

Oracle Financial Services Regulatory Reporting for US Federal Reserve - Integration Pack

Installation Guide

Release 8.1.1.1.0

December 2021

ORACLE
Financial Services

OFS Regulatory Reporting for US Federal Reserve -Integration Pack (OFS REG REP USFED) Installation Guide

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Document Control

Version Number	Revision Date	Change Log
04	December 23, 2021	Updated: Post-installation Steps section for Apache Log4j Issue
03	September 21, 2021	Updated: Post-installation Steps
02	September 09, 2021	Updated: Final version published
01	August 19, 2021	Created: Draft published

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1 Preface

Oracle Financial Services Regulatory Reporting for US Federal Reserve – Integration Pack helps the banks to comply with various guidelines issued by the US Federal Reserve, including BCBS 239 regulations. It provides integrating risk data reporting systems and enhances the accuracy of reporting in banks. OFS Risk Regulatory Reporting (REG REP) Solution helps in achieving the objectives by enabling preset steps based on the generalization of a set of solutions. This is made possible by:

- Providing Centralized Data Storage for Risk Data through relevant subject areas of the Financial Services Data Foundation (FSDF).
- Interfacing with a third-party reporting tool such as Vermeg Reporter Portal to build necessary template reports to meet the regulatory expectations.

Data accuracy of Risk Reporting is ensured by:

- Data Governance Studio (DGS).

This document provides step-by-step instructions to install the Oracle Financial Services Regulatory Reporting for US Federal Reserve – Integration Pack (OFS REG REP USFED) Release 8.1.1.1.0.

Topics:

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

1.1 Audience

This document is meant for Oracle Financial Services Regulatory Reporting for US Federal Reserve – Integration Pack System Administrator. It provides step-by-step instructions necessary for installing the OFS REG REP USFED Application components.

1.2 Scope

This document provides a stepwise instruction to install Oracle Financial Services Regulatory Reporting for US Federal Reserve – Integration Pack (OFS REG REP USFED).

1.3 Prerequisites for the Audience

The document assumes you have experience in installing Enterprise components. Basic knowledge about the Oracle Financial Services Data Foundation Application Pack components, Oracle Financial Services Regulatory Reporting for US Federal Reserve – Integration Pack Components Architecture,

Deployment of OFSAA Configuration Package on Vermeg AgileREPORTER Platform, 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 US Federal Reserve – Integration Pack.
- **Preparing for the Installation** Section details the steps to be followed during the installation and post-installation.
- **Deploying Package** Section details the steps to deploy config and template packages after the successful installation of Oracle Financial Services Regulatory Reporting for US Federal Reserve – Integration Pack.

1.5 Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For more 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 US Federal Reserve – Integration Pack. You can access Oracle Documentation online from [OHC](#) Documentation Library:

- *OFS Regulatory Reporting for US Federal Reserve – Integration Pack (OFS REG REP USFED) User Guide Release 8.1.1.0.0*
- *OFS Analytical Applications Infrastructure Installation Guide 8.1.1.0.0*
- *OFS Data Foundation Installation Manual Release 8.1.1.1.0*
- *OFS Analytical Applications Infrastructure Environment Check Utility Guide (present in this [OHC](#) Documentation Library)*

1.7 Conventions and Acronyms

The following conventions and acronyms are used in this document.

Table 1: Conventions and Descriptions

Conventions	Description
References to sections or chapters in the manual are indicated in <i>Italics</i> . Screen names are indicated in the following manner: Introduction screen Options and buttons are indicated in Bold . Code related text is indicated in Monospace.	
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 USFED	Oracle Financial Services Regulatory Reporting for US Federal Reserve – Integration Pack

2 Hardware and Software Requirements and Specifications

This section describes the various Operating System, Database, Web Server, and Web Application Server versions and other variant details on which this release of the OFS Regulatory Reporting for US Federal Reserve – Integration Pack (OFS REG REP USFED) 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 USFED Application v8.1.1.1.0.

Topics:

- [Obtaining the Software](#)
- [Prerequisites for a New Installation](#)
- [Installing OFS REG REP USFED 8.1.1.1.0 Release](#)
- [Post-installation Steps](#)
- [Post US FED Run Execution](#)

3.1 Obtaining the Software

This release of OFS REG REP US FED v8.1.1.1.0 can be downloaded from the [My Oracle Support](#) website. Log in and search for **33080763** under the Patches and Updates Tab and download the `OFS_REG_REP_USFED_8.1.1.1.0_GENERIC.zip` archive file.

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

3.2 Prerequisites for a New Installation

The following are the prerequisites to install the OFS REG REP USFED Application:

- Install and Configure Oracle Financial Services Regulatory Reporting For US Federal Reserve Integration Pack (OFS REG REP USFED) v8.1.1.1.0 (**33080763**) and other prerequisite OFSAAL Patches (see *Section 3.2 Prerequisites-installation of [OFS REG REP USFED Installation Guide](#)*) on your machine.
- Install and Configure Oracle Financial Services Data Foundation Application Pack v8.1.1.1.0 One-off Patch Release #1 (8.1.1.1.2) (**33017858**). For the OFSDF Release v8.1.1.1.2 documents and the detailed Release Notes, see the following link: [OHC Documentation Library](#).
- AgileREPORTER version **21.2.1**
- AgileREPORTER Templates version **FED_v1.26.1**
- Ensure that you have executed the .profile file before you trigger the installation.

3.3 Installing OFS REG REP USFED 8.1.1.1.0 Release

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

1. Copy the downloaded archive file to your OFSAA server in **Binary** Mode.
2. Shut down all the OFSAA Services except FICSERVER.
For more information, see the *Stop the Infrastructure Services* Section in [OFS Advanced Analytical Applications Infrastructure Pack Installation and Configuration Guide](#).

NOTE Ensure that the FICSERVER is up and running.

3. Execute `chmod -R 750 $FIC_HOME`
4. 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 8.1.1.1.0 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.

It is recommended you extract the contents (unzip) of every installer in a separate folder. Do not use one single folder to unzip contents of different releases or patches as some files could be overwritten.

5. Execute `chmod 751 <name of the patch zip file>`
For example: `chmod 751 OFS_REG_REP_USFED_8.1.1.1.0_GENERIC.zip`
6. Execute `unzip -a <name of the file to be unzipped>`
For example: `unzip -a OFS_REG_REP_USFED_8.1.1.1.0_GENERIC.zip`
7. Execute `chmod -R 755 OFS_REG_REP_USFED`
8. Execute `chmod -R 755 appsLibConfig`
9. Configure the `UPLOAD_MODEL` parameter in the `params.conf` file present under the `appsLibConfig/conf/params.conf` directory to determine if Model Upload is required or not using the following parameter values:
0 = If you have already performed Model Upload and want to skip the Model Upload Process
1 = If you want to perform Model Upload
10. Navigate to the `OFS_REG_REP_USFED/bin` directory and execute `./install.sh`
11. The installation progress can be viewed by periodically refreshing the log file in the `OFS_REG_REP_USFED/logs` directory.

12. 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 10 minutes to complete in Oracle Labs.

3.4 Post-installation Steps

The post-installation steps required for this release are as follows:

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_USFED/logs` directory to ensure that there are no errors reported. Contact [My Oracle Support](#) in case of any issues.
3. Execute the [USFED 81110 Atomic PostScripts.sql](#) in the Atomic Schema.
4. Execute the [USFED 81110 Config PostScripts.sql](#) in the Config Schema after replacing the following placeholders:
 - ##COMMON## - Replace with SEGMENT Code of OFS REG REP USFED Application
 - ##INFODOM## - Replace with INFODOM Code of OFS REG REP USFED Application
5. Generate the application EAR or WAR file and redeploy the application on the configured Web Application Server.
For more information on generating and deploying the EAR or WAR file, see the *Post Installation Steps* Section in the [OFS Advanced Analytical Applications Infrastructure Pack Installation and Configuration Guide](#).
6. Restart all the OFSAA Services.
For more information, see the *Start the Infrastructure Services* Section in the [OFS Advanced Analytical Applications Infrastructure Pack Installation and Configuration Guide](#).
7. Perform the Source Model generation for US FED Processing Source.
For more information, see the *Generating Source Models* Section in the [OFS Advanced Analytical Applications Infrastructure Pack User Guide – Release 8.1.1.0.0](#).

The Oracle Financial Services Regulatory Reporting for US Federal Reserve – Integration Pack (OFS REG REP US FED) is now ready for use. If you encounter any problems during the setup, contact OFSAA Support at [My Oracle Support](#).

3.5 Post US FED Run Execution

After the US FED Run Execution, follow these steps:

1. For Prior Date Reporting, see the [Prior Date Reporting](#) Document.
2. Execute the <<INFODOM>>_REG_RUNEXE_RESAVE batch to populate the **RUNEXESUMM** Table if you are not using the FFIEC-002 or FFIEC-002S Reports.

If you are using the FFIEC-002 or FFIEC-002S Reports, then execute the
<Installer Path>/OFS_REG_REP_USFED/Post_Scripts/RUNEXESUMM_VW.sql file in
Atomic Schema.

Lombard AgileREPORTER would display additional filters of Run Execution ID and Run Status during report retrieval based on the RUNEXESUMM Table:

- a. Run Execution ID is the Run Execution Identifier concatenated with Run Description.
- b. Run Status shows the status of US FED Run Execution.
- c. Define the entities as SOLO or CONSOLIDATED in Lombard AgileREPORTER before retrieving returns.

For more information on Derived Entity Resave, see the [MOS](#).

4 Deploying Config Package

This section describes the steps to deploy the config package after saving the derived entities:

1. To deploy the product configuration on AgileREPORTER using the package OFSAA_REG_REP_USFED_81110.zip bundled inside the Config_Package folder of the installer:
 - a. Navigate to the <LombardAgileREPORTER>/bin directory under the installed location.
 - b. Add a new configuration with the following command:


```
./config.sh -a <Config_Package Full Path>
```

For example:

```
./config.sh -a /scratch/kit/811/OFS_REG_REP_USFED/Config_Package/OFSAA_REG_REP_USFED_81110.zip
```
2. Update the Alias with the following command:


```
./config.sh -ea OFSAA_REG_REP_USFED_81110 -iv 8.1.1.1.0 -alias "OFSAA FED DATA SOURCE" -aif scratch/agile/bin/aliasinfo.properties
```

If you encounter any problems during deployment, contact [My Oracle Support](#).

OFSAA Support

Raise a Service Request (SR) in [My Oracle Support \(MOS\)](#) for queries related to the OFSAA Applications.

Send Us Your Comments

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- Did you find any errors?
- 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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Before sending us your comments, you might like to ensure that you have the latest version of the document wherein any of your concerns have already been addressed. You can access the My Oracle Support site that has all the revised/recently released documents.

