

Oracle Financial Services  
Regulatory Reporting for US  
Federal Reserve – Lombard  
Risk Integration Pack

Installation Guide

Release 8.0.3.1.0

December 2016



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## **Executive Summary**

This document includes the necessary instructions to apply 8.0.3.1.0 maintenance level release for Regulatory Reporting for US Federal Reserve – 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 US Federal Reserve – Lombard Risk Integration Pack 8.0.3.1.0 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 US Federal Reserve – 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 US Federal Reserve – 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 US Federal Reserve – Lombard Risk Integration Pack Installation Guide includes the following topic:

- OFS REG REP US FED Release 8.0.3.1.0.

## Recommended Environment

Infrastructure application is 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 US FED. You can access Oracle documentation online from Documentation Library ([OTN](#)).

- Oracle Financial Services REG REP US FED 8.0.3.1.0 User Guide

## Conventions and Acronyms

Conventions	Description
Actions are indicated in <b>Bold</b> .	
Command or query is indicated in <code>Courier New font</code> .	
AIX	Advanced Interactive eXecutive
OFSAAI	Oracle Financial Services Analytical Applications Infrastructure
OFS AAI	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 US FED Pack Release 8.0.3.1.0

This Maintenance Level Release (ML) of OFS REG REP US FED – Lombard Risk Integration Pack is cumulative and includes all enhancements and bug fixes done since the OFS REG REP US FED – Lombard Integration Pack v8.0.3.0.0 release. For more information, refer the Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack Guide – Release 8.0.3.1.0 on [OTN](#).

### 1.1 Pre Installation Requirements

The prerequisites are as follows:

1. You should have Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) 8.0.3.1.0
2. You should have Oracle Financial Services Data Foundation (FSDF) 8.0.3.1.0
3. You should have OFS REG REP US FED 8.0.3.0.0 Full Installer (Bug **24947981**).

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**NOTE:** The OFS REG REP US FED 8.0.3.0.0 Full Installer (Bug **24947981**) is mandatory prerequisite for this patch, irrespective of any higher / lower version of OFS\_REG\_REP\_USFED application already installed on the setup.

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4. Execute the following command in Atomic Schema to remove duplicates entries in DIM RESULT BUCKET table:

```
DELETE FROM DIM_RESULT_BUCKET WHERE  
DIM_RESULT_BUCKET.V_BUCKET_TYPE='FRY2052A'
```

---

**NOTE:** Ensure there is no “Referential Integrity” error during the execution of above scripts.

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### 1.2 How to Apply This Maintenance Level Release?

#### 1.2.1 Installing OFS REG REP US FED

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

1. Login to <https://support.oracle.com/> and search for **25288475** under the *Patches & Updates* tab.
2. Download the OFS REG REP US FED v8.0.3.1.0 ML archive file and copy it 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 8.0.3.1.0](#).

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 8.0.3.1.0 ML.

- 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.

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6. Give EXECUTE permission to the file using the command:

```
chmod 751 OFS_REG_REP_USFED_8.0.3.1.0_<OperatingSystem>.zip.
```

7. Extract the contents of the 8.0.3.1.0 ML 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_USFED_8.0.3.1.0_<OperatingSystem>.zip`

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8. Configure the file `Param.conf` that is present under `OFS_REG_REP_USFED/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_USFED/bin` and execute `./install.sh`

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

11. 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>
12. 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`.
  13. Add `umask 0027` in the `.profile` of the UNIX account which manages the WEB server to ensure restricted access permissions.
  14. 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 8.0.3.1.0](#).
  15. 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 8.0.3.1.0](#).



## Appendix A

### Frequently Asked Questions

#### What checks does the 8.0.3.1.0 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 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.)

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**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.

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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.



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December 2016

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