

**Oracle Financial Services Regulatory
Reporting Data Sets and Governance
for Asia Pacific and Middle East
Jurisdictions**

Release Notes

Release 8.1.1.0.1

August 2021

ORACLE
Financial Services

OFS Regulatory Reporting Data Sets and Governance for Asia Pacific and Middle East Jurisdictions
Release Notes

Copyright © 2021 Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are “commercial computer software” pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

For information on third party licenses, click [here](#).

Document Control

Version Number	Revision Date	Change Log
02	August 18, 2021	Updated: Final version published
01	April 09, 2021	Created: Draft published

Table of Contents

1	Preface	5
1.1	What is New in This Release for OFS REG REP APME	5
1.1.1	<i>New Features</i>	5
1.1.2	<i>Deprecated Features</i>	5
1.1.3	<i>Desupported Features</i>	5
1.2	Overview of OFSAA	5
1.3	Purpose of this Document	6
1.4	Intended Audience	6
1.5	Access to Oracle Support	6
1.6	Related Documents	6
1.7	Conventions and Acronyms	6
2	Oracle Financial Services Regulatory Reporting Data Sets and Governance for Asia Pacific and Middle East Jurisdictions	8
2.1	Prerequisites	9
2.2	Installing OFS REG REP APME 8.11.0.1 Release	9
2.3	Post-installation Steps	10
3	Deploying Configuration Package	12
4	Bugs Fixed in this Release	13
5	Known Issues or Limitations in this Release	15
6	Hardware or Software Technology Stack Details	16
7	Licensing Information	17

1 Preface

This preface provides supporting information for the Oracle Financial Services Regulatory Reporting Data Sets and Governance for Asia Pacific and Middle East Jurisdictions (OFS REG REP APME) Release Notes.

Topics:

- [What is New in This Release for OFS REG REP APME](#)
- [Overview of OFSAA](#)
- [Purpose of this Document](#)
- [Intended Audience](#)
- [Access to Oracle Support](#)
- [Related Documents](#)

1.1 What is New in This Release for OFS REG REP APME

This preface lists new features and changes in OFS REG REP APME release v8.1.1.0.1.

1.1.1 New Features

There are no new features in this release.

For more information about the new features and jurisdiction-specific DG contents in this release, [see the OFS Regulatory Reporting Data Sets and Governance for Asia Pacific and Middle East Jurisdictions \(OFS REG REP APME\) 8.1.1.0.0 User Guide](#).

1.1.2 Deprecated Features

There are no deprecated features in this release.

1.1.3 Desupported Features

There are no desupported features in this release.

1.2 Overview of OFSAA

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 application architecture to enable integrated risk management, performance management, customer insight, and compliance management. OFSAA actively incorporates risk into decision making, enables to achieve 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.

1.3 Purpose of this Document

This document contains release information for Oracle Financial Services Regulatory Reporting Data Sets and Governance for Asia Pacific and Middle East Jurisdictions (OFS REG REP APME).

1.4 Intended Audience

This document is intended for users of Oracle Financial Services Regulatory Reporting Data Sets and Governance for Asia Pacific and Middle East Jurisdictions (OFS REG REP APME).

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 Data Sets and Governance for the Asia Pacific and Middle East Jurisdictions. You can access Oracle documentation online from [OHC](#) Documentation Library:

- *Oracle Financial Services Regulatory Reporting Datasets and Governance for APAC and ME (OFS REG REP APME) User Guide Release 8.1.1.0.0*
- *Oracle Financial Services Data Foundation Installation Manual Release 8.1.1.0.0*
- *Oracle Financial Services AgileREPORTER Installation Manual Release 8.0.9.0.0*
- *Oracle Financial Services 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 Description

Conventions	Description
<p>References to sections or chapters in the manual are displayed in <i>Italics</i>.</p> <p>Screen names are displayed in the following manner: Introduction screen</p> <p>Options and buttons are displayed in Bold.</p> <p>Code related text is displayed in Monospace.</p>	
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 APME	Oracle Financial Services Regulatory Reporting Data Sets and Governance for Asia Pacific and Middle East Jurisdictions.

2 Oracle Financial Services Regulatory Reporting Data Sets and Governance for Asia Pacific and Middle East Jurisdictions

Oracle Financial Services Regulatory Reporting Data Sets and Governance for Asia Pacific and Middle East Jurisdictions (OFS REG REP APME) 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 Lombard's Solution for Regulatory Reporting - AgileREPORTER and has the capability to integrate with any other third-party tools for the end mile reporting forms. 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 the following:

- Providing centralized data storage for risk data through relevant subject areas of the Financial Services Data Foundation (FSDF).
- Providing extracts to interface with any Regulatory Reporting tool – prebuilt with Lombard AgileREPORTER to build necessary template reports to meet the regulatory expectations.
- Accurate Governance capabilities through integrated Data Governance Studio (DGS).

OFS Regulatory Reporting Data Sets and Governance for Asia Pacific and Middle East Jurisdictions (OFS REG REP APME) offers regulatory reporting solutions for the Financial Institutions (FIs) in India, Australia, and Singapore. The present scope of the release in v81100 includes 24 EFS reports of APRA, 50+ Notice MAS610 reports for Singapore, and RCAIII report of RBI for India which have undergone regulatory updates in the recent past and mandatory to be submitted by all FIs in the region.

Additionally, multi-jurisdiction institutions, using these integrated tools, are now able to establish a global regulatory report production platform integrated with a single source of truth and full data lineage no matter where they are situated or how many jurisdictions, they operate in. The OFSAA Data Foundation has all the detailed granular data which are used to aggregate and populate the report cells. This enables seamless drill-down and lineage from cell-level information to the source where the granular data was made available. The standardized classification rules used to derive the aggregated and calculated data are clearly visible.

Patch **32678919** - Oracle Financial Services Regulatory Reporting Data Sets and Governance for Asia Pacific and Middle East Jurisdictions v8.1.1.0.0 One-off Release #1 (8.1.1.0.1) is cumulative of all enhancements and bug fixes done since the v8.1.1.0.0 release.

Topics:

- [Prerequisites](#)
- [Installing OFS REG REP APME 8.1.1.0.1 Release](#)
- [Post-installation Steps](#)
- [Deploying Configuration Package](#)
- [Bugs Fixed in this Release](#)
- [Known Issues or Limitations in this Release](#)

2.1 Prerequisites

The prerequisite software that must be installed for this release are:

- Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) v8.1.1.0.0 plus other prerequisite OFSAAI patches (see *Section 4 Pre-Installation* of [OFSAAI Installation and Configuration Guide](#)) needs to be installed and configured on your machine.
- Apply the OFS AAI patch ID **32530173** in case of Pack-on-Pack v8.1.1.0.0 installation.

NOTE

Do not apply this patch, if you have already applied it as part of another application pack's installation.

- Oracle Financial Services Data Foundation (OFSDf) Application Pack Release v8.1.1.0.0 plus other prerequisite OFSDf patches (see the *section 4.1 Pre-installation Checklist* of [OFSDf Application Pack Installation and Configuration Guide](#) in the [OHC](#) Documentation Library) needs to be installed and configured on your machine.
- Install and configure OFS REG REP APME 8.1.1.0.0.
- Optional if using VermeG AgileReporter for the end mile reporting templates.
 - AgileREPORTER version **20.1.0-b113**
 - AgileREPORTER APRA Template version **v1.17.0-b2971**
 - AgileREPORTER MAS Template version **v2.35.0-b74**
 - AgileREPORTER RBI Template version **v1.25.0**
- 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 information on restarting the services, see the [OFS Analytical Applications Infrastructure Installation and Configuration Guide](#).

2.2 Installing OFS REG REP APME 8.1.1.0.1 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 Infrastructure Services* section in [Oracle Financial Services Advanced Analytical Applications Infrastructure Installation and Configuration Guide](#).

NOTE

Ensure that the **FICSERVER** is up and running.

3. Execute the `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 8.1.1.0.1 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 the `chmod 751 32678919_GENERIC.zip`
6. Execute the `unzip -a <name of the file to be unzipped>`
For example: `unzip -a 32678919_GENERIC.zip`
7. Navigate to the `OFS_REG_REP_APME/bin` directory and execute `./setup.sh`
8. The installation progress can be viewed by periodically refreshing the log file under the `OFS_REG_REP_APME/logs` directory.
9. 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 20 minutes to complete in the Oracle Labs.

2.3 Post-installation Steps

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

1. See the log file in the `/OFS_REG_REP_APME/logs` directory to ensure that there are no errors reported. Contact [My Oracle Support](#) in case of any issues.
2. 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 [OFS Advanced Analytical Applications Infrastructure Installation and Configuration Guide](#).
3. Restart all the OFSAA services.
For more information, see the *Start Infrastructure Services* section in the [OFS Advanced Analytical Applications Infrastructure Installation and Configuration Guide](#).
4. You can deploy a specific report based on the jurisdictions available in OFS REG REP APME application.
For more information, see the OFS REG REP APME User Guide Release v8.1.1.0.0.
5. Execute the following batches to Resave the Derived Entities of APRA after executing the regulatory run:
 - `APRA_<REPORT>_RESAVEDE`
6. Execute the following batches to Refresh the Derived Entities of APRA after executing the regulatory run::
 - `APRA_<REPORT>_REFRESH`

7. Execute the following batches to Resave the Derived Entities of MAS after executing the regulatory run:
 - MAS_<REPORT>_RESAVEDE
 8. Execute the following batches to Refresh the Derived Entities of MAS after executing the regulatory run:
 - MAS_<REPORT>_REFRESH
 9. Execute the following batches to Resave the Derived Entities of RBI after executing the regulatory run:
 - RBI_RCAIII_RESAVEDE
 10. Execute the following batches to Refresh the Derived Entities of RBI after executing the regulatory run:
 - RBI_RCAIII_REFRESH
 11. Hierarchy resave batches are provided as part of 81101 patch. This should be used to resave required hierarchies before running the APRA/MAS/RBI regulatory runs.
 - a. <INFODOM>_APRA_RULE_SEEDED_HIER_RESAVE – To resave APRA related hierarchies defined on seeded dimensions.
 - b. <INFODOM>_APRA_RULE_CUSTOM_HIER_RESAVE – To resave APRA related hierarchies defined on customized dimensions.
 - c. <INFODOM>_MAS_RULE_SEEDED_HIER_RESAVE – To resave MAS related hierarchies defined on seeded dimensions.
 - d. <INFODOM>_MAS_RULE_CUSTOM_HIER_RESAVE – To resave MAS related hierarchies defined on customized dimensions.
 - e. <INFODOM>_RBI_RULE_CUSTOM_HIER_RESAVE – To resave RBI related hierarchies defined on customized dimensions.
 12. Follow the APRA/MAS/RBI RUN Chart for all the task execution for respective jurisdictions.
- The Oracle Financial Services Regulatory Reporting for APAC and ME is now ready for use.

3 Deploying Configuration Package

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

1. There is no change in APRA config package hence OFSAA_REG_REP_APRA_81100.zip that was part of APME 811 release should be used.
2. For MAS and RBI, OFSAA_REG_REP_MAS_81100.zip/ OFSAA_REG_REP_RBI_81100.zip that are bundled inside the Config_Package folder of the APME 81101 installer should be used.
3. To deploy the product configuration on Lombard AgileREPORTER for MAS/RBI using the package OFSAA_REG_REP_MAS_81100.zip/ OFSAA_REG_REP_RBI_81100.zip bundled inside the Config_Package folder of the 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/81100/OFS_REG_REP_APME/Config_Package/  
OFSAA_REG_REP_MAS_81100.zip
```

- c. Activate the configuration with the following command:

```
./config.sh -t OFSAA_REG_REP_APRA_81100 -iv 8.1.1.0.0
```

```
./config.sh -t OFSAA_REG_REP_MAS_81100 -iv 8.1.1.0.0
```

```
./config.sh -t OFSAA_REG_REP_RBI_81100 -iv 8.1.1.0.0
```

- d. Update the Alias with the following command:

```
./config.sh -ea OFSAA_REG_REP_APRA_81100 -iv 8.1.1.0.0 -alias "OFSAA  
APRA DATA SOURCE" -aif  
<LombardAgileREPORTER>/bin/aliasinfo.properties
```

```
./config.sh -ea OFSAA_REG_REP_MAS_81100 -iv 8.1.1.0.0 -alias "OFSAA  
MAS DATA SOURCE" -aif  
<LombardAgileREPORTER>/bin/aliasinfo.properties
```

```
./config.sh -ea OFSAA_REG_REP_RBI_81100 -iv 8.1.1.0.0 -alias "OFSAA  
DATA SOURCE" -aif <LombardAgileREPORTER>/bin/aliasinfo.properties
```

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

4 Bugs Fixed in this Release

The fixed, enhanced, or modified bugs as part of OFS REG REP APME Release 8.1.1.0.1 are as follows.

Bug Number	Bug Description	Change Comments
32799491	REGULATORY DATA EXPORT FEATURE SHOULD USE SAME TABLE STRUCTURE IN UI AND PMF	This addresses the issue that was found in data extract module while exporting using PMF.
32742443	REPORT SUMMARY UI NOT SHOWING DATA OF ALL JURISDICTIONS IN APME	This addresses the issue found in report summary UI that was showing only for one jurisdiction
32742406	DRILL DOWN NOT WORKING FOR THE DES WITH DIM_ACCOUNT IN DATASET	This addresses the issue found in drill down navigating from a DE that had DIM_ACCOUNT referenced.
32663102	REG REPORTING DEPLOYMENT UI NOT DISPLAYING COMMON AFTER DEPLOYMENT	This addresses the issue found in report deployment UI where the common metadata deployed was not displayed.
32668456	APME 811 APRA - DEPLOYMENT DID NOT HAPPEN DUE TO META MODEL NOT PRESENT	This addresses the post installation steps mentioned in APME 811 installation guide.
32689666	APME 811 MAS - DE REFRESH FAILURE	This addresses the issue found while resaving MAS related DEs.
32667321	INTEGRITY CONSTRAINT ERROR IN DIM_REG_REPORT_CELL_RCAIII.SQL IN THE INTEGRATION ENVIRONMENT FOR APME	This addresses the post installation steps mentioned in APME 811 installation guide.
32905549	APME 8.1.1.0.1 RBI RULES TO BE UPDATED IN METADATA MANAGEMENT SCREEN	This addresses the issue of rules not visible under application menu.
32997009	HIERARCHY RESAVE BATCHES FOR APME	This provides hierarchy batches to resave only jurisdiction specific hierarchies, used in rules, and as required to be done before running the regulatory runs.
33041550	APME 81101 DGS BATCH ACCT_MAPPER_INSERT - EXECUTION FAILURE	This addresses the batch failure while executing the ACCT_MAPPER_INSERT DG batch.

Bug Number	Bug Description	Change Comments
33025572	USAGE OF CREDIT LINE SKEY IN BP EXPRESSION NEEDS TO BE CORRECTED	This addresses the incorrect usage of Credit Line Skey in Business Processor expression.

5 Known Issues or Limitations in this Release

The Known Issues or Limitations in this release are:

- Exclude fct_placed_collateral from FSDF Risk Mitigation Data Load Process while executing FSDF_SOURCE_RUN.
- Exclude fct_product_rate_matrix from FSDF_EXE_DATA_LOAD_PROCESS while executing APRA_RUN.
- The following tables are expected to be populated in the absence of a corresponding OFSAA application:
 - FCT_IFRS_ACCOUNT_SUMMARY
 - FCT_FTP_ACCOUNT_SUMMARY
 - FCT_REG_CAP_ACCOUNT_SUMMARY
 - FCT_REG_FTP_ACCOUNT_SUMMARY
 - FCT_REG_ACCT_MITIGANT_MAPPING
 - FCT_MITIGANT_REG_CAPITAL
 - FCT_REG_CAP_ASSET_SOLD_SUMMARY
- Reporting of averages number of facilities & sanctioned limit in Reports ARF743, ARF742_OA and ARF742_OB- The Reporting of averages number of facilities and the sanctioned limit would more aptly reflect the actual average if we exclude accounts that have zero values for these measures. This is different from the calculation of a simple average mathematically, where 0 values are not excluded. Though the instructions sheet does not specifically mention about excluding such accounts from the average calculation, we are excluding these to give these reporting numbers the correct functional meaning. This enhancement is not part of the current release and it will be accommodated in the future release. It will affect the few average reporting cells from reports ARF743, ARF742_OA & ARF742_OB.

6 Hardware or Software Technology Stack Details

The hardware or software combinations required for OFS REG REP APME 8.1.1.0.0 are available at the [OFS Analytical Application Technology Matrix](#).

7 **Licensing Information**

For details on the third-party software tool used, see the [OFSAA Licensing Information User Manual Release 8.1.1.0.0](#).

OFSAA Support

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

Send Us Your Comments

Oracle welcomes your comments and suggestions on the quality and usefulness of this publication. Your input is an important part of the information used for revision.

- 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 or 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.

