Oracle Financial Services Capital Adequacy Application Pack

Installation Guide

Release 8.0.8.3.0

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ORACLE
Financial Services

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OFS Capital Adequacy Application Pack Installation Guide

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Document Control

Version Number	Revision Date	Change Log
01	April 2023	Added pre-installation updates for OFSCAP 8.0.8.3.0 Maintenance Level release.

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1 Preface

This section provides supporting information for the Oracle Financial Services Capital Adequacy (OFS CAP) Installation Guide.

You can find the latest copy of this document in the OHC Documentation Library which includes all the recent additions or revisions (if any) done to date.

Before you begin the installation, ensure that you have access to Oracle Support with the required login credentials to quickly notify us of any issue at any stage.

1.1 Audience

Oracle Financial Services Capital Adequacy (OFS CAP) Applications Pack Installation Guide is intended for administrators and implementation consultants who are responsible for installing and maintaining the application pack components.

1.1.1 Prerequisites for the Audience

The document assumes that you have experience in installing Enterprise components and basic knowledge about the following is recommended.

The following are the expected preparations from the administrator before starting the actual installation:

- Oracle Financial Services Advanced Analytical Applications Infrastructure pack components
- OFSAA Architecture
- UNIX Commands
- Database Concepts
- A Web Server or Web Application Server
- Oracle Data Integrator

1.2 Related Documents

We strive to keep this and all other related documents updated regularly; visit the OHC Documentation Library to download the latest version available there. The list of related documents is provided here:

- OHC Documentation Library for the **OFS Capital Adequacy Application Pack**:
  - *OFS Basel Regulatory Compliance User Guide*
  - *OFS Basel Regulatory Analytics User Guide*
  - *OFS Basel Regulatory Capital Adequacy Admin Guide*
  - *OFS Capital Adequacy Security Guide*
  - *OFS Capital Adequacy Cloning Guide*

- OHC Documentation Library for the **OFS AAAI Application Pack**:
  - *OFS Advanced Analytical Applications Infrastructure (OFS AAAI) Application Pack Installation and Configuration Guide*
  - *OFS Analytical Applications Infrastructure User Guide*
  - *OFS Analytical Applications Infrastructure Administration Guide*
  - *OFS Analytical Applications Infrastructure Environment Check Utility Guide*
- **Additional documents**:
  - OFSAA Licensing User Manual
  - OFS Analytical Applications Infrastructure Security Guide
  - OFS Analytical Applications Technology Matrix
  - OFS Analytical Applications Infrastructure Cloning Guide

1.3 Conventions and Acronyms

Table 1: Conventions and Acronyms

Conventions	Description
Actions are indicated in **Bold**. Command or query is indicated in `Courier New` font.	
OFSAAI	Oracle Financial Services Analytical Applications Infrastructure
OFS AAAI	Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack
OFSCAP	Oracle Financial Services Capital Adequacy Pack
RHEL	Red Hat Enterprise Linux
IR	Minor Release
ML	Maintenance Level
Atomic Schema	Database Schema where the Application Data Model is uploaded.
Config Schema	Database Schema which contains setup-related configurations and metadata.

2 OFS CAP Application Pack Release 8.0.8.3.0

This Maintenance Level (ML) Release of OFS CAP Application Pack includes all enhancements and bug fixes since the OFS CAP Application Pack 8.0.8.3.0 release.

2.1 Pre-Installation Requirements

The pre-installation requirements are as follows:

- The minimum patch set level must be OFS CAP Application Pack version 8.0.8.2.0.

> **NOTE** This ML does not contain the fixes provided as part of CAP one-off patch 8.0.8.0.2 (32210736). In case those fixes are required, please install the patch explicitly over 8.0.8.0.0 before upgrading to 808x version.

- Apply the AAI patches 35113863, and 35134099.

> **NOTE** If the AAI patch 35113863 is already installed in the setup for CAP version 8.0.7.3.0, and the setup was later upgraded to version 8.0.8.2.0, then reinstall the AAI patch 35113863 on the setup before upgrading to version 8.0.8.3.0.

- Ensure that you take a backup of the AAI_APP_B and AAI_APP_PACK_B tables before running the update.
- Run the following updates in the config schema:
  - UPDATE AAI_APP_B SET V_VERSION='8.0.8.2.0' WHERE V_APP_ID IN ('OFS_OREC', 'OFS_ECA', 'OFS_BASEL_IRB', 'OFS_BASEL_BASIC', 'OFS_BASELA');
  - UPDATE AAI_APP_PACK_B SET V_VERSION='8.0.8.2.0' WHERE V_APP_PACK_ID IN ('OFS_CAP_ADQ_PACK');
- If the runs are already executed in the setup, then run the following steps:
  - In config schema, take back up of tables PR2_RULE_QUERY, PR2_RUN_EXECUTION_FILTER and PR2_RUN_EXECUTION_B.
  - Truncate the tables in following order: PR2_RULE_QUERY, PR2_RUN_EXECUTION_FILTER, PR2_RUN_EXECUTION_B.

> **NOTE** To upgrade Java 7 in an existing OFSAA 8.0.8.x.x instance to Java 8, see Appendix P in the Oracle Financial Services Analytical Applications Infrastructure Installation and Configuration Guide.

2.2 Installing OFS CAP 8.0.8.3.0 ML Release

Perform the following instructions to Download, Extract, Install, and Configure this ML Release.

To install this release, follow these steps:

1. Log in to My Oracle Support, and search for patch ID **35105287** under the **Patches and Updates** tab.
2. Download the **OFSCAP 8.0.8.0.0 ML RELEASE #3 (8.0.8.3.0)** archive file and copy it to your OFSAA Server in Binary mode.

> **NOTE** The archive files are different for every Operating System like Solaris, and RHEL, or Oracle Linux.

3. Shut down all the OFSAAI Services.
   For more information. For more information on shutting down the services, see the OFSAAI Installation and Configuration Guide.
4. Login to the OFSAA Server as a non-root user and navigate to the **$FIC_HOME** folder.
5. Assign WRITE permission to the files or folders such as commonscripts, EXEWebService, ficapp, ficweb, and ficdb in the $FIC_HOME folder by executing the command:

   ```
   chmod -R 775 *
   ```

6. If you have Unzip utility, skip to the next step. Download an Unzip utility (OS-specific) and copy it in the Binary mode to the directory that is included in your PATH variable, typically the **$HOME** path or directory in which you have copied the OFSCAP 8.0.8.3.0 Application Pack.

   - Uncompress the unzip installer file using the following command:

     ```
     uncompress <unzip utility filename>
     ```

     > **NOTE** If you notice an error message "uncompress: not found [No such file or directory]" when the package is not installed, contact your UNIX Administrator.

   - Execute the following command to provide EXECUTE permission to the Application Pack file:

     ```
     chmod 751 p35105287_80000_<OperatingSystem>.zip
     ```

7. Extract the contents of the 8.0.8.3.0 ML archive file using either of the following commands:

   ```
   unzip_<os> -a <name of the file to be unzipped>
   ```

   Or

   ```
   unzip -a <name of the file to be unzipped>
   ```

8. Update the UPLOAD_MODEL, MODEL_TYPE, DATAMODEL, and DM_DIRECTORY parameters in the `params.conf` file present in the `OFS_CAP_ADQ_PACK/OFS_CAP_ADQ/conf/` directory as detailed in the file.

   > **NOTE** Set the upload model value to 0, since there is no DM change for this Maintenance Level release.

9. Navigate to the path where the ML installer archive is extracted, and grant EXECUTE permission to the installer file using the following command:

   ```
   chmod 755 OFSAAIUpdate.sh
   ```

10. Execute the following software upgrade command:

    ```
    ./OFSAAIUpdate.sh
    ```

11. Verify that the ML release is applied successfully by checking the `./logs` and `./OFS_CAP_ADQ/logs` folder. You can ignore the ORA-00001 entry in the log file.

12. In case of any error in the log file, contact My Oracle Support.

2.2.1 Post Installation Steps

After a successful installation, perform these steps:

1. Clear the Application Cache. Navigate to the following path depending on the configured Web Application Server and delete the files:

   - **Tomcat**

     ```
     <Tomcat installation directory>/work/Catalina/localhost/<Application name>/org/apache/jsp
     ```

   - **WebLogic**

     ```
     <Weblogic installation location>/domains/<Domain name>/servers/<Server name>/tmp/_WL_user/<Application name>/<auto generated folder>/jsp_servlet
     ```

   - **WebSphere**

     ```
     <Websphere installation directory>/AppServer/profiles/<Profile name>/temp/<Node name>/server1/<Application name>/<.war file name>
     ```

2. Restore the backup of PR2_RULE_QUERY, PR2_RUN_EXECUTION_FILTER and PR2_RUN_EXECUTION_B, tables, for the runs that are already executed for the audit.

3. Back up and delete the existing EAR/WAR file available in the folder **$FIC_HOME/ficweb**.

4. Generate the application EAR or WAR file and redeploy the application onto your configured Web Application Server.

   For more information on creating and deploying WAR files, see the OFSAAI Installation and Configuration Guide.

5. Start all the OFSAAI Services.
   For more information on starting the services, see the OFSAAI Installation and Configuration Guide.

OFSAA Support

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

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- 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 the My Oracle Support.

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