Oracle Financial Services Reconciliation Framework Application Pack

Installation Guide

Release 8.1.0.1.0

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ORACLE
Financial Services

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OFS Reconciliation Framework Application Pack Installation Guide

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Document Control

Version Number	Revision Date	Change Log
1.1	January 2021	Added the mandatory patch 32198124 information in the Installing the OFSAA Reconciliation Framework section.
1.0	October 2020	Created the document for OFS Reconciliation Framework Application Pack 8.1.0.1.0 release.

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1 Preface

This document provides step-by-step instructions to install the Oracle Financial Services Reconciliation Framework Application Pack 8.1.0.1.0 Maintenance Release.

This chapter discusses the following topics:

- Audience
- Related Documents
- Conventions
- Abbreviations

1.1 Audience

The Oracle Financial Services Reconciliation Framework 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
- The web server or web application server
- Oracle Data Integrator

1.2 Related Documents

For more information, see OFSAA Reconciliation Framework Release Pack 8.1.0.1.0 documents available in OHC Documentation Library.

- *OFSAA Reconciliation Framework Release 8.1.0.0.0 User Guide*
- *OFSAA Reconciliation Framework Release 8.1.0.0.0 Installation and Configuration Guide*
- *Oracle Financial Services Analytical Applications Infrastructure User Guide* (OHC Documentation Library).
- *Oracle Financial Services Analytical Applications Infrastructure Installation Guide* (OHC Documentation Library).

1.3 Conventions

The following text conventions are used in this document.

Table 1: Document Conventions

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you need to update specific values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, file names, text that appears on the screen, or text that you enter.
Hyperlink	Hyperlink type indicates links to external websites and internal document links.

1.4 Abbreviations

The following table lists the abbreviations used in this document.

Table 2: Abbreviations

Conventions	Description
Actions are indicated in **Bold**. Command or query is indicated in `Courier New` font.	
AIX	Advanced Interactive eXecutive
OFSAAI	Oracle Financial Services Analytical Applications Infrastructure
OFS AAAI	Oracle Financial Services Advanced Analytical Applications Infrastructure Application 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 OFSAA Reconciliation Framework Application Pack Release 8.1.0.1.0

This Maintenance Release of OFSAA Reconciliation Framework Application Pack includes all enhancements and bug fixes since the OFSAA Reconciliation Framework Application Pack v8.1.0.0.0 Major release.

2.1 Pre-Installation Requirements

The pre-installation requirements in this release of OFSAA Reconciliation Framework are as follows:

- The minimum patch set level must be OFSAA Reconciliation Framework Application Pack v8.1.0.0.0.

> **NOTE** See the OFS Analytical Applications Technology Matrix, for Hardware and Software Requirements.

2.2 Installing the OFSAA Reconciliation Framework

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 **31982868** under the **Patches and Updates** tab.
2. Download the `OFS_DM_8.1.0.1.0_<OS>.zip` archive file and copy it to your OFSAA server in Binary mode.

> **NOTE** The archive files are different for every different operating system like Solaris, and RHEL/Oracle Linux.

3. Shut down all the OFSAAI Services. For more information, see Start and Stop Infrastructure Services.
4. Search and download the mandatory patch **32198124** from My Oracle Support.
5. Log in to My Oracle Support, search for the **33663417** Mandatory Patch in the **Patches & Updates** Tab and download it.

> **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 prior to version 2.15. The application of the **33663417** Mandatory Patch fixes the issue.
>
> For details, see the My Oracle Support Doc ID 2827801.1.

6. Login to the OFSAA server with the same user credentials that were used to install the OFSAA Reconciliation Framework Application Pack.

7. Extract the contents of the OFSAA Reconciliation Framework Application Pack v8.1.0.1.0 in the Download Directory installer archive file using the following command:

   ```
   Unzip –a OFS_DM_8.1.0.1.0_<OS>.zip
   ```

   NOTE Rename or remove the existing OFSAA Application Pack folder from the OFSAA server before extracting the contents from the release archive (.zip). For example: For this release, when extracted from the archive, a folder with the name `OFS_DM_PACK` is created. Rename or remove a folder with the same name if it already exists in the path where the release archive is copied.

8. Give EXECUTE permission to the installer file.
9. Navigate to the path where OFS_DM_8.1.0.1.0_<OS>.zip is extracted and execute the following command:

   ```
   chmod 750 OFSAAIUpdate.sh
   ```

10. Execute the following software upgrade command:

    ```
    ./OFSAAIUpdate.sh
    ```

    Verify that the maintenance level release is applied successfully by checking the following log files generated in the installation folder:

    - `/OFS_DM_PACK/logs` and `/OFS_DM_PACK/OFS_GLRECON/logs` folder.

11. You can ignore the following errors in the log files:

    - ORA-00001, ORA-00955, ORA-02260, ORA-01031, and ORA-01430 errors in the log file.

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

2.2.1 Post Installation Steps

Follow these post-installation steps:

1. After successful installation, perform these steps:
   a. Clear the application cache. Navigate to the following path depending on which web application server is configured and delete the files:
      — **Tomcat**:

      ```
      <Tomcat installation
      folder>/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>
```

- Before creating EAR/WAR copy the file mimepull-1.9.6.jar from `ficweb/webroot/WEB-INF/lib to ficweb/webroot/externalib/WEB-INF/lib` in case of WebSphere.

2. Apply the **33663417** Mandatory Patch.

   See the Readme that is packaged with the patch for further instructions on how to install and apply it.

3. Generate the application EAR or WAR file and redeploy the application onto your configured web application server. For more information, see Create and Deploy the EAR or WAR Files.

4. Apply the mandatory patch **32198124**. See the Readme available with the patch for further instructions on how to install and apply the patch.

> **NOTE** For more information about the patch **32198124**, see the **Categorization of Patches** section in the Oracle Financial Services Analytical Applications Infrastructure Process Modeling Framework Orchestration Guide. The changes in the patch 32191864 is consolidated in the patch 32198124. Hence, it is not required to apply the patch 32191864.

5. Start all the OFSAAI services.

   For more information, see the Start and Stop Infrastructure Services.

OFSAA Support

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

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- Do you need more information? If so, where?
- Are the examples correct? Do you need more examples?
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