Oracle Financial Services Analytical Applications Infrastucture

Installation Guide

Release 8.1.1.4.0
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Oracle Financial Services Analytical Applications Infrastucture Installation Guide, Release 8.1.1.4.0

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1 Preface

This preface provides information for the Oracle Financial Services Analytical Applications Infrastructure (OFS AAI) Installation Guide.

Related Topics

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Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support.

For information, visit:

- My Oracle Support
- Oracle Accessibility Learning and Support - if you are hearing impaired.

Audience

This document is intended for the users installing the OFS AAI Application.

Additional Resources

This section identifies additional resources for the OFS AAI Application. You can access the online documentation for the OFS AAI 8.1.1.0.0 from the Oracle Help Center (OHC).

- OFS Advanced Analytical Applications Infrastructure (OFS AAAI) Application Pack Installation and Configuration Guide
- OFS Analytical Applications Infrastructure Administration Guide
- OFS Analytical Applications Infrastructure Release Notes

To find additional information about how Oracle Financial Services solves real business problems, see our website at www.oracle.com/financialservices.

Conventions Used

The following table lists the conventions used in this guide.

Table 1-1 Conventions Used in this Guide

Convention	Meaning
Italics	• Names of books, chapters, and sections as references • Emphasis
Bold	• The object of an action (menu names, field names, options, button names) in a step-by-step procedure • Commands typed at a prompt • User input
Monospace	• Directories and subdirectories • File names and extensions • Process names • Code sample, including keywords and variables within the text and as separate paragraphs, and user-defined program elements within the text
<Variable>	Substitute input value

Acronyms Used

The following table lists the acronyms used in this guide.

Table 1-2 Conventions Used in this Guide

Conventions	Description
IR	Interim Release
ML	Maintenance Level Release
OFS AAI	Oracle Financial Services Analytical Applications Infrastructure
OHC	Oracle Help Center
RHEL	Red Hat Enterprise Linux
OEL	Oracle Enterprise Linux
OS	Operating System
EAR/WAR	Enterprise Archive or Web Archive
J2EE	Java 2 Enterprise Edition
OTN	Oracle Technology Network
JCE	Java Cryptography Extension
Atomic Schema	Database Schema where the application Data Model is uploaded.
Configuration Schema	Database Schema which contains setup-related configurations and metadata.

2
OFS AAI Release v8.1.1.4.0

OFS Analytical Applications Infrastructure Installation Guide (OFS AAI) Maintenance Level (ML) Release v8.1.1.4.0 includes all the bug fixes and minor enhancements done since the previous GA (General Availability) Release v8.1.1.0.0.

You can install this OFS AAI ML Release on a setup with any Oracle Financial Services Analytical Applications (OFSAA) v8.1.1.0.0 Application Pack.

Pre-installation Requirements

The minimum patch level installed must be OFS AAI Release 8.1.1.0.0.

How to Install this Release

To install this release patch, follow these steps:

1. Log in to My Oracle Support and search for **34941825** under the **Patches & Updates** tab.
2. Download the OFSAA 8.1.1.4.0 OFS AAI ML Release archive file and copy it to your OFSAA Server in **Binary** mode.

   > **Note:**
   >
   > There are different archive files for different Operating Systems such as Solaris SPARC and Linux.

3. Stop all the OFS AAI Services.

   For more information, see the *Stop the Infrastructure Services* section in the Oracle Financial Services Analytical Applications Infrastructure Installation and Configuration Guide.
4. Log in to the OFSAA Server as a non-root user and navigate to the `$FIC_HOME` directory.
5. Assign WRITE permission to the files/directories such as commonscripts, EXEWebService, ficapp, ficweb, and ficdb using the command:

   ```
   chmod -R 775 *
   ```
6. If you have the Unzip utility, skip to the next step. If you do not have the utility, download the OS-specific Unzip utility 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 8.1.1.4.0 ML.
   - Uncompress the unzip installer file using the command:
     `uncompress unzip_<os>.Z`

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

- Give EXECUTE permission to the utility using the command:
  `chmod 751 unzip_<os>`

  For example, `chmod 751 unzip_linux`

7. Extract the contents of the 8.1.1.4.0 ML Archive File using one of the following commands:

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

   OR

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

> **Note:**
>
> The "-a" option is mandatory to unzip the Archive File. For example: For a Linux Operating System, `unzip_linux -a p34941825_81140_linux.zip`

8. Navigate to the path where the folder OFS_AAI exists to give EXECUTE permission to the ML Patch Installer Script using the command:

   ```
   chmod 755 OFSAAIUpdate.sh
   ```

9. Complete the patch upgrade using the command:

   ```
   ./OFSAAIUpdate.sh
   ```

10. Verify if the ML Patch is applied successfully by checking the log file generated in the `OFS_AAI/logs` directory. You can ignore Error Codes ORA-00001, ORA-00955, ORA-01430, and ORA-02292 in the log file.

    For any other error, contact My Oracle Support.

> **Note:**
>
> For an upgrade on Hive Infodom, you may encounter an exception "PL/SQL: ORA-00942: table or view does not exist". You can ignore this error.

11. Post successful installation of the ML, follow these steps:

    - Execute .profile using the following command:
      `. $HOME/.profile`
    - Clear the Application Cache. Navigate to the following path depending on the configured Web Application Server 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>`
- **WebSphere:** `<WebSphere installation directory>/AppServer/profiles/<Profile name>/temp/<Node name>/server1/<Application name>/<.war file name>`

12. Delete the existing EAR/WAR file available in the `$FIC_HOME/ficweb` directory.
13. Generate the application EAR/WAR file and redeploy the application on your configured Web Application Server.

    For more information on generating and deploying the EAR/WAR file, see the *Post Installation Configurations* section in the Oracle Financial Services Analytical Applications Infrastructure Installation and Configuration Guide.
14. Install the OFS AAI Runner package. This is an optional step and applicable only if you have installed Oracle R Enterprise Edition (ORE).

    For more information, see Installing OFS AAI Runner package with enhancements for OFS AAI 8.1.1.4.0.
15. Restart all the OFS AAI Services.

    For more information, see the *Start the Infrastructure Services* section in the Oracle Financial Services Analytical Applications Infrastructure Installation and Configuration Guide.
16. Configure the document upload settings.

    For more information, see the *Configure Document Upload Settings* section in the Oracle Financial Services Analytical Applications Infrastructure Installation and Configuration Guide.

3
Additional Configurations

This section provides information about Additional Configuration steps in OFS AAI.

Installing the OFS AAI Runner Package with Enhancements for OFS AAI 8.1.1.4.0

> **Note:**
>
> This is a post-installation configuration and is applicable if you have installed Oracle R Enterprise (ORE) for the Oracle Financial Services Enterprise Modeling Application.

If OFS Enterprise Modeling is licensed and enabled in your OFSAA Instance, uninstall the OFS AAI Runner Package and reinstall the latest available OFS AAI Runner Package.

For details on uninstallation and reinstallation, see the Install Oracle R distribution and Oracle R Enterprise (ORE) section in the Oracle Financial Services Analytical Applications Infrastructure Installation and Configuration Guide.