transaction Summary
39	DEREG935	DE - Management Reporting EOP for ALE
40	DEREG936	DE - Management Reporting YTD Movement Agg
41	DEREG937	DE - Management Reporting QTD Movement Agg
42	DEREG938	DE - Management Reporting Previous QTD Agg

43	DEREG939	DE - Management Reporting Previous YTD Agg
44	DEREG942	DE - Reg Account YTD Metrics Agg
45	DEREG943	DE - Reg Account QTD Metrics Agg
46	DEREG946	DE - Sundry Debtors Account
47	DEREG948	DE - SLR Securities Summary
48	DEREG949	DE - Special Fortnightly Return Agg
49	DEREG950	DE – Reg Account Summary Agg
50	DEREG952	DE – Management Reporting EOP Balance Agg
51	DEREG954	DE - RAS Fortnightly SLR Maintenance Agg
52	DEREG955	DE - FMR Fortnightly SLR Maintenance Agg
53	DERCA920	DE Credit Risk

Appendix A

Frequently Asked Questions

What checks does the 8.0.1.1.0 CA 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 it 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.
3. 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 8.0.1.0.0](#).

4. Restart the OFSAA Services (APP and WEB). For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Financial Services Advanced Analytical Applications Infrastructure Pack Installation Guide – Release 8.0.1.0.0](#).



OFS RRS RBI

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