

# **Oracle Insurance Accounting Analyzer Extension Pack**

## **Installation Guide**

**Release 8.1.2.2.0**

**May 2023**

**ORACLE**  
Financial Services

## Oracle Insurance Accounting Analyzer Extension Pack Installation Guide

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# Document Control

Version Number	Revision Date	Change Log
1	May 2023	Created the document with instructions for the installation of the Oracle Insurance Accounting Analyzer Release 8.1.2.2.0.

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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.

## Topics:

- [Intended Audience](#)
- [Related Documents](#)
- [Conventions](#)
- [Abbreviations](#)

## 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

We strive to keep this document and all other related documents updated regularly. Visit the [OHC Documentation Library](#) to download the latest version available. The list of related documents is provided here:

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

For existing customers of Oracle Insurance Accounting Analyzer:

- *OFS Insurance Accounting Analyzer Installation Guide*
- *OFS Insurance Accounting Analyzer User Guide*
- [OHC Documentation Library](#) for Oracle Insurance Accounting Analyzer Extension Pack:
  - *OFS Insurance Accounting Analyzer Extension Pack 8.1.2.0.0 Release Notes*
  - *OFS Insurance Accounting Analyzer Extension Pack 8.1.2.0.0 Installation Guide*

- *OFS Insurance Accounting Analyzer 8.1.2.0.0 User Guide*
- **OHC Documentation Library for OFS AAAI Application Pack:**
  - *OFS Advanced Analytical Applications Infrastructure (OFS AAAI) Application Pack Installation and Configuration Guide*
  - *OFS Analytical Applications Infrastructure User Guide*
  - *OFS Analytical Applications Infrastructure Administration Guide*
  - *Oracle Financial Services Analytical Applications Infrastructure Environment Check Utility Guide*
- **Additional Reference Documents:**
  - [OFSAA Licensing User Manual, Release 8.1.2.1.0](#)
  - [OFS Analytical Applications 8.1.x Technology Matrix](#)
  - [OFS Analytical Applications Infrastructure Security Guide](#)
  - [Oracle Insurance Accounting Analyzer Security Guides Release 8.1.x](#)
  - [Oracle Financial Services Analytical Applications Infrastructure Cloning Guide](#)
  - [Oracle Insurance Accounting Analyzer Cloning Guide release 8.0.x](#)
  - [Oracle Insurance Accounting Analyzer Cloning Guide Release 8.1.x](#)
  - [OFSAAI FAQ Document](#)
  - Oracle Financial Services Data Foundation Technical Documents (MOS Doc ID: [2450653.1](#)). See the relevant version of the metadata sheet available in the MOS document (For CAS, see T2T Metadata Staging, and for SCD components, see SCD Metadata sheet).

## 1.3 Conventions

The following text conventions are used in this document.

**Table 1: Document Conventions**

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action or terms defined in text or the glossary.
<i>italic</i>	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.
<a href="#">Hyperlink</a>	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**

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
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
OFSA	Oracle Financial Services Analytical Applications
OFSAI	Oracle Financial Services Analytical Application Infrastructure
OFSAAI	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

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Abbreviation	Meaning
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 8.1.2.2.0

### 3.1 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 and OFS IAA Release v8.1.2.2.0.

For more information on the OFS AAI requirements, see OFS Advanced Analytical Applications Infrastructure Application Pack 8.1.2.2.0 Release Notes in [OHC Documentation Library](#).

### 3.2 Installing this Major Release

To install this Major Release, perform the following steps:

1. Login to [My Oracle Support](#) and search for **35134259** 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 8.1.2.2.0* 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 8.1.2.2.0 major 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 8.1.2.2.0 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_IIAEP/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 `IAAEP8122/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_IIAEP/bin` file.
13. Verify if the application is applied successfully by checking the `OFS_IIAEP_installation.log` files generated in `OFS_IIAEP/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 8.1.2.2.0 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.

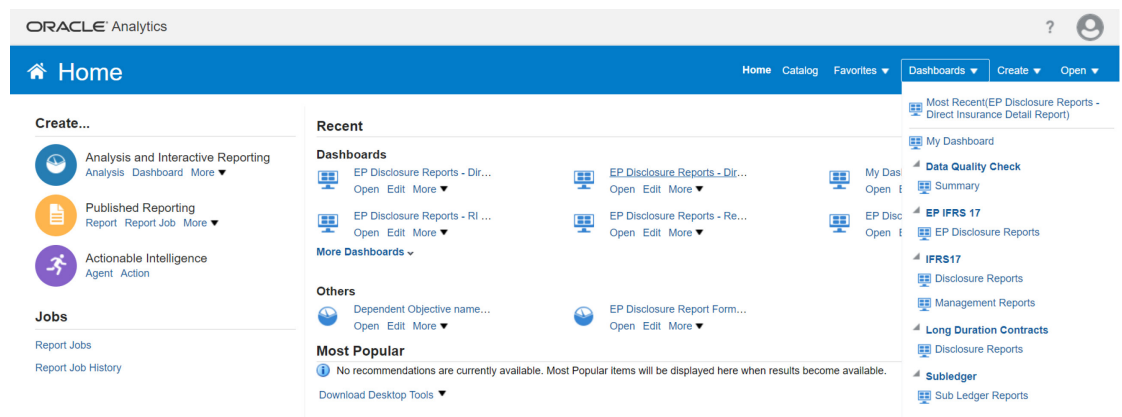
## Post Installation Steps


### 3.2.1 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 1: The Analytics Home Page



4. In the **Dashboards** drop-down list, click **EP Disclosure Reports** 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 **Selected Columns** pane, click the **Onerous Classification Code**.
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 **Insert Global Variable** window.
10. Select the Global Variable that you want to edit, and then click **Edit Global Variable**



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**11. Edit a global variable with the following details:****Table 3: 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.**

## OFSAA Support

Raise a Service Request (SR) in [My Oracle Support \(MOS\)](#) for queries related to the OFSAA Applications.

## Send Us Your Comments

Oracle welcomes your comments and suggestions on the quality and usefulness of this publication. Your input is an important part of the information used for revision.

- Did you find any errors?
- Is the information clearly presented?
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