# Oracle Insurance Allocation Manager for Enterprise Profitability

## Installation Guide

## Release 8.0.8.1.0

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Oracle Insurance Allocation Manager for Enterprise Profitability

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# Document Control

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# 1 Introduction

This document provides step-by-step instructions to install the Oracle Insurance Allocation Manager for Enterprise Profitability Application Pack  Maintenance Release (ML) 8.0.8.1.0. This ML release of PFT-I can be installed on a setup with Oracle Insurance Allocation Manager for Enterprise Profitability Pack 8.0.8.1.0.

PFT-I Application Pack 8.0.8.1.0 ML includes all the bug fixes and minor enhancement done since the previous General Availability (GA) release, it is 8.0.8.0.0.

## 1.1 Abbreviations

| Abbreviation | Meaning |
|---|---|
| AIX | Advanced Interactive eXecutive |
| BDP | Big Data Processing |
| DBA | Database Administrator |
| DDL | Data Definition Language |
| DEFQ | Data Entry Forms and Queries |
| DML | Data Manipulation Language |
| EAR | Enterprise Archive |
| EJB | Enterprise JavaBeans |
| ERM | Enterprise Resource Management |
| FTP | File Transfer Protocol |
| GUI | Graphical User Interface |
| HDFS | Hadoop Distributed File System |
| HTTPS | Hypertext Transfer Protocol Secure |
| J2C | J2EE Connector |
| J2EE | Java 2 Enterprise Edition |
| JDBC | Java Database Connectivity |
| JDK | Java Development Kit |
| JNDI | Java Naming and Directory Interface |
| JRE | Java Runtime Environment |
| JVM | Java Virtual Machine |
| LDAP | Lightweight Directory Access Control |
| LHS | Left Hand Side |
| MFA | Multi-Factor Authentication |

| Abbreviation | Meaning |
|---|---|
| MOS | My Oracle Support |
| OBIEE | Oracle Business Intelligence Enterprise Edition |
| OFSAAI | Oracle Financial Services Analytical Application Infrastructure |
| OHC | Oracle Help Center |
| OLAP | On-Line Analytical Processing |
| OLH | Oracle Loader on Hadoop |
| ORAAH | Oracle R Advanced Analytics for Hadoop |
| OS | Operating System |
| RAM | Random Access Memory |
| RDBMS | Relational Database Management System |
| SFTP | Secure File Transfer Protocol |
| SID | System Identifier |
| SSL | Secure Sockets Layer |
| TDE | Transparent Data Encryption |
| TNS | Transparent Network Substrate |
| URL | Uniform Resource Locator |
| VM | Virtual Machine |
| WAR | Web Archive |
| XML | Extensible Markup Language |

## 1.2 Related Documents

This section identifies additional documents related to Oracle Insurance Allocation Manager Application Pack 8.0.8.1.0. You can access Oracle documentation online from the Documentation Library (OHC).

- Oracle Insurance Allocation Manager for Enterprise Profitability Release Notes 8.0.8.1.0
- Oracle Insurance Allocation Manager for Enterprise Profitability User Guide

# 2 Installing Oracle Insurance Allocation Manager Application Pack 8.0.8.1.0 Maintenance Release

## 2.1 Prerequisites

The following are the prerequisites for applying the Oracle Insurance Allocation Manager 8.0.8.1.0 maintenance release:

- Oracle Insurance Allocation Manager Application pack minimum patch level 8.0.8.0.0
- OFSAAI one-off patch 8.0.8.0.2 (Bug 29952285)
- The Erwin Data Model for Oracle Insurance Allocation Manager Application Pack v 8.0.8.1.0 has been released with patch number 30423214. Download this patch if you want to customize the data model and/or merge it with another data model.

## 2.2 Applying Oracle Insurance Allocation Manager Application Pack 8.0.8.1.0 Maintenance Release

To download, extract, install, and configure this maintenance release:

1. Log into https://support.oracle.com and search for Patch number 30271941 under the Patches & Updates tab.
2. Download the Oracle Insurance Allocation Manager Application Pack Maintenance Level Release v8.0.8.1.0 archive file and copy it to your OFSAA server in Binary mode.

> **NOTE** There are different archives files for different operating systems such as AIX, Solaris, and Oracle Linux.

3. Shutdown all OFSAAI services. For more information, see Start/Stop Infrastructure Services section in the Oracle Insurance Allocation Manager for Enterprise Profitability Installation and Configuration Guide 8.0.8.0.0.
4. 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.

5. Log into the OFSAA server with the user credentials that were used to install PFT-I.
6. Give EXECUTE permission to the file using the following command:

   ```
   chmod 755 OFS_PFT_INS_8.0.8.1.0_<OS>.zip
   ```

7. Extract the contents of the Oracle Insurance Allocation Manager Application Pack 8.0.8.1.0 in the Download Directory installer archive file using the following command:

   ```
   unzip –a OFS_PFT_INS_8.0.8.1.0_<OS>.zip
   ```

> **NOTE** The above "-a" option is mandatory to unzip the archive file. For example: For AIX operating system.
>
> unzip -a OFS_PFT_INS_8.0.8.1.0_AIX.zip

8. Modify params.conf file present in the `OFS_PFT_INS_PACK/OFS_PFT_INS/conf` and update the parameter UPLOAD_MODEL=1.

Update the values for other parameters as applicable.

9. Give EXECUTE permission to the installer file. Navigate to: OFS_PFT_INS_PACK and execute the following commands:

   ```
   chmod 755 OFSAAIUpdate.sh
   ```

10. Trigger the installation by executing the following command:

    ```
    ./OFSAAIUpdate.sh
    ```

11. Verify if the maintenance level release is applied successfully by checking the log files generated in the installation folder as mentioned below:

    - OFS_PFT_INS_PACK/OFS_PFT_INS/logs/OFS_PFT_INS_patch_installation.log - for Application Pack installation log file.
    - <FTPSHARE PATH>/logs - for Model upload log file.

    You can ignore the following errors in the log files:

    - ORA-00001

    If there are any other errors, contact Oracle Support.

12. After successful installation, follow these steps:

    Clear the application cache. Navigate to the following paths 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>/<auto generated folder>/jsp_servlet
    - WebSpehere: <Websphere installation directory>/AppServer/profiles/<Profile name>/temp/<Node name>/server1/<Application name>/<.war file name>

13. Delete the existing EAR/WAR file available in the folder $FIC_HOME/ficweb.
14. Generate the application EAR/WAR file and redeploy the application onto your configured web application server. For more information on generating and deploying EAR / WAR file, see the Post Installation Configuration section in the Oracle Insurance Allocation Manager for Enterprise Profitability Installation and Configuration Guide 8.0.8.0.0.
15. After successful installation of the release, restart all OFSAAI services. For more information, see the Start/ Stop Infrastructure Services section in the Oracle Insurance Allocation Manager for Enterprise Profitability Installation and Configuration Guide 8.0.8.0.0.