Oracle® Insurance Accounting Analyzer Pack
Installation Guide

Release 8.1.2.10.0
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Oracle Insurance Accounting Analyzer Pack Installation Guide, Release 8.1.2.10.0

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About This Guide

This guide provides information to complete the installation tasks of the Oracle Insurance Accounting Analyzer Application.

Audience

This document is intended for users of the Oracle Insurance Accounting Analyzer Application.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Related Resources

See these Oracle resources:

- Oracle Insurance Accounting Analyzer Application

- Oracle Financial Services Analytical Applications Infrastructure

- 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

Conventions

The following text conventions are used in this document.

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 supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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Introduction to Oracle Insurance Accounting Analyzer

IFRS17 is an international norm that supersedes the current reporting standards, IFRS 4. The new standards provide the users of financial statements with a new perspective on the financial accounts of insurance companies.

Overview

Insurance companies need to identify the risks that arise from the insurance contracts along with the calculation of assets and liabilities. IFRS 4 was introduced in March 2004 and was intended to provide limited improvements to accounting for insurance contracts. IFRS 4 permitted companies to continue previous accounting practices for insurance contracts but did enhance the disclosure requirements.

IFRS17 standards, released in May 2017, supersede the current reporting standards IFRS 4 on accounting for insurance contracts and have an effective date of 1 January 2021. The new standards provide users of financial statements with a new perspective on the financial accounts of insurance companies. IFRS 17 introduces an approach that tackles some challenges in accounting for insurance contracts currently addressed inconsistently when a company applies IFRS 4.

- IFRS 17 provides updated information about the obligations, risks, and performance of insurance contracts.

- Increases transparency in financial information reported by insurance companies, which will give investors and analysts more confidence in understanding the insurance industry.

- Introduces consistent accounting for all insurance contracts based on a Current Measurement Model.

Why Oracle Insurance Accounting Analyzer?

Oracle Insurance Accounting Analyzer application follows the Accounting standards diligently and enables insurance companies to adhere to the disclosure requirements as proposed under Accounting, along with an ability to compute Contractual Service Margin and Net Liabilities.

IFRS 17 requires Insurance companies to have consistent accounting standards for the Insurance contracts which ensure timely recognition of losses in the book of accounts. Insurance companies are required to identify and report the Fulfillment Cash Flows and Contractual Service Margin at every reporting date, based on the current market conditions. Oracle Insurance Accounting Analyzer Application helps organizations in arriving at insurance obligations (Insurance Contract liabilities reported on the balance sheet), using different methodologies for a set of portfolios, by assessing the net liability for every insurance contract.

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Oracle Insurance Accounting Analyzer (OFS IIA) Release 8.1.2.10.0

Oracle Insurance Accounting Analyzer v8.1.2.10.0 Maintenance Level (ML) release includes all the bug fixes and minor enhancements since the previous release v8.1.2.9.0.

Pre-Installation Requirements

The prerequisites are as follows:

- For fresh installation, release v8.1.2.10.0 can be installed on top of release v8.1.2.0.0.

- OFS AAI 8.1.2.5.0 must be installed.

- For upgrade, release v8.1.2.x (including 8.1.2.x patches) onwards is supported. For more information on upgrading, see the Release 8.1.2.0.0 Oracle Insurance Accounting Analyzer Installation Guide.

- The minimum patch set level must be 8.1.2.0.0.

- If OFS IAA v 8.1.2.4.0 or v8.1.2.5.0 is not installed, then the following mandatory step must be performed in the System Administrator Database:
grant create any job to <ATOMIC_USER>;

  grant execute on DBMS_SCHEDULER to <ATOMIC_USER>;

  grant manage scheduler to <ATOMIC_USER>;

  grant execute on SYS.DBMS_LOCK to <ATOMIC_USER>

- Download and install the OFS AAI patch 37876070, after installing IAA 8125.

For more information on the OFS AAI requirements, see OFS Advanced Analytical Applications Infrastructure Application Pack 8.1.2.0.0 Release Notes in OHC Documentation Library.

Installing this Maintenance Level Release

Oracle Linux 9 Server Support

The OFS AAI 8.1.2.10.x release supports Oracle Linux 9 Server in addition to the continued support on Oracle Linux 8 and Oracle Linux 7.

> ⓘ **Note**
>
> The Oracle Linux 9 Server Configuration section applies to upgrade installation of OFS AAI and the New Installation of OFS AAI 8.1.2.0.0 with Oracle Linux 9 Server section applies to new installation of OFS AAI.

New Installation of OFS AAI 8.1.2.0.0 with Oracle Linux 9 Server: To install the OFS AAI 8.1.2.0.0 base installer with Oracle Linux 9 Server, follow the instructions in the My Oracle Support Doc ID 3067623.1 and then upgrade to OFS AAI 8.1.2.5.0.

Installing this Maintenance Level Release

To install this Maintenance Level Release, follow these steps:

> ⓘ **Note**
>
> If you want to install OFS IAA and OIP in the same environment, please contact OFSAA Support via My Oracle Support.

1. Login to My Oracle Support and search for **38753773** under the **Patches & Updates** tab.

2. Download the latest Erwin data model **38409216** patch.

3. Download the *OFSAA 8.1.2.10.0 IAA* 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, and RHEL/OEL.

4. 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.

5. Login to the OFSAA Server as a non-root user and navigate to the $FIC_HOME folder.

6. 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 *`

7. 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 8.1.2.10.0 ML.

   • 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.

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

9. Extract the contents of the 8.1.2.10.0 ML archive file by using either of the following commands:
   `unzip <name of the file to be unzipped>`

10. Update the configuration file params.conf file present in the OFS_IIA_PACK/appsLibConfig/conf folder before triggering the installation. The update instructions are present in this file itself.

In case of customized Data Model Upload, then update the params.conf file present in the `OFS_IIA_PACK/appsLibConfig/conf` folder accordingly.

11. Give EXECUTE permission to the ML Patch Installer Script. Navigate to the `OFS_ AAI` directoryand execute the command:
`chmod 755 OFSAAIUpdate.sh`

12. Execute the following command:
`./OFSAAIUpdate.sh`

13. Verify if the ML is applied successfully by checking the log files generated in `OFS_IIA_ PACK/OFS_IIA/logs` directories. You must also verify the Data Model logs, the path can be found in the `silent.props` file of the release v8.1.2.0.0 file. You can ignore ORA-00001 and ORA-02292 in the log file. In case of any other errors, contact [My Oracle Support](#).

14. After successful installation of the ML, perform the following steps:

    • Clear the Application Cache. Navigate to the following path depending on the configured Web Application Server and delete the files.

        a. **Tomcat:** `<Tomcat installation folder>/work/Catalina/localhost/ <Application name>/org/apache/jsp`

        b. **Weblogic:** `<Weblogic installation location>/domains/<Domain name>/ servers/<Server name>/tmp/_WL_user/<Application name>`

        c. **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 folder `$FIC_HOME/ficweb`.

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 8.1.2.0.0 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.

18. Optionally, in case of a performance issue, enable partioning by navigating to **<Installer Path>/OFS_IIA_PACK/OFS_IIA/bin/scripts/atomic/create** then execute the **PARTITION_SCRIPT.sql** file by using **@PARTITION_SCRIPT.sql** in the Atomic Schema. If you are facing any issue related to the primary keys unique index of the**FCT_INS_ACST_REP_LINE_DEP** table being invalid after rerunning a reports job and also when the **FCT_INS_ACST_REP_LINE_DEP** table is partitioned by using the **PARTITION_SCRIPT.sql** (mentioned in the above step), then perform the steps mentioned in the document **Partitioned_Table_Index_Issue.docx** on the [MOS](#) page to overcome the issue.

    For enabling partitioning, you require the license for Oracle Database Partioning.
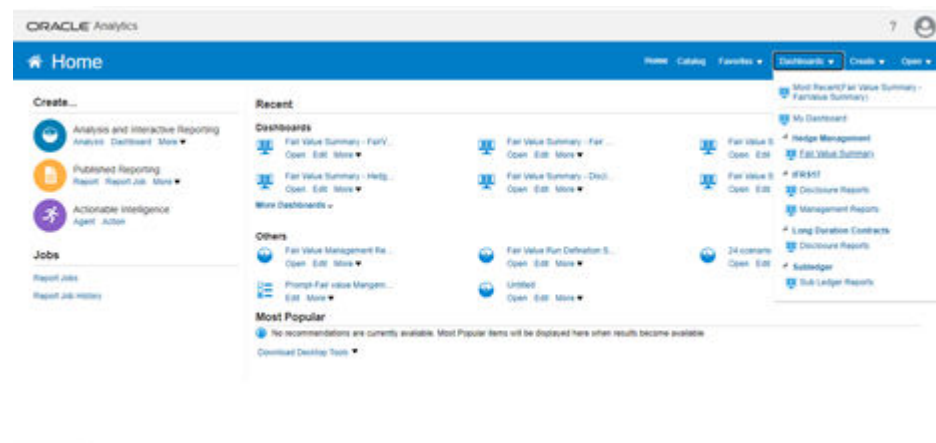
Post Installation Configurations

This section provides information on the post-installation configurations.

Editing Global Variables for OBIEE or OAS

To edit the global variables for OBIEE, in this release of the Oracle Insurance Accounting Analyzer application, follow these steps:
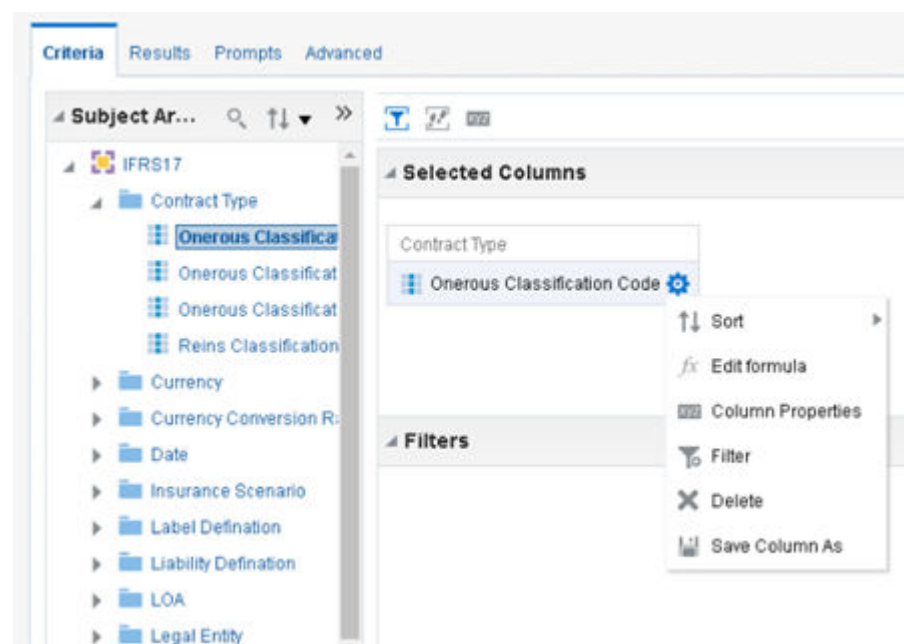
1. Deploy the RPD. For more information, see the **OBIEE Configuration - Deploy OFS IIA Analytics** section in the Release 8.1.2.0.0 Oracle Insurance Accounting Analyzer Installation Guide.

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.

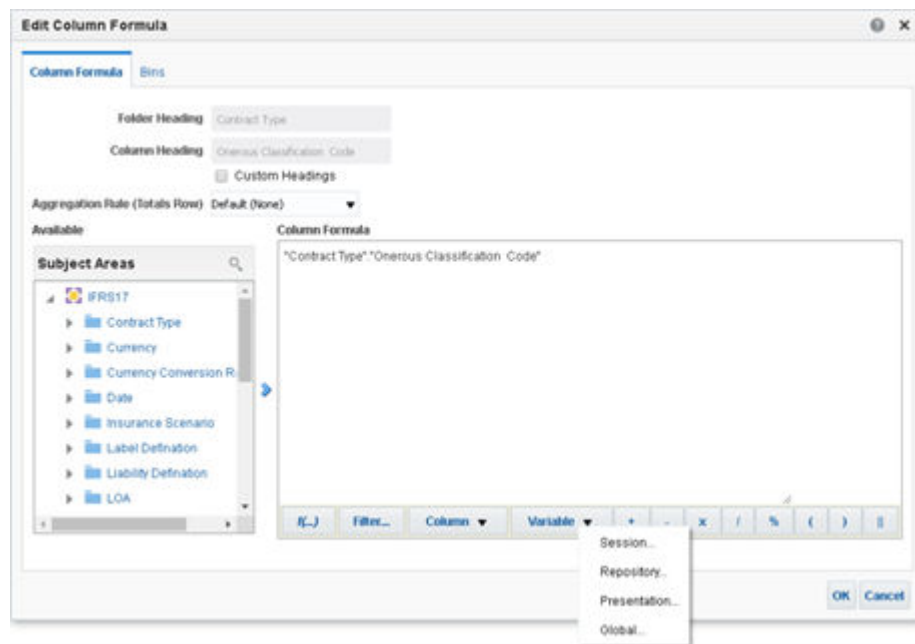**Figure 3-1   The Analytics Home Page**

4. In the **Dashboards** drop-down list, click **Disclosure Reports** to open the dashboard.

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.

Figure 3-2   The Settings icon adjacent to the Onerous Classification Code

8. Click **Edit** Formula to open the **Edit Column Formula** window.

Figure 3-3   The Edit Column Formula

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**.

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.