

**Oracle Financial Services Regulatory
Reporting for European Banking
Authority (OFS AGILE RP EBA)**

Installation Guide

Release 8.1.0.1.0

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ORACLE
Financial Services

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1 Preface

Oracle Financial Services Regulatory Reporting for the European Banking Authority (OFS AGILE RP EBA) enables the banks to comply with BCBS 239 regulations. It integrates risk data reporting systems and enhances the accuracy of reporting in banks. OFS Risk Regulatory Solution (RRS) 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 Regulatory Reporting tool – OFS AgileREPORTER to build necessary template reports to meet the regulatory expectations.
- Managing the accuracy of risk reporting through Data Governance Studio (DGS).

This document provides step-by-step instructions to install the Oracle Financial Services Regulatory Reporting for European Banking Authority (OFS AGILE RP EBA) Release 8.1.0.1.0.

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 European Banking Authority System Administrator. It provides step-by-step instructions necessary for installing the OFS AGILE RP EBA application components.

1.2 Scope

This document provides a step-wise instruction to install Oracle Financial Services Regulatory Reporting for European Banking Authority (OFS AGILE RP EBA).

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, 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 the European Banking Authority.
- **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 European Banking Authority.

1.5 Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For 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 European Banking Authority. You can access Oracle documentation online from [OHC Documentation Library](#):

- *OFS Regulatory Reporting for European Banking Authority (OFS AGILE RP) User Guide Release 8.1.0.0.0*
- *OFS Data Foundation Installation Manual Release 8.1.0.1.0*
- *OFS AgileREPORTER Installation Manual Release 8.0.9.2.0*
- *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 <code>Monospace</code> .
OFSAAI	Oracle Financial Services Analytical Applications Infrastructure

Conventions	Description
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 AGILE RP EBA	Oracle Financial Services Regulatory Reporting for European Banking Authority (OFS AGILE RP EBA)

2 Hardware and Software Requirements and Specifications

This section describes the various Operating System, Database, Web Server, and Web Application Server version and other variant details on which this release of the OFS Regulatory Reporting for European Banking Authority (OFS AGILE RP EBA) 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 AGILE RP EBA Application v8.1.0.1.0.

Topics:

- [Obtaining the Software](#)
- [Prerequisites for Installation](#)
- [Pre-installation Steps](#)
- [Installing OFS AGILE RP EBA 8.1.0.1.0 Release](#)
- [Post-installation Steps](#)

3.1 Obtaining the Software

This release of AGILE RP EBA 8.1.0.1.0 can be downloaded from the [My Oracle Support](#) website. Log in and search for **31625708** under the **Patches and Updates** tab and download the OFS_AGILE_RP_EBA_8.1.0.1.0_GENERIC.zip archive file.

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

3.2 Prerequisites for Installation

The following are the prerequisites to install the OFS AGILE RP EBA application:

- Oracle Financial Services Data Foundation (OFSDF) Application Pack Release v8.1.0.1.0 patch (**31775876**) plus other prerequisite OFSDF patches (see *Section 2.1 Pre-installation Requirements* of the [OFSDF Application Pack Installation and Configuration Guide Release v8.1.0.1.0](#) in the [OHC](#) Documentation Library) must be installed and configured on your machine.
- (Only for the upgrade) Oracle Financial Services Regulatory Reporting for European Banking Authority Release v8.1.0.0.0.
- Oracle Financial Services AgileREPORTER Application 8.0.9.2.0 (patch **31830937**).
- Ensure that you have executed the `.profile` file before you trigger the installation.

3.3 Pre-installation Steps

If there is any other RRS application that is already installed in the existing environment, execute the following command to back up the `FSI_M_CELL_DETAILS` entries for the existing RRS application:

```
CREATE TABLE FSI_M_CELL_DETAILS_BKP AS SELECT *FROM FSI_M_CELL_DETAILS WHERE
V_JURISDICTION_CD NOT IN ('EBA','ECB') AND N_VERSION_NO=0
/
```

3.4 Installing OFS AGILE RP EBA 8.1.0.1.0 Release

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

1. Copy the downloaded archive file to your OFSAA server in **Binary** mode.

NOTE In an environment consisting of multiple OFSAA applications, if the October 2020 Critical Patch Update is applied for any one application, it is mandatory to apply the respective October 2020 Critical Patch Updates for all other applications on that OFSAA instance, regardless of the application's version. See the My Oracle Support Doc ID [2724021.1](https://support.oracle.com/defectdetail/2724021) for details.

2. Shut down all the OFSAA Services. For more information, see the *Stopping Infrastructure Services* section in [OFS Advanced Analytical Applications Infrastructure Pack Installation 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 8.1.0.1.0 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.

5. Execute `chmod 751 OFS_AGILE_RP_EBA_8.1.0.1.0_GENERIC.zip`
6. Execute `unzip <name of the file to be unzipped>`
For example: `unzip OFS_AGILE_RP_EBA_8.1.0.1.0_GENERIC.zip`
7. Configure `UPLOAD_MODEL` parameter in the `param.conf` file present under the `appsLibConfig/conf` directory to determine if Model Upload is required or not:
0 = If you have already performed Model Upload and want to skip Model Upload process
1 = If you want to perform Model Upload

NOTE You must enter the Model Upload parameter value as **0** only.

8. Navigate to the `OFS_AGILE_RP_EBA/bin` directory and execute `./setup.sh`
9. The installation progress can be viewed by periodically refreshing the log file under the `OFS_AGILE_RP_EBA/logs` directory.
10. After the installation is complete, verify the log file for any errors or warnings. Contact [My Oracle Support](#) in case of any issue.

NOTE This patch installation has taken approximately 5 minutes to complete in Oracle Labs.

3.5 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_EBA/logs` directory to ensure that there are no errors reported. Contact [My Oracle Support](#) in case of any issues.
3. 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 Configuration* section in the [OFS Advanced Analytical Applications Infrastructure Pack Installation Guide](#).
4. In case of an integrated environment where BASEL or LRS APPs are present and the corresponding FSDF integration processes have been enabled/created, then execute the `OFS_AGILE_RP_EBA/bin/scripts/config/insert/Enable_Basel_LRM_Run_Parameter_EBA.sql` script in the CONFIG schema to enable the required run parameters for an integrated REG run.
5. In case of an integrated environment where EBA application is installed over BASEL, then execute the following statement in the CONFIG schema.


```
MERGE INTO METADATA_ATTRIBUTE_MASTER T USING( SELECT
'FSI_CAP_INDICATOR' V_ATTRIBUTE_VALUE, 'A_INTERNAL_CUST_IND'
V_METADATA_CODE FROM DUAL ) S ON (S.V_METADATA_CODE = T.V_METADATA_CODE
AND T.N_METADATA_VERSION = 0) WHEN MATCHED THEN UPDATE SET
T.V_ATTRIBUTE_VALUE = S.V_ATTRIBUTE_VALUE;
```
6. Restart all the OFSAA services. For more information, see the *Starting Infrastructure Services* section in the [OFS Advanced Analytical Applications Infrastructure Pack Installation Guide](#).

7. If the pre-installation command related to the back up of FSI M CELL DETAILS has been executed, execute the following commands to restore the FSI information:

```
INSERT INTO FSI_M_CELL_DETAILS SELECT *FROM FSI_M_CELL_DETAILS_BKP
```

```
/
```

```
COMMIT
```

```
/
```

If FSI M CELL DETAILS restoration is successful, then drop the below table

```
DROP TABLE FSI_M_CELL_DETAILS_BKP
```

```
/
```

The Oracle Financial Services Regulatory Reporting for the European Banking Authority is now ready for use.

4 Deploying Configuration Package

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

1. To deploy the product configuration on Lombard AgileREPORTER using the package `OFSAA_REG_REP_EBA_8.1.0.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/8101/OFS_AGILE_RP_EBA/Config_Package/OFSAA_REG_REP_EBA_8.1.0.zip
```
 - c. Activate the configuration with the following command:


```
./config.sh -t OFSAA_REG_REP_EBA -iv 8.1.0.0.0
```
 - d. Update the Alias with the following command:


```
./config.sh -ea OFSAA_REG_REP_EBA -iv 8.1.0.0.0 -alias "OFSAA EBA DATA SOURCE" -aif <LombardAgileREPORTER>/bin/aliasinfo.properties
```
2. To deploy the product configuration on Lombard AgileREPORTER using the package `OFSAA_REG_REP_ECB_8.1.0.zip` bundled inside the `Ana_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 <Ana_Config_Package Full Path>
```

 For example:


```
./config.sh -a /scratch/kit/8101/OFS_AGILE_RP_EBA/Ana_Config_Package/OFSAA_REG_REP_ECB_8.1.0.zip
```
 - c. Activate the configuration with the following command:


```
./config.sh -t OFSAA_REG_REP_ECB -iv 8.1.0.0.0
```
 - d. Update the Alias with the following command:


```
./config.sh -ea OFSAA_REG_REP_ECB -iv 8.1.0.0.0 -alias "OFSAA EBA DATA SOURCE" -aif <LombardAgileREPORTER>/bin/aliasinfo.properties
```

NOTE

As ECB and EBA point towards the same database host, alias update will have the same data source as **OFSAA EBA DATA SOURCE** in the `manifest.xml` file.

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

5 Deploying Template Package

This section describes the steps to deploy the template package:

1. To deploy the product configuration on AgileREPORTER using the package `ECR_v1.37.0-b32_sign.lrm` bundled inside the `Template_Package` directory of the installer:

- a. Navigate to the `<AgileREPORTER>/bin` directory under the installed directory.
- b. 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>/  
ECR_v1.37.0-b32_sign.lrm
```

2. To deploy the product configuration on AgileREPORTER using the package `AR_ANACREDIT_Package_v1_4_0_0_Release_sign.lrm` bundled inside the `Template_Package` directory of the installer:

- a. Navigate to the `<AgileREPORTER>/bin` directory under the installed directory.
- b. 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>/  
AR_ANACREDIT_Package_v1_4_0_0_Release_sign.lrm
```

If you encounter any problem 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.

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