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

Installation Guide
Release 8.0.7.0.0
December 2018

ORACLE
Financial Services
### DOCUMENT CONTROL

<table>
<thead>
<tr>
<th>Version Number</th>
<th>Revision Date</th>
<th>Changes Done</th>
</tr>
</thead>
<tbody>
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<td>1.0</td>
<td>Created: December 2018</td>
<td>Document contents are categorized to appropriate sections and structured considering all the 8.0.7.0.0 features.</td>
</tr>
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### Executive Summary

The document consists of all the installation, Pre and Post configuration procedures which have been structured considering all the 8.0.7.0.0 features. You can find the latest copy of this document in OHC Documentation Library which includes all the recent additions/revisions (if any) done till date.

Before you begin the installation, ensure that you have an access to Oracle Support Portal with the required login credentials to quickly notify us for any specific issues. You can obtain one by contacting Oracle Support.
# TABLE OF CONTENTS

**PREFACE**...........................................................................................................................................................................4  
  Audience ................................................................................................................................................................................4  
  Scope 4  
  Prerequisites for the Audience..................................................................................................................................................5  
  How this Guide is Organized? ...................................................................................................................................................5  
  Documentation Accessibility ........................................................................................................................................................5  
  Access to Oracle Support ..........................................................................................................................................................5  
  Related Documents ..................................................................................................................................................................5  
  Conventions and Acronyms .......................................................................................................................................................6  

1 **HARDWARE AND SOFTWARE REQUIREMENTS AND SPECIFICATIONS** .................................................................7  

2 **PREPARING FOR INSTALLATION** .........................................................................................................................................7  
  2.1 Obtaining the Software ........................................................................................................................................................7  
  2.2 Prerequisites for Installation ................................................................................................................................................7  
  2.3 Configuration for GUI Mode Installation ..........................................................................................................................8  
  2.4 Copying and Extracting the Software ................................................................................................................................8  

3 **GUI MODE INSTALLATION** .....................................................................................................................................................9  

4 **SILENT MODE INSTALLATION** ........................................................................................................................................16  

5 **POST INSTALLATION ACTIVITIES** .....................................................................................................................................18  
  5.1 Deploying Config Package ..................................................................................................................................................18  
  5.2 Deploying Template Package .............................................................................................................................................19
Preface

Oracle Financial Services Regulatory Reporting for European Banking Authority (OFS_AGILE_RP_EBA) enables the customers to enable 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 a centralized data storage for risk data through relevant subject areas of Financial Services Data Foundation (FSDF).
- Interfacing with a Regulatory Reporting tool – OFS AgileREPORTER to build necessary template reports to meet the regulatory expectations.
- Managing 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 8.0.7.0.0.

This chapter discusses the following topics:

- Audience
- Scope
- Prerequisites for the Audience
- How this Guide is Organized?
- Documentation Accessibility
- Access to Oracle Support
- Recommended Environment
- Related Documents
- Conventions and Acronyms

Audience

This manual 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.

Scope

This manual provides a step-wise instruction to install Oracle Financial Services Regulatory Reporting for European Banking Authority (OFS_AGILE_RP_EBA).
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/ Web Application Server is recommended.

How this Guide is Organized?

The Installation Manual is organized into the following chapters.

- **Pre Requisites** 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 European Banking Authority.
- **Installing the Application** section details the steps to be followed during the installation.
- **Post installation Activities** section details the steps that are required to be performed after a successful installation of Oracle Financial Services Regulatory Reporting for European Banking Authority.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at [http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc](http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc)

Access to Oracle Support


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):

- Oracle Financial Services Data Foundation Installation Manual Release 8.0.7.0.0 Java 7 and Java 8
- Oracle Financial Services Analytical Applications Infrastructure Environment Check Utility Guide (present in this OHC Documentation Library)
## Conventions and Acronyms

<table>
<thead>
<tr>
<th>Conventions</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>References to sections or chapters in the manual are displayed in <em>Italics</em>. Screen names are displayed in the following manner: <strong>Introduction</strong> screen Options and buttons are displayed in <strong>Bold</strong>.</td>
<td></td>
</tr>
<tr>
<td>OFSAAI</td>
<td>Oracle Financial Services Analytical Applications Infrastructure</td>
</tr>
<tr>
<td>OFS AAAI</td>
<td>Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack</td>
</tr>
<tr>
<td>RHEL</td>
<td>Red Hat Enterprise Linux</td>
</tr>
<tr>
<td>Atomic Schema</td>
<td>Database schema where the application data model is uploaded.</td>
</tr>
<tr>
<td>Config Schema</td>
<td>Database schema which contains setup related configurations and metadata.</td>
</tr>
<tr>
<td>OFS_AGILE_RP_EBA</td>
<td>Oracle Financial Services Regulatory Reporting for European Banking Authority</td>
</tr>
</tbody>
</table>
1 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 Technology Matrix for Hardware and Software requirements for this release.

2 Preparing for Installation

This chapter provides necessary information to review before installing the OFS_AGILE_RP_EBA Application v8.0.7.0.0. This chapter includes the following topics:

- Obtaining the Software
- Prerequisites for Installation
- Configuration for GUI Mode Installation
- Copying and Extracting the Software

2.1 Obtaining the Software

This release of OFS_AGILE_RP_EBA 8.0.7.0.0 can be downloaded from the Oracle Support Services site (https://support.oracle.com/). Log in and search for 29117682 under the Patches and Updates tab.

You need to have a valid Oracle account in order to download the software.

2.2 Prerequisites for Installation

The following are the prerequisites to install OFS_AGILE_RP_EBA application:

- Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) 8.0.7.0.0 (patch 28226275) plus other prerequisite OFSAAI patches (see Section 1.1 Pre-Installation Requirements of OFSAI Installation Guide) should be installed and configured in your Machine (OHC Documentation Library).
- Oracle Financial Services Data Foundation (OFSDF) 8.0.7.0.0 (patch 28929704) plus other prerequisite OFSDF patches (see Section 3.1 Installer and Installation Prerequisites of OFSDF Installation Guide) should be installed and configured in your Machine (OHC Documentation Library).
- Oracle Financial Services Regulatory Reporting for European Banking Authority 8.0.6.1.2 (patch 28970485).
- OFS AgileREPORTE Application 8.0.6.1.1 (patch 28827930) should be installed and configured in your Machine.
- Ensure that you have executed .profile file before you trigger the installation.
- Ensure that the FIC Server is up and running before you trigger the installation. For information on restarting the services, Refer OFS AAI Release 8.0.2.0.0 Installation Guide (OHC Documentation Library) for more information.
2.3 Configuration for GUI Mode Installation

To install OFS_AGILE_RP_EBA in GUI mode, you need to ensure the below software and configurations are available:

- Install and configure any PC X Server software such as Open Text Exceed (formerly Hummingbird Exceed) on the user desktop system from which the installation is triggered.
- Configure DISPLAY variable.
  Ensure to set the DISPLAY variable on the system on which the OFSAA is installed, to point to the user desktop system where the PC X Server software is installed.
  Syntax:
  ```
  export DISPLAY=hostname:n.n
  ```
  where, hostname is the IP Address/Host Name of the user desktop system and n is the sequence number (usually 0).
  For example: 10.11.12.13:0.0 or myhostname:0.0

2.4 Copying and Extracting the Software

Perform the following steps to copy and extract the OFS_AGILE_RP_EBA software.

1. Copy OFS_AGILE_RP_EBA v8.0.7.0.0 archive file to your OFSAA server in Binary mode.

   **NOTE:** You must be logged in to the UNIX operating system as a non-root user.

2. Download the unzip utility (OS specific) `unzip_<os>.Z`, and copy it in Binary mode to any directory and include the directory in your PATH variable. If you already have the unzip utility to extract the contents of the downloaded archive, skip to the next step.

3. Uncompress the unzip installer file using the command:

   ```
   unzip 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.

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

   ```
   chmod 751 unzip_<os>
   ```
   For example, `chmod 751 unzip_sparc`

5. Extract the contents of the OFS_AGILE_RP_EBA 8.0.7.0.0 in the Download Directory installer archive file using the following command:

   ```
   unzip OFS_AGILE_RP_EBA_8.0.7.0.0_<os>.zip
   ```

   **NOTE:** DO NOT rename the Application installer folder name on extraction from the archive.

6. Give below permission to the installer folder. Navigate to the Download Directory and execute the command:

   ```
   chmod -R 755 OFS_AGILE_RP_EBA
   ```
3 GUI Mode Installation

The OFS_AGILE_RP_EBA installer can be installed in both GUI and silent mode.

For executing the installer in silent mode, refer to the section Silent Mode Installation.

For running in GUI mode:

1) Log in to the system as non-root user
2) Execute the user .profile
3) Navigate to installer location OFS_AGILE_RP_EBA/bin
4) Run the installer in GUI Mode by executing the command:
   ./Setup.sh GUI

Installation Splash Screen

1. The Introduction screen displays the prerequisites for installation. Ensure that the prerequisites are satisfied before you proceed.
2. Choose the **Log Mode** for this installer. If you select **Debug**, the Passwords are printed in the log file.
3. In the **Pre-Setup Information** screen, specify the existing infodom name to be used for the application installation and click **Next**.

![Pre-Setup Information – Infodom Type Screen](image1)

4. In the **Pre-Setup Information** screen, select **New ETL Source** to create a new ETL source and click **Next**.

![Pre-Setup Information – ETL Source Screen](image2)
5. In the **Pre-Setup Information** screen, enter the **ETL Source Name** and **Description**. Then click **Next**.

6. In the **Pre-Setup Information** screen, enter the **OFSAAI User ID** and click **Next**.

   Default Value is: **SYSADMN**
7. The **Pre-Install Configuration (Please Wait)** screen is displayed.

![Pre-Install Configuration – Please Wait Screen](image)

8. Review the settings in the **Pre-Installation Summary** screen and click **Install**.

![Pre-Installation Summary Screen](image)
9. The following message is displayed. Select **Yes** to begin the installation process.

![Information Window]

10. The **Installing SolutionSetup** screen is displayed.

![Installing SolutionSetup Screen]
11. The **Install Complete** screen is displayed.

![Install Complete Screen](image)

12. Refer to the log file created in the path `/OFS_AGILE_RP_EBA/logs` of installer directory for any error messages.

13. Click **Done** to complete the installation.
4 Silent Mode Installation

Silent installation is achieved via a properties file (Silent.props) that must be updated with proper values, before attempting to install using the silent mode. Follow the below steps to install the product in Silent Mode:

1. Navigate to installer directory OFS_AGILE_RP_EBA/conf containing the template file Silent.template.
2. Create a copy of this file and rename the copy as Silent.props.
3. Edit the Silent.props file and specify the parameters as per the requirements.

The following table lists all the properties that must be specified.

<table>
<thead>
<tr>
<th>Property Name</th>
<th>Description of Property</th>
<th>Permissible Values</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOG_MODE</td>
<td>Mode for logging</td>
<td>1 = Debug, 0 = General</td>
<td>OPTIONAL. Default is 0.</td>
</tr>
<tr>
<td>INFODOM_NAME</td>
<td>Specify name of Information Domain (Infodom) into which you wish to install.</td>
<td>For example: FSDF806INF</td>
<td>MANDATORY. Specify Infodom Name Value where FSDF Application is installed.</td>
</tr>
<tr>
<td>APPFTP_LOG_PATH</td>
<td>Specify the Infodom App Maintenance log path</td>
<td>For example: /scratch/ofsaadb/ftpshare/FSDFINF009/logs</td>
<td>MANDATORY. Path value must be same as the path which was given during FSDF installation.</td>
</tr>
<tr>
<td>DBFTP_LOG_PATH</td>
<td>Specify the Infodom DB Maintenance log path</td>
<td>For example: /scratch/ofsaadb/ftpshare/FSDFINF009/logs</td>
<td>MANDATORY. Path value must be same as the path which was given during FSDF installation.</td>
</tr>
<tr>
<td>SEGMENT_1_CODE</td>
<td>Specify the European Banking Authority Segment Code</td>
<td>For example: EBASEG</td>
<td>MANDATORY</td>
</tr>
</tbody>
</table>
### Installation Guide

**ETL_APPSRC_TYPE**

Specify if you want to create new ETL App/Src pair or use an existing one.

- 0 = If you want to create a new ETL Source
- 1 = If you want to use an existing Source

**ETL_SRC_1_NAME**

Specify the ETL Source Name where ETL Area Definitions are deployed

- For example: EBAPROC

**ETL_SRC_1_DESC**

Specify the description for the ETL Source

- For example: EBADESC

**MANDATORY WHEN**

ETL_APPSRC_TYPE = 0

---

4. Log in to the system as **non-root user**

5. Execute the user `.profile`

6. Navigate to installer location **OFS_AGILE_RP_EBA/bin**

7. Run the installer in SILENT Mode with the following command:

   ```bash
   ./setup.sh SILENT
   ```

Refer to the console log (or the `preinstall.log` file) for any error messages.
5 Post Installation Activities

The post-installation steps required for this release are:

1. Refer to 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.
2. Execute all the DE resave batches.
3. Generate the application EAR / WAR file and redeploy the application on the 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 8.0.2.0.0.
4. Restart all the OFSAA services. For more information, see the Start/Stop Infrastructure Services section in Oracle Financial Services Advanced Analytical Applications Infrastructure Pack Installation Guide – Release 8.0.2.0.0.
5. Perform the additional configurations if required as mentioned under the Additional Configurations section in Oracle Financial Services Advanced Analytical Applications Infrastructure Pack Installation Guide – Release 8.0.2.0.0.

The Oracle Financial Services Regulatory Reporting for European Banking Authority – Lombard Risk Integration Pack is now ready for use.

5.1 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 Lombard AgileREPORTER using the package OFSAA_REG_REP_EBA_80700.zip bundled inside the Config Package folder of installer:
   a. Navigate to <LombardAgileREPORTER>/bin 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/80700/OFS_REG_REP_EBA/Config Package/OFSAA_REG_REP_EBA_80700.zip
   c. Activate the configuration with the following command:
      
      ./config.sh -t OFSAA_REG_REP_EBA_80700 -iv 8.0.7.0.0
   d. Update the Alias with the following command:
      
      ./config.sh -ea OFSAA_REG_REP_EBA_80700 -iv 8.0.7.0.0 -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_80700.zip bundled inside the Ana_Config_Package folder of installer:
   
   a. Navigate to <LombardAgileREPORTER>/bin under the installed location
   b. Add a new configuration with the following command:
      
      ```
      ./config.sh -a <Config_Package_2 Full Path>
      ```
      
      For example:
      ```
      ./config.sh -a
      /scratch/kit/80610/OFS_REG_REP_EBA/Ana_Config_Package/
      OFSAA_REG_REP_ECB_80700.zip
      ```
   c. Activate the configuration with the following command:
      ```
      ./config.sh -t OFSAA_REG_REP_ECB_80700 -iv 8.0.7.0.0
      ```
   d. Update the Alias with the following command:
      ```
      ./config.sh -ea OFSAA_REG_REP_ECB_80700 -iv 8.0.7.0.0 -alias "OFSAA EBA DATA SOURCE" -aif
      <LombardAgileREPORTER>/bin/aliasinfo.properties
      ```

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

5.2 Deploying Template Package

This section describes the steps to deploy the template package:

1. To deploy the product configuration on AgileREPORTER using the package
   AR4ECR_1.31.0.9.lrm bundled inside the Template Package directory of the installer:
   
   a. Navigate to <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>/
      AR4ECR_1.31.0.9.lrm
      ```
2. To deploy the product configuration on AgileREPORTER using the package 
   AR_ANACREDIT_Package_v1_3_2_6.lrm bundled inside the Template_Package 
directory of the installer:
   a. Navigate to <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_3_2_6.lrm
      If you encounter any problems during deployment, contact OFSAA Support at Oracle Support Services.