

Oracle Financial Services Analytical Applications Infrastructure

Oracle Financial Services Analytical Applications Infrastructure Installation Guide



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Contents

1	About OFS AAI Maintenance Level Releases	
	Pre-installation Requirements	1
2	New Installation of OFS AAI 8.1.2.0.0 with Oracle AI Database 26ai	
3	How to Install this Release	

Revision History

This log lists significant documentation updates:

Revision Date	Details
July 2026	The first version.

Preface

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

Related Topics

- [Audience](#)
- [Access to Oracle Support](#)
- [Additional Resources](#)
- [Conventions Used](#)

Audience

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

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.

Additional Resources

This section identifies additional resources for the OFS AAI Application. You can access the online documentation for the OFS AAI 8.1.2.0.0 from the [Oracle Help Center \(OHC\)](#).

- [OFS Advanced Analytical Applications Infrastructure \(OFS AAI\) 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 Conventions Used in this Guide

Convention	Meaning
Italics	• Names of books, chapters, and sections as references • Emphasis

Table (Cont.) Conventions Used in this Guide

Convention	Meaning
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

About OFS AAI Maintenance Level Releases

OFS Analytical Applications Infrastructure (OFS AAI) Maintenance Level (ML) Release v8.1.2.6.0 includes all the bug fixes and minor enhancements done since the previous GA (General Availability) Release v8.1.2.0.0.

You can install this OFS AAI ML Release on a setup with any Oracle Financial Services Analytical Applications (OFS AAI) v8.1.2.0.0 Application Pack.

Note

- Before you apply the OFS AAI 8.1.2.6.0 ML, contact [My Oracle Support](#) to ascertain the compatibility of the OFSAA applications in the OFSAA instance. **If an application is not listed in the Compatibility Matrix or if any dependent application version is listed as TBD in the Compatibility Matrix, contact Support before applying OFS AAI 8.1.2.6.0 ML.**
- You must plan the tech stack upgrade along with the AAI 8.1.2.6. ML upgrade. If the tech stack is not upgraded during the AAI 8.1.2.6. ML upgrade, it cannot be upgraded independently afterward and can only be upgraded as part of the next ML upgrade (AAI 8.1.2.7).

Pre-installation Requirements

- The minimum patch level installed must be OFS AAI Release 8.1.2.0.0.
- Ensure that the unlimited cryptographic policy for Java is enabled during the installation of OFS AAI 8.1.2.0.0. For more information, see the **Enabling Unlimited Cryptographic Policy** section in the [OFS Analytical Applications Infrastructure Administration Guide](#).
- It is mandatory to install the OFSAAI 8.1.2.6.0 ML only with Java 8, Java 11, along with Java 17 which enables support for applications built on both the legacy Javax and the Jakarta EE architectures.

Oracle Database 26ai Server and Client Support

The OFSAA 8.1.2.x.x release supports Oracle Database 26ai in addition to the continued support on Oracle Database 19c.

Note

The **Oracle Database 26ai Server Configuration** section applies to upgrade installation of OFS AAI and the **New Installation of OFS AAI 8.1.2.0.0 with Oracle AI Database 26ai** section applies to new installation of OFS AAI.

Oracle Database 26ai Server Configuration

To configure the Oracle AI Database 26ai server if the OFS AAI version is 8.1.2.x.x, follow these prerequisite steps:

1. Stop all the OFS AAI services. For more information, see the **Starting/Stopping Infrastructure Services** section in the [Oracle Financial Services Analytical Applications Infrastructure Installation & Configuration Guide 8.1.2.0.0](#).
2. Back up the `tnsnames.ora` file from the existing OFSAA Processing Tier `$ORACLE_HOME` directory.
3. Upgrade the existing Oracle AI Database 19c server to the Oracle AI Database 26ai server.
If there are challenges in the upgrade, configure a new instance of the Oracle AI Database 26ai server and follow these steps:
 - a. Ensure to restore all the schemas from the Oracle AI Database 19c instance to the 26ai instance using the Oracle DB Data Pump feature.
 - b. Modify the `.profile` file of the OFSAA Processing Tier for the `ORACLE_SID` environment variable to the Oracle AI Database 26ai PDB (Pluggable Database) Service Name.
 - c. Modify the `JDBC URL` of the new Oracle AI Database 26ai Server using the Portc utility. See the [Oracle Financial Services Analytical Applications Infrastructure 8.1.2.0.0 User Guide](#) for details.

Oracle AI Database 26ai Client Configuration

To configure the Oracle AI Database 26ai Client if the OFS AAI version is 8.1.2.x.x, follow these prerequisite steps:

1. Install the Oracle AI Database 26ai Client on the OFSAA Processing Tier.
2. Modify the `.profile` file of the OFSAA Processing Tier for the `$ORACLE_HOME` environment variable to point to the Oracle AI Database 26ai Client home directory.
3. Modify the `tnsnames.ora` file to point to the new Oracle AI Database 26ai instance.

2

New Installation of OFS AAI 8.1.2.0.0 with Oracle AI Database 26ai

Follow the instructions in the OFSAAI Installation and Configuration Guide 8.1.2.0.0.

Click [here](#) to access the OFSAAI Installation and Configuration Guide 8.1.2.0.0

After the installation, upgrade to OFS AAI 8.1.2.6.0.

3

How to Install this Release

Steps to install OFSAAI Maintenance release:

To install this release patch:

1. Log in to <https://support.oracle.com/> (MOS).
2. Click inside the search bar (under "How can we help you today?") and select Patches and Product Certification Matrix.
3. On the **Patch Search** dialog, enter **38681161**.
4. Download the OFSAA 8.1.2.6.0 OFS AAI ML Release archive file and copy it to your OFSAA Server in **Binary** mode.
5. Stop all the OFSAAI Services.

For more information, see the *Stop the Infrastructure Services* section in the [Oracle Financial Services Analytical Applications Infrastructure Installation and Configuration Guide](#).

6. Log in to the OFSAA Server as a non-root user and navigate to the `$FIC_HOME` directory.
7. Assign WRITE permission to the files/directories such as commonscripts, EXEWebService, ficapp, ficweb, and ficdb using the command:

```
chmod -R 775 *
```

8. 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 8.1.2.6.0 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`

9. Extract the contents of the 8.1.2.6.0 ML Archive File using one of the following commands:
 - `unzip_<os> -a p38681161_81260_linux.zip`
 - `unzip -a p38681161_81260_linux.zip`

Note

The “-a” option is mandatory to unzip the Archive File. For example: For a Linux Operating System, `unzip_linux -a p38681161_81260_linux.zip`

10. Navigate to the path where the folder OFS_AAI exists and give permission as below:

```
chmod -R 755 OFS_AAI
```

11. Edit `params.conf` and set `WEBSERVER_TYPE` to Tomcat, WebLogic, or WebSphere, and the corresponding `WEBSERVER_VERSION` as applicable.

- Possible values for `WEBSERVER_TYPE` are `WEBLOGIC` || `TOMCAT` || `WEBSPHERE`
`WEBSERVER_TYPE=WEBLOGIC`
- Possible values for `WEBSERVER_VERSION` are `14.1.1`, `14.1.2`, `15.1.1` || `9.0.107`, `10.1.48` || `9.0.5.23` `WEBSERVER_VERSION=15.1.1`
- In above example, `WEBSERVER_TYPE` and `WEBSERVER_VERSION` are user input parameters.

Note

In the above configuration, Tomcat for example can support 9.0.x for Java 8 11 and 17 and, 10.1.x on Java 17; Similarly for WebLogic can support 12.2.1.x for Java 8, 14.1.1.x for Java 11, 14.1.2.x and 15.1.1.x for Java 17. Finally Websphere can support on 9.0.5.x for Java 8, where x is the latest released version.

12. Complete the patch upgrade using the command:

```
./OFSAAIUpdate.sh
```

13. 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 Infodomain, you may encounter an exception `PL/SQL: ORA-00942: table or view does not exist`. You can ignore this error.

14. After completing the installation, 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>

15. Delete the existing EAR/WAR file available in the \$FIC_HOME/ficweb directory.
16. 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](#).

17. 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](#).

18. 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](#).

19. Configure the document upload settings.

For more information, see the *Configure Document Upload Settings* section in the [Oracle Financial Services Analytical Applications Infrastructure Administration and Configuration Guide](#).