

**Oracle Financial Services Regulatory
Reporting for US Federal Reserve -
(OFS AGILE RP US FED)**

Installation Guide

Release 8.1.1.1.0

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ORACLE
Financial Services

OFS Regulatory Reporting for US Federal Reserve (OFS AGILE RP US FED) Installation Guide

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1 Preface

In today's turbulent markets, financial institutions require a better understanding of their risk-return, while strengthening competitive advantage and enhancing long-term customer value. Oracle Financial Services Analytical Applications (OFSAA) enable financial institutions to measure and meet risk-adjusted performance objectives, cultivate a risk management culture through transparency, lower the costs of compliance and regulation, and improve insight into customer behavior.

OFSAA uses industry-leading analytical methods, shared data model, and applications architecture to enable integrated risk management, performance management, customer insight, and compliance management. OFSAA actively incorporates risk into decision-making, enables achieving a consistent view of performance, promotes a transparent risk management culture, and provides pervasive intelligence.

Oracle Financial Services Analytical Applications delivers a comprehensive, integrated suite of financial services analytical applications for both banking and insurance domains.

Topics:

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

1.1 Audience

This document is intended for users of Oracle Financial Services Regulatory Reporting for US Federal Reserve (OFS AGILE RP US FED).

1.2 Scope

This document provides a stepwise instruction to install Oracle Financial Services Regulatory Reporting for US Federal Reserve (OFS AGILE RP US FED).

1.3 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.
- **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 the US Federal Reserve.

1.4 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.

1.5 Related Documents

This section identifies additional documents related to OFS AGILE RP US FED Application 8.1.1.1.0. You can access Oracle documentation online from the Documentation Library ([OHC](#)).

- *OFS Regulatory Reporting for US Federal Reserve (OFS AGILE RP USFED) User Guide Release 8.1.1.1.0*
- *OFS Data Foundation Installation Manual Release 8.1.1.1.0*
- *OFS Data Foundation Installation Manual Release 8.1.1.1.0*
- *OFS AgileREPORTER Installation Manual Release 8.0.9.6.4*
- *OFS Analytical Applications Infrastructure Environment Check Utility Guide (present in this OHC Documentation Library)*
- *OFS Analytical Applications Infrastructure Installation Guide 8.1.1.1.0*
- *OFS Analytical Applications Technology Matrix*

1.6 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 |

| Conventions | Description |
|--------------------|--|
| Atomic Schema | Database schema where the application data model is uploaded |
| Config Schema | Database schema which contains setup related configurations and metadata |
| OFS AGILE RP USFED | Oracle Financial Services Regulatory Reporting for US Federal Reserve |

2 Hardware and Software Requirements and Specifications

The hardware or software combinations required for OFS AGILE RP US FED 8.1.1.1.0 are available at the [OFS Analytical Applications Technology Matrix](#).

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 AGILE RP USFED 8.1.1.1.0 Release](#)
- [Post-installation Steps](#)
- [Post US FED Run Execution](#)
- [Deploying Template Package](#)
- [Deploying Config Package](#)

3.1 Obtaining the Software

This release of OFS AGILE RP US FED v8.1.1.1.0 can be downloaded from the My Oracle Support website. Log in and search for **33080764** under the Patches and Updates Tab and download the OFS_AGILE_RP_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 AGILE RP USFED Application:

- Install and Configure Oracle Financial Services Regulatory Reporting for US Federal Reserve (OFS AGILE RP US FED) v8.1.1.0.0 (patch **32489655**) and other prerequisite OFSAI Patches (see *Section 2.2 Prerequisites-installation* of ([OFS AGILE RP US FED](#)) [Installation Guide](#)) on your machine.
- Install and Configure Oracle Financial Services Data Foundation Application Pack v8.1.1.1.0 One-off Patch Release #2 (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](#).
- Install and configure Oracle Financial Services AgileREPORTER Application 8.0.9.6.4 (Patch ID 33295606).
- Ensure that you have executed the .profile file before you trigger the installation.

- Ensure that the FICServer is up and running before you trigger the installation. For detailed information on restarting the services, see the OFS Analytical Applications Infrastructure Installation and Configuration Guide Release 8.0.7.0.0.

3.3 Installing OFS AGILE RP 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.
For more information, see the *Stop the Infrastructure Services* Section in [OFS Advanced Analytical Applications Infrastructure Pack Installation and Configuration Guide](#).

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 OFS_AGILE_RP_USFED_8.1.1.1.0_GENERIC.zip`
6. Execute `unzip -a <name of the file to be unzipped>`
For example: `unzip -a OFS_AGILE_RP_USFED_8.1.1.1.0_GENERIC.zip`
7. Configure the `UPLOAD_MODEL` parameter in the `param.conf` file present under the `OFS_AGILE_RP_USFED/appsLibConfig/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
8. Navigate to the `OFS_AGILE_RP_USFED/bin` directory and execute `./setup.sh SILENT`
9. The installation progress can be viewed by periodically refreshing the log file in the `OFS_AGILE_RP_USFED/logs` directory.
10. 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_AGILE RP USFED/logs` directory to ensure that there are no errors reported. Contact [My Oracle Support](#) in case of any issues.
3. Execute the [AGILE RP USFED 81110 Atomic PostScripts.sql](#) in the Atomic Schema.
4. Execute the [AGILE RP USFED 81110 Config PostScripts.sql](#) in the Config Schema after replacing the following placeholders:
 - ##COMMON## - Replace with SEGMENT Code of OFS AGILE RP USFED Application
 - ##INFODOM## - Replace with INFODOM Code of OFS AGILE RP 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 (OFS_AGILE_RP_USFED) 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.

OFS 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 OFS AgileREPORTER before retrieving returns.
 For more information on Derived Entity Resave, see the [MOS](#).

3.6 Deploying Template Package

After saving the derived entities, follow these steps to deploy the Template Package:

1. To deploy the product configuration on OFS AgileREPORTER using the package OFSAA_AR_TEMPLATE_USFED_81110.zip bundled inside the Template_Package directory of the installer:
 - a. Navigate to the /Template_Package directory inside the installer.
 - b. Unzip the files with the following command:

```
unzip OFS_RP_TEMPLATE_USFED_81110.zip
```

The FED_v1.26.1-b15_sign.lrm file is extracted with the above command.

- c. Navigate to the path where AgileREPORTER is installed and then go to the /bin directory.
- d. Add a new configuration with the following command:

```
./config.sh -p -a <Template_Package Full Path>/<.lrm file>
```

For example:

```
./config.sh -p -a <Template_Package Full Path>/FED_v1.26.1-b15_sign.lrm
```

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

3.7 Deploying Configuration Package

After saving the derived entities, follow these steps to deploy the Config Package:

1. To deploy the product configuration on OFS AgileREPORTER using the package OFSAA_REG_REP_USFED_81110.zip bundled inside the Config_Package directory of the installer:

- a. Navigate to the <OFS_AGILE_REPORTER>/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/81110/OFS_AGILE_RP_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 <OFS_AGILE_REPORTER>/bin/aliasinfo.properties
```

NOTE

Based on the latest configuration in your system, update the following `aliasinfo.properties` in the database to retrieve the reports.

- For Oracle Database Type,
`db.type = <<Oracle>>`
for example: `db.type = Oracle`
- For Oracle Database SID/Service,
`oracle.sid = <<Oracle SID>>` or
`oracle.service = <<Oracle service name>>`
for example: `oracle.sid = USFEDDB`
or `oracle.service = USFEDDB`
- For Database host, either IP address or server name
`db.host = <<Database IP address>>`
or `<<Database server name>>`
for example: `db.host = 10.40.142.195`
or `whf00axl`
- For Database port,
`db.port = <<Database port number>>`
for example: `db.port = 1521`
- For Database user credentials,
`user.name = <<Atomic schema>>`
`password = <<Atomic schema password>>`
for example: `user.name = QA_FSDFATM250`
`password = password1`

OFSAA Support

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

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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?
- What features did you like most about this manual?

If you find any errors or have any other suggestions for improvement, indicate the title and part number of the documentation along with the chapter/section/page number (if available) and contact Oracle Support.

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.

