

# Oracle® Insurance Accounting Analyzer Extension Pack Installation Guide



Release 8.1.2.3.0

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# 1

## Preface

This section provides supporting information for the Oracle Insurance Accounting Analyzer Extension Pack 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 [My Oracle Support](#) with the required login credentials to quickly notify us of any issues at any stage.

### 1.1 Intended Audience

The Oracle Insurance Accounting Analyzer Extension Pack Installation Guide is intended for administrators, business users, strategists, data analysts, and implementation consultants who handle installing and maintaining the application pack components.

This document assumes that you have experience installing enterprise components and basic knowledge of the following:

- Oracle Insurance Accounting Analyzer Extension Pack Components
- OFSAA Architecture
- UNIX Commands
- Database Concepts
- The Web Server or Web Application Server

### 1.2 Related Documents

You can access the following online documents from the Oracle Help Center (OHC) Documentation Library for the [Oracle Insurance Accounting Analyzer Extension Pack Application](#) :

- Oracle Insurance Accounting Analyzer Extension Pack Release Notes
- Oracle Insurance Accounting Analyzer Extension Pack Installation Guide
- Oracle Insurance Accounting Analyzer Extension Pack User Guide

[OHC Documentation Library](#) for Oracle Insurance Accounting Analyzer :

You can access the OFS AAI documentation online from the OHC Documentation Library for [Oracle Financial Services Analytical Applications Infrastructure](#):

- Oracle Financial Services Analytical Applications Infrastructure Installation and Configuration Guide
- Oracle Financial Services Analytical Applications Infrastructure User Guide

The additional documents are:

- [OFSAA Licensing Information User Manual Version 8.1.2.0.0](#)

- [OFS Analytical Applications Infrastructure Security Guide](#)
- [OFS Analytical Applications 8.1.x Technology Matrix](#)
- [Oracle Insurance Accounting Analyzer Extension Pack Security Guide Release 8.1.x](#)
- [Oracle Insurance Accounting Analyzer Extension Pack Cloning Guide Release 8.1.x](#)

## 1.3 Conventions

The following text conventions are used in this document.

**Table 1-1 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 1-2 Abbreviations**

| Abbreviation | Meaning                            |
|--------------|------------------------------------|
| DBA          | Database Administrator             |
| DDL          | Data Definition Language           |
| DEFQ         | Data Entry Forms and Queries       |
| DML          | Data Manipulation Language         |
| EAR          | Enterprise Archive                 |
| EJB          | Enterprise JavaBean                |
| ERM          | Enterprise Resource Management     |
| FTP          | File Transfer Protocol             |
| HDFS         | Hadoop Distributed File System     |
| HTTPS        | Hypertext Transfer Protocol Secure |
| J2C          | J2EE Connector                     |
| J2EE         | Java 2 Enterprise Edition          |
| JCE          | Java Cryptography Extension        |
| JDBC         | Java Database Connectivity         |

Table 1-2 (Cont.) Abbreviations

| Abbreviation | Meaning  |
|--------------|--|
| JDK          | Java Development Kit   |
| JNDI         | Java Naming and Directory Interface  |
| JRE          | Java Runtime Environment   |
| JVM          | Java Virtual Machine   |
| LDAP         | Lightweight Directory Access Protocol  |
| LHS          | Left Hand Side   |
| MFA          | Multi-Factor Authentication  |
| MOS          | My Oracle Support  |
| OFSAA        | Oracle Financial Services Analytical Applications  |
| OFSAAI       | Oracle Financial Services Analytical Application Infrastructure                            |
| OFSAAAI      | Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack |
| OFS IIAEP    | Oracle Financial Services Insurance Accounting Analyzer Extension Pack                     |
| OHC          | Oracle Help Center   |
| OLAP         | On-Line Analytical Processing  |
| OLH          | Oracle Loader for Hadoop   |
| ORAAH        | Oracle R Advanced Analytics for Hadoop   |
| OS           | Operating System   |
| RAM          | Random Access Memory   |
| RDBMS        | Relational Database Management System  |
| RHEL         | Red Hat Enterprise Linux   |
| SFTP         | Secure File Transfer Protocol  |
| SID          | System Identifier  |
| SSL          | Secure Sockets Layer   |
| TNS          | Transparent Network Substrate  |
| URL          | Uniform Resource Locator   |
| VM           | Virtual Machine  |
| WAR          | Web Archive  |
| XML          | Extensible Markup Language   |

# 2

## Introduction to Oracle Insurance Accounting Analyzer Extension Pack

Oracle Insurance Accounting Analyzer Extension Pack enables insurers to perform a detailed and granular analysis of change in their Insurance Contract Liabilities based on Cash-Flow Sources and actuarial-analysis steps specific to them.

Insurers will benefit from the management insights that they will derive from the detailed and granular analysis of change.

Additionally, insurers will find it easier to source the data from their upstream actuarial applications and perform more granular downstream Subledger Accounting.

# 3

## Oracle Insurance Accounting Analyzer Extension Pack (OFS IAAEP) Release 8.1.2.3.0

### Pre Installation Requirements

The prerequisites are as follows:

- It is mandatory to install the Oracle Insurance Accounting Analyzer (OFS IAA) Application before installing this application. For information on how to install the Oracle Insurance Accounting Analyzer Application, see the [Oracle Insurance Accounting Analyzer Installation Guide](#).
- The minimum prerequisite towards this is IAAEP 8.1.2.0.0 .

### 3.1 Installing this Major Release

To install this Major Release, perform the following steps:

1. Login to [My Oracle Support](#) and search for **35517444** under the **Patches & Updates** tab.
2. Download the installer archive and copy it (in Binary mode) to the download directory that exists in the Oracle Insurance Accounting Analyzer Installation setup.
3. Download the *OFS\_IAAEP 8.1.2.3.0* archive file and copy it to your OFSAA Server in Binary mode. Stop all the OFSAAI Services. For more information, see the Start/Stop Infrastructure Services section in [Oracle Insurance IFRS 17 Pack Installation Guide Release 8.1.2.0.0](#).
4. Login to the OFSAA Server as a non-root user and navigate to the \$FIC\_HOME folder.
5. Assign WRITE permission to the file/folders such as common scripts, EXEWebService, ficapp, and ficweb, and find them in the \$FIC\_HOME folder by executing the command:  

```
chmod -R 775 *
```
6. If you have to Unzip utility, skip to the next step or download the Unzip utility (OS-specific) 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 8.1.2.3.0 release.
  - Uncompress the unzip installer file using the command:  

```
uncompress unzip_<os>.Z
```

#### 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.

7. Extract the contents of the 8.1.2.3.0 archive file by using either of the following commands:



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

8. Give EXECUTE permission to the utility by using the command:  

```
chmod 751 unzip_<os>
```
9. Navigate to the `OFS_IAAEP/appsLibConfig/conf` directory.
10. The OFS IAA Extension Pack does not require the Data Model upload, hence, accordingly, specify the value for the Data Model in the `Silent.props` file.
11. In the `params.conf` file, in the `IAAEP8123/appsLibConfig/conf/` path, set the upload model to 0.
12. Execute the `setup.sh` without giving any of the parameters that are available in the `<Installer Unzipped Folder>/OFS_IAAEP/bin` file.
13. Verify if the application is applied successfully by checking the `OFS_IAAEP_installation.log` files generated in `OFS_IAAEP/logs` directories.
14. After successful installation, perform the following steps:
  - 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. Back up the existing EAR/WAR files that are available in the folder `$FIC_HOME/ficweb`, and then delete them before creating the new EAR/WAR files.
16. Generate the application EAR/WAR file and redeploy the application onto your configured Web Application Server. For more information on generating and deploying the EAR/ WAR file, see [Create and Deploy the EAR or WAR Files in OFS AAI Release 8.1.2.3.0 Installation and Configuration Guide](#).
17. Restart all the OFSAAI Services. For more information, refer to the [Start/Stop Infrastructure Services section in OFS AAI Release 8.1.2.0.0 Installation and Configuration Guide](#).

## 3.2 Post Installation Steps

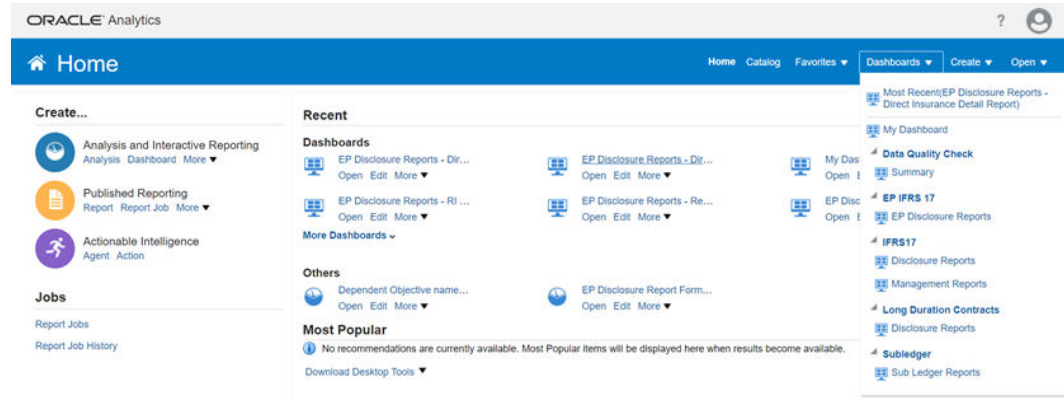
### Editing Global Variables for OBIEE or OAS

To edit the global variables for OBIEE, in this release of the Oracle Insurance Accounting Analyzer Extension Pack Application, follow these steps:

1. Deploy the RPD. For more information, see the **OBIEE Configuration - Deploy OFS IIA Analytics** section in the [Release 8.1.2.0.0 Oracle Insurance Accounting Analyzer Installation Guide](#).
  - a. Ensure that you navigate to the RPD and Catalog folders available in the following directories. Copy the RPD and required Catalog files (as per the license agreement) to the server where the BI client tools are installed:
  - b. The `$FIC_HOME/IAAEPBI/OBIEE 12.2.1.4.0/Repository` directory contains the `EP_IFRS17.rpd`.

- c. The \$FIC\_HOME/IAAEPBI/OBIEE 12.2.1.4.0/Catalog directory contains the EP\_IFRS17.catalog.
2. Host the RPD in the server where you have configured OBIEE or OAS and Catalog for the Oracle Insurance Accounting Analyzer Application as part of this release.
3. Log in to OBIEE or OAS by using the URL format (http://<ipaddress>:<port>/analytics) to open the Home page.

**Figure 3-1 The Analytics Home Page**



4. In the **Dashboards** drop-down list, click **EPDisclosureReports** to open the dashboard. For detailed information on the EP IFRS 17 Reports, see the Oracle Insurance Accounting Analyzer Extension Pack Reports on [MOS](#).
5. Click **Edit** on any of the reports to open the Settings window.
6. In the **Criteria** tab, in the **SelectedColumns** pane, click the **OnerousClassificationCode**.
7. Click **Settings** to open the settings submenu.
8. Click **Edit Formula** to open the **Edit Column Formula** window.
9. In the Variables drop-down list, select **Global...** to open the **InsertGlobalVariable** window.
10. Select the Global Variable that you want to edit, and then click **EditGlobalVariable**.
11. Edit a global variable with the following details:

**Table 3-1 Required Values for the Global Variable**

| Field | Value to be added   |
|-------|---|
| Name  | denomination  |
| Type  | Text  |
| Value | case when '{@denomination}{In Thousand}' = 'In Thousand' then 1000 when '{@denomination}{In Thousand}' = 'In Million' then 1000000 else 1 end |

This variable is used to divide all amount values by thousand or million, depending on the selected criteria.

12. Click **OK**, and then click **OK** again to save.