

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

Installation Guide

Version 8.0.3.0.0



Introduction

This document includes the necessary instructions to apply 8.0.3.0.0 Interim 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 8.0.3.0.0 Interim 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 REG REP RBI Release 8.0.3.0.0.

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 REG REP RBI. You can access Oracle documentation online from Documentation Library ([OTN](#)).

- Oracle Financial Services REG REP RBI 8.0.3.0.0 User Guide

Conventions and Acronyms

The conventions followed in this document are:

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 REG REP RBI Pack Release 8.0.3.0.0

This Interim Release (IR) of OFS REG REP RBI – Lombard Risk Integration Pack is cumulative and includes all enhancements and bug fixes done since the OFS REG REP 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 8.0.3.0.0](#).

1.1 Pre Installation Requirements

The prerequisites are as follows:

- Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) 8.0.3.1.0
- Oracle Financial Services Data Foundation (FSDF) 8.0.3.1.0
- AgileREPORTER 1.14.1.1
- AgileREPORTER Template package (AgileREPORTER_RBI_Package_v1.10.0.3.zip)
- Minimum patch level set to OFS REG REP RBI 8.0.1.0.0 (Java7)

1.2 How to Apply This Interim Release?

1.2.1 Installing OFS REG REP RBI

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

1. Login to <https://support.oracle.com/> and search for **25335187** under the *Patches & Updates* tab.
2. Download the OFS REG REP RBI v8.0.3.0.0 IR archive file and copy it to your OFSAA server in **Binary** mode.
3. Shut down all the OFSAA Services except *FICServer*. For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Financial Services Advanced Analytical Applications Infrastructure Pack Installation Guide – Release 8.0.3.0.0](#).

NOTE: Ensure *FICServer* is up and running.

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 8.0.3.0.0IR.

- 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_8.0.3.0.0_<OperatingSystem>.zip.
```

6. Extract the contents of the 8.0.3.0.0IR 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_8.0.3.0.0_<OperatingSystem>.zip`

7. Give EXECUTE permission to the IR archive file. Navigate to the path `OFS_REG_REP_RBI/bin` and execute the command:

```
chmod 750 install.sh
```

8. Configure the file `Param.conf` that is present under `OFS_REG_REP_RBI/conf`.

9. Configure the Model Upload Parameter as: 0 (that is, If you have already performed Model Upload and want to skip Model Upload process)

Specify whether you want to perform Model Upload

0 = If you have already performed Model Upload and want to skip Model Upload process

1 = If you want to perform Model Upload

```
UPLOAD_MODEL=0
```

10. Navigate to `OFS_REG_REP_RBI/bin` and execute the command:

```
./install.sh
```

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

11. After successful installation of IR, 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>
```

12. Add `umask 0027` in the `.profile` of the UNIX account which manages the Web Server to ensure restricted access permissions.
13. 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 8.0.3.0.0](#).
14. After the successful installation of the IR, 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 8.0.3.0.0](#).

1.3 Saving the Derived Entities

After the server restart is complete, save all the derived entities manually using the OFSAI User Interface (**Unified Analytical Metadata >> Business Metadata Management >> Derived Entity**). Alternatively, you can run the seeded batch `<INFODOM>_REG_REP_RBI_DE_RESAVE`, which resaves the DEs automatically at the backend.

NOTE: There are dependencies between the objects. Therefore, save the derived entities in the following order, as mentioned in below table. If you are using seeded batch, then the system follows this sequence.

Sl. No	Derived Entity Code	Derived Entity Description
1	DEQCCP1	DE - Default Fund Exposures to QCCP
2	DEQCCP2	DE - QCCP Regulatory Capital Account Summary
3	DEQCCP3	DE - QCCP Exposure Amount
4	DERBI001	DE - Counterparty Borrowings Rank wise
5	DERBI002	DE - Counterparty Deposits
6	DERBI003	DE - Counterparty Deposits Rank wise
7	DERBS001	DE - Reg Account Summary RBS
8	DERBS002	DE - Assets of bank Reported in Bal Sheet
9	DERBS003	DE - Reg Capital Summary under RCA
10	DERBS003	DE - Reg Capital Summary under RCA

Sl. No	Derived Entity Code	Derived Entity Description
11	DERBS004	DE - Exposures-Standard and RTD at Hurdle rate
12	DERBS005	DE - Exposures-Standard and RTD below the Hurdle rate
13	DERBS006	DE - Exposures-Standard and RTD above the Hurdle rate
14	DERBS009	DE - Fund Base Exposures greater than equal to 1 cr
15	DERBS010	DE - Fund Base Exposures less than equal to 1 cr
16	DERBS011	DE - Non Fund Base Exposures greater than equal to 1 cr
17	DERBS012	DE - Non Fund Base Exposures less than 1 cr
18	DERBS013	DE - Market Risk Reporting
19	DERBS08	DE - Fund Exposures-Borrowers Exceeding 1 Percent-Banks Net worth
20	DERBS09	DE - Fund of Banks Net worth-End of Previous FY-Borrowerwise
21	DERBS10	DE - Fund Exposures for Rep line
22	DERBS11	DE - IFRS Account Summary
23	DERBS12	DE - IFRS Account Summary for past 90 days
24	DERBS13	DE - IFRS Account Summary Rank wise
25	DERBS14	DE - 1st2nd3rd Net Trading PV01-90 days
26	DERBS16	DE - 1 Percent of Total Fund Exposures
27	DERBS30	DE - Top Borrowers Rank wise
28	DERBS31	DE - Top 20 Borrowers
29	DERBS33	DE - Top Industries Rank wise
30	DERBS34	DE - Top 3 Industries
31	DERBS40	DE - Avg Net Interest of 4 Pre-Quarters
32	DERBS41	DE - Net Cash Flows
33	DERBS45	DE - Net Daily MTM for past 90 days
34	DERBS888	DE - Regulatory Capital Account Summary
35	DERBS995	DE - Market Info Detail for last 15 days
36	DERBS999	DE - Deposits and Borrowings
37	DERCA001	DE - RCA Credit Risk
38	DERCA003	DE - Operational Risk

Sl. No	Derived Entity Code	Derived Entity Description
39	DERCA004	DE - Market Risk Specific for AFS
40	DERCA03	DE - Non Sec Exp Basel Credit Rating
41	DERCA918	DE - Sub Exp Effective Asset Class CD
42	DERCA919	DE - Sub Exp Issuer STD Party Type CD
43	DERCA920	DE - Credit Risk
44	DEREG012	DE - STD Account Head
45	DEREG801	DE - PPI Card Details
46	DEREG802	DE - Card Info Details
47	DEREG901	DE - Setup Master for Year
48	DEREG902	DE - Setup Master for MIS Date
49	DEREG903	DE - Setup Master for Quarter
50	DEREG904	DE - Setup Master for Last Year
51	DEREG905	DE - Setup Master for Last Quarter
52	DEREG906	DE - Management Reporting YTD Movement
53	DEREG907	DE - Management Reporting QTD Movement
54	DEREG908	DE - Management Reporting Previous QTD Movement
55	DEREG909	DE - Management Reporting Previous YTD Movement
56	DEREG910	DE - Management Reporting EOP Balance
57	DEREG911	DE - Reg Account Summary
58	DEREG912	DE - Basic Statistical Return
59	DEREG913	DE - Special Fortnightly Return
60	DEREG917	DE - Liquidity Reporting
61	DEREG918	DE - Asset Level A1
62	DEREG919	DE - Asset Level A2
63	DEREG920	DE - Basel Asset Class
64	DEREG921	DE - Standard party Type
65	DEREG924	DE - Standard Party
66	DEREG925	DE - Band Dimension

Sl. No	Derived Entity Code	Derived Entity Description
67	DEREG926	DE - Account Summary
68	DEREG928	DE - Party Dimension
69	DEREG929	DE - Country Dimension
70	DEREG930	DE - LRM Summary
71	DEREG932	DE - Aggregate Cash Flow
72	DEREG933	DE - Guarantor Country Dimension
73	DEREG934	DE - Capital Instrument Transaction Summary
74	DEREG935	DE - Management Reporting EOP for ALE
75	DEREG936	DE - Management Reporting YTD Movement Agg
76	DEREG937	DE - Management Reporting QTD Movement Agg
77	DEREG938	DE - Management Reporting Previous QTD Agg
78	DEREG939	DE - Management Reporting Previous YTD Agg
79	DEREG940	DE - Reg Account YTD Metrics
80	DEREG941	DE - Reg Account QTD Metrics
81	DEREG942	DE - Reg Account YTD Metrics Agg
82	DEREG943	DE - Reg Account QTD Metrics Agg
83	DEREG944	DE - Setup Master for Entity
84	DEREG945	DE - Entity Details
85	DEREG946	DE - Sundry Debtors Account
86	DEREG947	DE - Alternate Friday Summary
87	DEREG948	DE - SLR Securities Summary
88	DEREG949	DE - Special Fortnightly Return Agg
89	DEREG950	DE - Reg Account Summary Agg
90	DEREG951	DE - IRFS Account Summary
91	DEREG952	DE - Management Reporting EOP Balance Agg
92	DEREG953	DE - Alternate Friday Count
93	DEREG954	DE - RAS Fortnightly SLR Maintenance Agg
94	DEREG955	DE - FMR Fortnightly SLR Maintenance Agg

Sl. No	Derived Entity Code	Derived Entity Description
95	DEREG956	DE - Fiscal Period Dimension
96	DEREG957	DE- RLC Exposures to Large Borrowers Individual
97	DEREG958	DE - Capital Instrument Transaction
98	DEREG959	DE - Staff Details Summary
99	DEREG960	DE - Deposits Summary
100	DEREG961	DE - Reg Account Summary Asset Quality
101	DEREG962	DE - Basel Credit Rating Dimension
102	DEREG963	DE - Term Deposit
103	DEREG964	DE - Large exposure Customerwise
104	DEREG965	DE - large Exposures Customerwise with Rank
105	DEREG966	DE - RLC Large Exposures to Banks
106	DEREG967	DE - Term Deposit and Rate Range
107	DEREG968	DE - Account Ranking
108	DEREG969	DE - Deposit Balances
109	DEREG970	DE - Depositor Ranking
110	DEREG971	DE - Top 20 Depositor
111	DEREG972	DE - Accountwise Cash Flows
112	DEREG973	DE - Term Deposit and Rate Range Agg
113	DEREG974	DE - Regulatory Capital BOY
114	DEREG975	DE - Slippage in Loan Previous Year
115	DEREG976	DE - Slippage in Loan Current Year
116	DEREG977	DE - Slippage Credit Risk Account During the Year
117	DEREG978	DE - Reg Account Summary Reclassification
118	DEREG979	DE - ALM Account Summary
119	DEREG980	DE - RBS Ratingwise SLR
120	DEREG981	DE - Issued Instrument Transaction
121	DEREG982	DE - RLC Exposures to Large Borrowers Group
122	DEREG983	DE - Terminal Information

Sl. No	Derived Entity Code	Derived Entity Description
123	DEREG984	DE - Cards Details
124	DEREG985	DE - Card Information
125	DEREG986	DE - Reg Account Details
126	DEREG987	DE - Account Write Off Details QTD
127	DEREG988	DE - Limit Details
128	DEREG989	DE - BP Reg Account Summary
129	DEREG990	DE - During the Quarter
130	DEREG991	DE - Beginning the Quarter
131	DEREG992	DE - FRAS YTD Summary
132	DEREG993	DE - RAQ Exposures to Large Borrower
133	DEREG994	DE - Investment Details
134	DEREG995	DE - Market Info Detail
135	DEREG996	DE - SLR Securities Summary 3AF
136	DEREG997	DE - Counterparty Summary
137	DEREG998	DE - Cumulative Write-offs
138	DEREG999	DE - Counterparty Borrowings
139	DERWA010	DE - Consolidation
140	DETR001	DE - Deposits Borrowings for 90 days
141	DETR002	DE - Daily Avg of Liquid Assets past 90 days
142	DETR300	DE - Max Values NOOP
143	DETR3001	DE - NPAs Movement
144	DETR3002	DE - Movement of NPA
145	DETR3003	DE - PSA
146	DETR3004	DE - Standard Assets BOA
147	DETR3005	DE - Standard Assets
148	DETR3005	DE - Standard Assets
149	DETR3006	DE - MTM Assets
150	DETR3007	DE - Le Reg Capital Summary

Sl. No	Derived Entity Code	Derived Entity Description
151	DETR301	DE - -NOOP Rank wise
152	DETR302	DE - 1st-2nd-3rd-Max values of NOOP
153	DETR303	DE - Daily average of NOOP
154	DETR304	DE - Fortnightly sum of Bulk Depositors
155	DETR305	DE - Fortnightly Average of Bulk Depositors
156	DETR306	DE - Top 20 Depositors Assets Range wise
157	DETR307	DE - Top 20 Depositors by Rank
158	DETR308	DE - Top 20 Depositors for Rank Hierarchy
159	DETR309	DE - Top 20 Depositors
160	DETR310	DE - Earnings
161	DETR311	DE - Fact Aggregate CONS CCY ALM Measures
162	DETR312	DE - Outstanding Amount for the last 90 days
163	DETR313	DE - Max Outstanding for the last 90 days
164	DETR314	DE - Reg Account BP Res Mat
165	DETR315	DE - Reg Account Summary Res Mat Band
166	DETR316	DE - Market Risk Cap Summary
167	DETR400	DE - Reg Instr Details

Appendix A

Frequently Asked Questions

What checks does the 8.0.3.0.0 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 9.6 generated XMLs in addition to ERwin v9.5, ERwin v9.2, ERwin v4.1, ERwin v7.1, and ERwin v7.3 generated XML files.

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.

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 8.0.3.0.0](#).
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 8.0.3.0.0](#).



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