

**ORACLE®**  
Financial Services

**Regulatory Reporting for Australian  
Prudential Regulation Authority**

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**Release 8.0.7.0.0**

*Installation Guide*  
January 2019



## Document Versioning

Version	Date	Change Reference
02	January 11, 2018	Updated: Final version published
01	January 04, 2018	Created: Draft published

## Executive Summary

This document includes the necessary instructions to apply 8.0.7.0.0 major release of Regulatory Reporting for Australian Prudential Regulation Authority (OFS REG REP APRA) and perform the required post install configurations. You can find the latest copy of this document in [OHC](#) Documentation Library.

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 [My Oracle Support](#).

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## Preface

Oracle Financial Services Regulatory Reporting for Australian Prudential Regulation Authority (OFS REG REP APRA) enables banks to automate risk reporting to central banks and regulators in a single integrated environment. It automates end-to-end processes from data capture through submission with industry-leading solutions, eliminating the need for further manual intervention. It is a standalone product that has pre-built integration with VERMEG's Solution for Regulatory Reporting - AgileREPORTER. The solution ensures data integrity allowing banks to focus more time on analyzing and gaining new business insight from their growing stores of data instead of preparing data and reports with the sole objective of meeting submission deadlines. 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 – VERMEG AgileREPORTER to build necessary template reports to meet the regulatory expectations.
- Managing accuracy of risk reporting through Data Governance Studio (DGS).

OFS Regulatory Reporting for Australian Prudential Regulation Authority (OFS REG REP APRA) offers regulatory reporting solution for the Financial Institutions (FIs) in Australia. The present scope of the release in v80700 includes 11 EFS reports which have undergone regulatory updates in recent past and mandatory to be submitted by all FIs in the region.

This document provides step-by-step instructions to install the Oracle Financial Services Regulatory Reporting for Australian Prudential Regulation Authority (OFS REG REP APRA) 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 document is meant for Oracle Financial Services Regulatory Reporting for Australian Prudential Regulation Authority (OFS REG REP APRA) System Administrator. It provides step-by-step instructions necessary for installing the OFS REG REP APRA application components.

## Scope

This document provides a step-wise instruction to install Oracle Financial Services Regulatory Reporting for Australian Prudential Regulation Authority (OFS REG REP APRA).

## Prerequisites for the Audience

Oracle Financial Services Regulatory Reporting for Australian Prudential Regulation Authority (OFS REG REP APRA) Installation Guide is intended for administrators and implementation consultants who are responsible for installing and maintaining the application pack components.

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?

This document 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 Australian Prudential Regulation Authority (OFS REG REP APRA).
- **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 Australian Prudential Regulation Authority (OFS REG REP APRA).

## 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>

## Access to Oracle Support

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## Related Documents

This section identifies additional documents related to Oracle Financial Services Regulatory Reporting for Australian Prudential Regulation Authority (OFS REG REP APRA). You can access Oracle documentation online from Documentation Library ([OHC](#)):

- Oracle Financial Services Regulatory Reporting for Australian Prudential Regulation Authority (OFS REG REP APRA) User Guide
- 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

The following conventions and acronyms are used in this document.

Conventions	Description
References to sections or chapters in the manual are displayed in <i>Italics</i> .	
Screen names are displayed in the following manner: <b>Introduction</b> screen.	
Options and buttons are displayed in <b>Bold</b> .	
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 APRA	Oracle Financial Services Regulatory Reporting for Australian Prudential Regulation Authority

## Hardware and Software Requirements

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 Australian Prudential Regulation Authority (OFS REG REP APRA) application has qualified.

Refer to the latest [Technology Matrix](#) for Hardware and Software requirements for this release.

## Preparing for Installation

This chapter provides necessary information to review before installing the OFS REG REP APRA 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](#)

### Obtaining the Software

Login to <https://support.oracle.com/> and search for **29113758** under the Patches and Updates tab to download the OFS REG REP APRA v8.0.7.0.0 archive file.

### Prerequisites for Installation

The prerequisite software that must be installed are:

- 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 [OFS AAI 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).
- AgileREPORTER version **1.16.2-b107**
- AgileREPORTER APRA Template package version **AR4APRA\_1.8.0.0**
- Ensure that you have executed **.profile** 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, see *OFS AAI Release 8.0.2.0.0 Installation Guide* ([OHC](#) Documentation Library) for more information.

## Configuration for GUI Mode Installation

To install OFS REG REP APRA 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 has been installed.

Syntax:

```
export DISPLAY=hostname:n.n1
```

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

## Copying and Extracting the Software

Once you obtain the installer, copy the installer (in BINARY mode) to the system on which the OFS REG REP APRA application components are installed.

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

---

1. 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.
2. 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.

---

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

```
chmod 751 unzip_<os>
```

For example: `chmod 751 unzip_sparc`

4. Extract the contents of the OFS REG REP APRA v8.0.7.0.0 in the Download Directory installer archive file using the following command:

```
unzip OFS_REG REP_APRA_8.0.7.0.0_<os>.zip
```

---

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

---

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

```
chmod -R 755 OFS_REG REP_APRA
```

## GUI Mode Installation

The OFS REG REP APRA installer can be installed in both GUI and silent mode.

For executing the installer in silent mode, refer to the section [Silent Mode Installation](#).

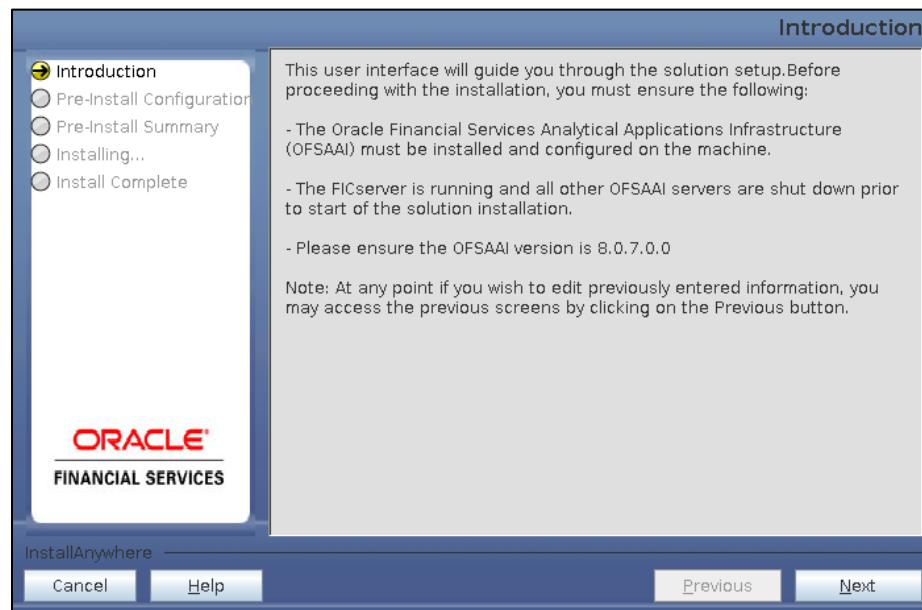
For running in GUI mode, follow these steps:

1. Log in to the system as **non-root user**
2. Execute the user **.profile**
3. Navigate to installer location **OFS\_REG REP\_APRA/bin**
4. Run the installer in GUI Mode by executing the command:  
**./Setup.sh GUI**



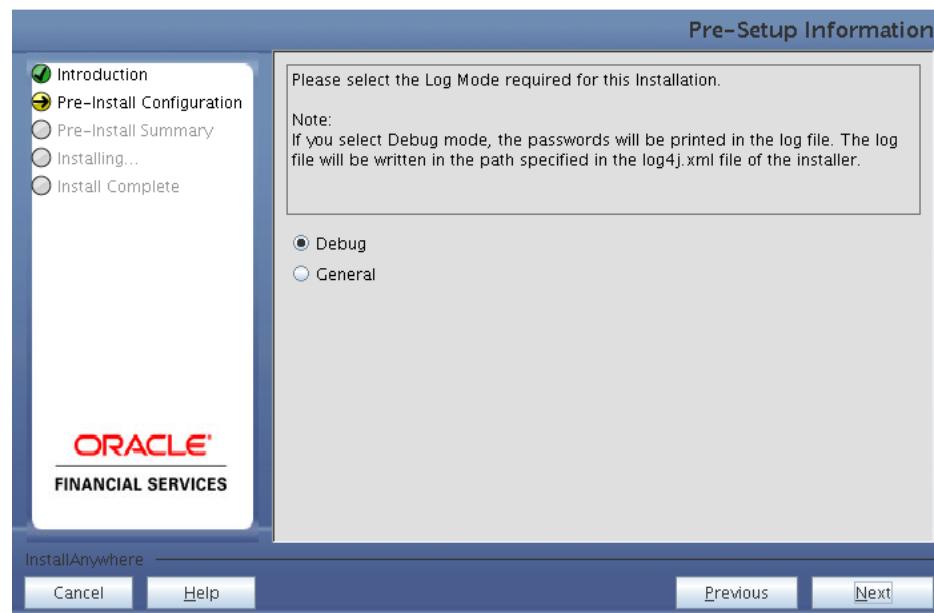
Installation Splash Screen

1. The **Introduction** screen displays the prerequisites for installation. Ensure that the prerequisites are satisfied before you proceed.



**Introduction Screen**

2. Choose the **Log Mode** for this installer. If you select, **Debug**, the Passwords are printed in the log file.



**Pre-Setup Information – Log Mode Screen**

3. In the **Pre-Setup Information** screen, specify the existing infodom name to be used for the application installation and click **Next**.

**NOTE:** You should mention FSDF segment as APRA segment along with FSDF infodom as shown in the figure.



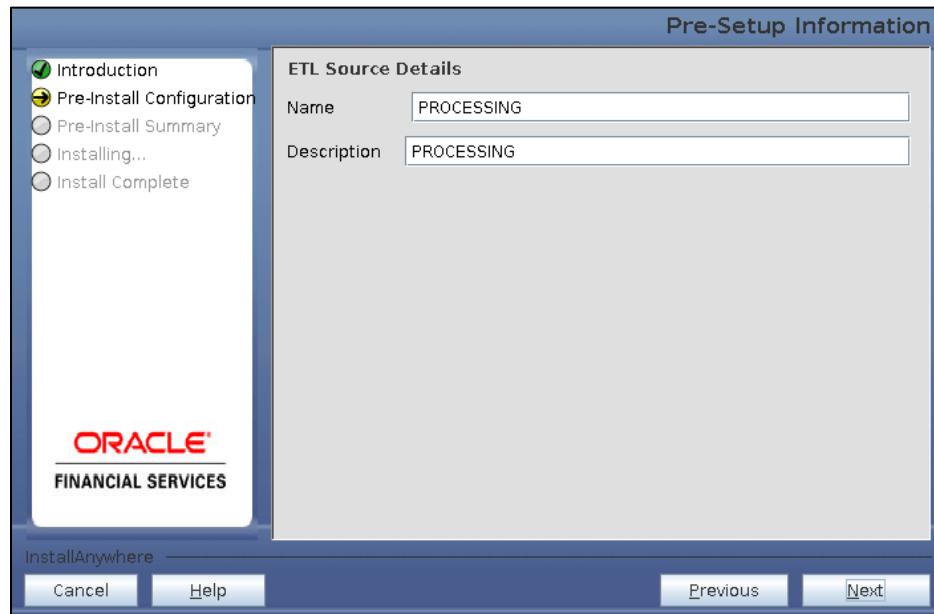
**Pre-Setup Information – Infodom Type Screen**

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



**Pre-Setup Information – ETL Application Selection Screen**

5. In the **Pre-Setup Information** screen, enter the **ETL Source Name** and **ETL Description**. Then click **Next**.



**Pre-Setup Information – ETL Application Details Screen**

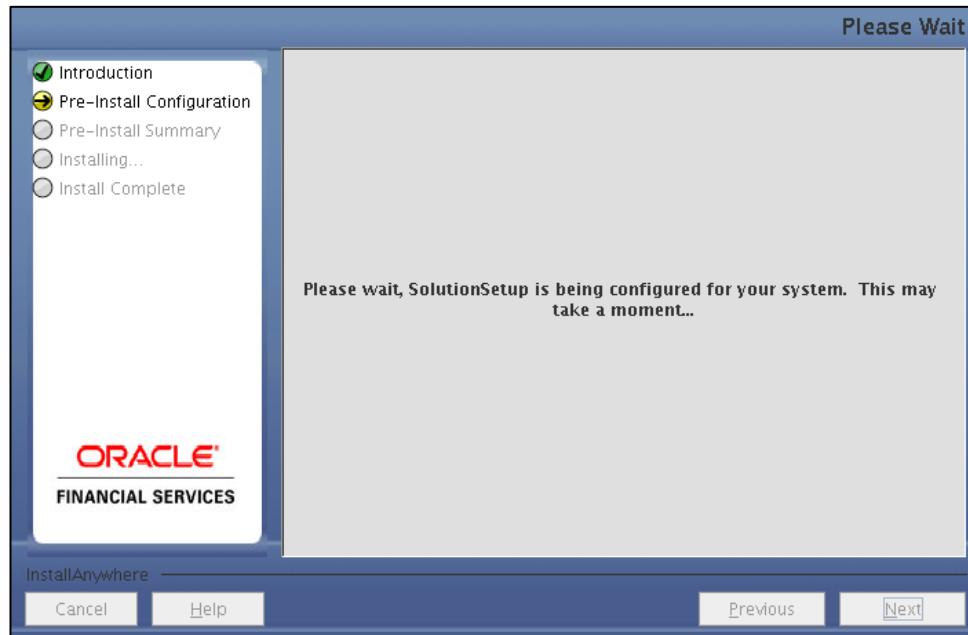
6. In the **Pre-Setup Information** screen, enter the **OFSAAI User ID** and click **Next**.

Default Value is: **SYSADMIN**



**Pre-Setup Information – OFSAAI User ID Screen**

7. The **Pre-Install Configuration (Please Wait)** screen is displayed.



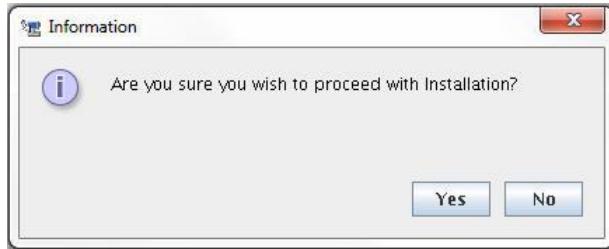
Pre-Install Configuration – Please Wait Screen

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

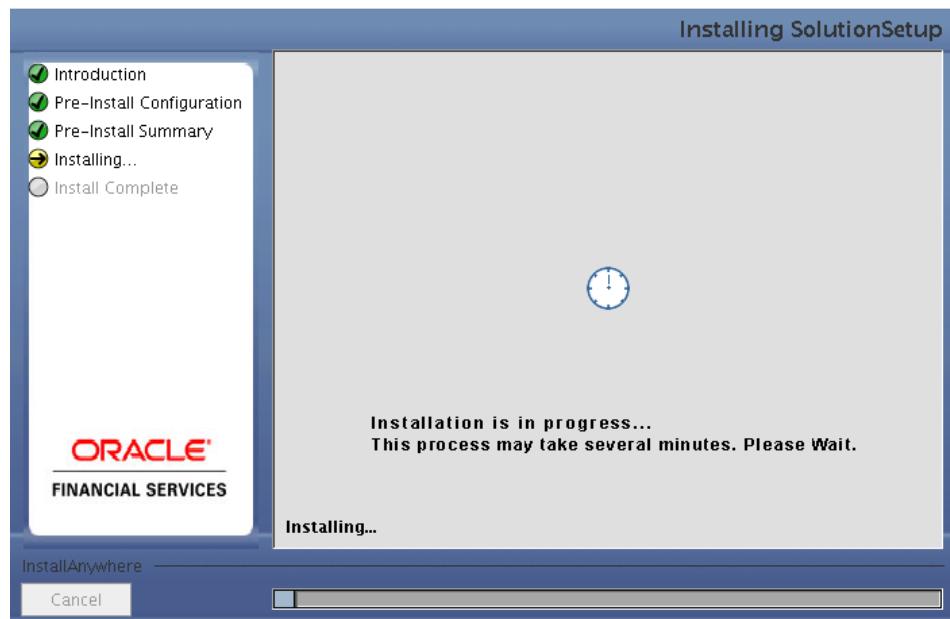


Pre-Installation Summary Screen

9. The following message is displayed. Select **Yes** to begin the installation process.

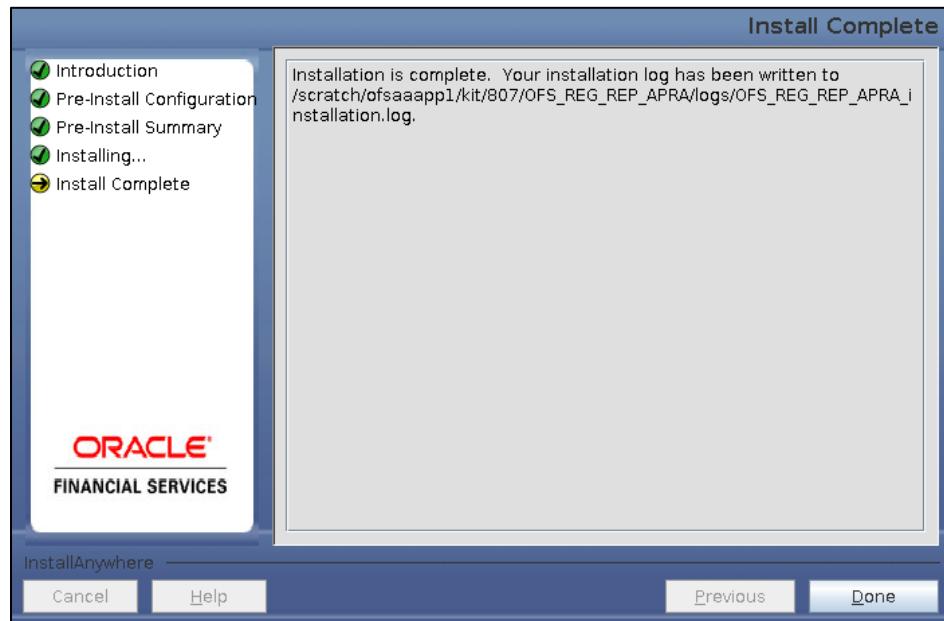


10. The **Installing SolutionSetup** screen is displayed.



**Installing SolutionSetup Screen**

11. The **Install Complete** screen is displayed.



**Install Complete Screen**

12. Refer to the log file created in the path **/OFS\_REG REP\_APRA/logs** of installer directory for any error messages.

13. Click **Done** to complete the installation.

## 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 these steps to install the product in Silent Mode:

1. Navigate to installer directory **OFS\_REG REP\_APRA/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.

Property Name	Description of Property	Permissible Values	Comments
LOG_MODE	Mode for logging	0 = Debug 1= General	Optional; Default : 0
INFODOM_NAME	Specify name of Information Domain (Infodom) into which you wish to install.	For example: FSDFINFO	Mandatory. Specify Infodom Name Value where FSDF Application is got installed
APPFTP_LOG_PATH	Specify the Infodom App Maintenance log path	For example: /scratch/ofsaaapp1/ftpshare/FSDFINFO/logs	Mandatory. Path value must be same as the path which was given during FSDF installation
DBFTP_LOG_PATH	Specify the Infodom DB Maintenance log path	For example: /scratch/ofsaaapp1/ftpshare/FSDFINFO/logs	Mandatory. Path value must be same as the path which was given during FSDF installation
SEGMENT_1_CODE	Specify the Australian Prudential Regulation Authority Segment Code	For example: FSDFSEG	Mandatory
ETL_APPSRC_TYPE	Please specify if you want create new ETL App/Src pair or use an existing one.	0 = If you want to create a new ETL app/src pair 1 = If you want to use an existing pair	Mandatory

Property Name	Description of Property	Permissible Values	Comments
ETL_SRC_1_1_NAME	Specify the ETL Source Name into ETL Area Definitions will be deployed	For example: PROCESSING	Mandatory
ETL_SRC_1_1_DESC	Please give description for the ETL Source	For example: PROCESSING	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\_REG REP\_APRA/bin**
7. Run the installer in SILENT Mode with the following command:  
**./Setup.sh SILENT**

Refer to the console log for any error messages.

## Post Installation Steps

Perform the following instructions after successful installation of the OFS REG REP APRA v80700 application:

- Refer to the log file in the **/OFS\_REG REP\_APRA/logs** directory to ensure that there are no errors reported.
- Restart all the OFSAAI Servers. See *Oracle Financial Services Analytical Applications Infrastructure Release 8.0.2.0.0 Installation Guide* ([OHC](#) Documentation Library) for more information.
- Execute the following batches to Re-save the Derived Entities:

```
APRA_ADJUSTMENT_RESAVEDE
APRA_ARF7200A_RESAVEDE
APRA_ARF7200B_RESAVEDE
APRA_ARF7201A_RESAVEDE
APRA_ARF7201B_RESAVEDE
APRA_ARF7202A_RESAVEDE
APRA_ARF7202B_RESAVEDE
```

APRA\_ARF7203\_RESAVEDE

APRA\_ARF7204\_RESAVEDE

APRA\_ARF7205\_RESAVEDE

APRA\_ARF7206\_RESAVEDE

APRA\_ARF7207\_RESAVEDE

- Execute the following batches to Refresh the Derived Entities:

APRA\_ADJUSTMENT\_REFRESH

APRA\_ARF7200A\_REFRESH

APRA\_ARF7200B\_REFRESH

APRA\_ARF7201A\_REFRESH

APRA\_ARF7201B\_REFRESH

APRA\_ARF7202A\_REFRESH

APRA\_ARF7202B\_REFRESH

APRA\_ARF7203\_REFRESH

APRA\_ARF7204\_REFRESH

APRA\_ARF7205\_REFRESH

APRA\_ARF7206\_REFRESH

APRA\_ARF7207\_REFRESH

- Re-save all hierarchies after executing all the SCDs and before triggering the APRA Run.

The Oracle Financial Services Regulatory Reporting for Australian Prudential Regulation Authority (OFS REG REP APRA) is now ready for use. If you encounter any problems during set up, contact OFSAA Support at [Oracle Support](#).

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**NOTE:** See *Oracle Financial Services Analytical Applications Infrastructure Release 8.0.0.0 Installation Guide* ([OHC Documentation Library](#)) for more information on Creating and Deploying EAR/WAR file, Configuring the Web Servers, and Additional Configuration.

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## Template Package and Config Package Deployment

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

This section describes the order to deploy the template package and config package after saving the derived entities:

1. To deploy the product configuration on AgileREPORTER using the package **OFS\_RP\_TEMPLATE\_APRA\_80700.zip** bundled inside the **Template\_Package** directory of the installer:

- a. Navigate to the **/Template\_Package** directory under the installer.
- b. Unzip the files with the following command:

```
unzip OFS_RP_TEMPLATE_APRA_80700.zip
```

The **AR4APRA\_v1.8.0.0.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>/<.zip file>
```

For example:

```
./config.sh -p -a <Template_Package Full Path>/
AR4APRA_v1.8.0.0.lrm
```

2. To deploy the product configuration on AgileREPORTER using the package **OFSAA\_REG REP\_APRA\_80700.zip** bundled inside the **Config\_Package** folder of installer:

- a. Navigate to the path where AgileREPORTER is installed and then go **/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/807/OFS_REG REP_APRA/
Config_Package/OFSAA_REG REP_APRA_80700.zip
```

- c. Update the Alias with the following command:

```
./config.sh -ea OFSAA_REG REP_APRA_80700 -iv 8.0.7.0.0 -
alias "OFSAA APRA DATA SOURCE" -aif
/scratch/agile/bin/aliasinfo.properties
```

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



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