Oracle® Insurance Accounting Analyzer Extension Pack

User Guide

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Oracle Insurance Accounting Analyzer Extension Pack User Guide, Release 8.1.2.3.0

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About the Guide

This section provides release information for the Oracle Insurance Accounting Analyzer Extension Pack Application

1.1 Intended Audience

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

1.2 Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info

1.3 Related Information Sources

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

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

1.4 About Oracle Financial Services Analytical Applications (OFSAA)

In turbulent markets today, financial institutions require a better understanding of their risk-return while strengthening their competitive advantage and enhancing long-term customer value. Oracle Financial Services Analytical Applications (OFSAA) enable financial institutions to measure and meet risk-adjusted performance objectives, cultivate a risk management culture through transparency, lower the costs of compliance and regulation, and improve insight into customer behavior.

OFSAA uses industry-leading analytical methods, shared data models, and application architecture to enable integrated risk management, performance management, customer insight, and compliance management. OFSAA actively incorporates risk into decision-making, enables you to achieve a consistent view of performance, promotes a transparent risk management culture, and provides pervasive intelligence.

Oracle Financial Services Analytical Applications delivers a comprehensive, integrated suite of financial services analytical applications for both banking and insurance domains.

1.5 About Oracle Financial Services Analytical Applications Infrastructure (OFS AAI)

Oracle Financial Services Analytical Applications Infrastructure (OFS AAI) powers the Oracle Financial Services Analytical Applications family of products to perform the processing, categorizing, selection, and manipulation of data and information required to analyze, understand and report on specific performance, risk, compliance, and customer insight issues by providing a strong foundation for the entire family of Oracle Financial Services Analytical Applications across the domains of Risk, Performance, Compliance, and Customer Insight.

1.6 About Oracle Insurance Accounting Analyzer Extension Pack Application

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.

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

2

Understanding Oracle Insurance Accounting Analyzer Extension Pack

This section provides information and the functional flow of the Application.

2.1 Logging in to the Oracle Insurance Accounting Analyzer Extension Pack Application

To log in to the Oracle Insurance Accounting Analyzer Extension Pack Application, perform the following steps:

1. Access the Oracle Insurance Accounting Analyzer Extension Pack Application by using the login credentials (User ID and Password) provided and select the preferred language to navigate. The built-in security system ensures that you are only permitted to access the window and actions based on the authorization.
2. After logging in to the OFSAA Home screen, the landing page is displayed.
   Use the information provided in the following table to set the application preferences.

Table 2-1 The Application Preferences

Field	Description
User Menu	The following options are available in this drop-down: • Preferences • About • Change Password • Log Out.
Application	Click this icon to view all the applications installed in your environment.
Language	This menu displays the language you selected in the OFSAA Login window. The language options displayed in the Language Menu are based on the language packs installed in your OFSAA instance. Using this menu, you can change the language at any point in time.
Administration	Click this icon to navigate to the Administration window. The Administration window displays modules such as: • Translation Tools • Object Administration • Utilities.
Last Failed Login Date & Time	Click this icon to view the details of the last login and the last failed login.

Table 2-1 (Cont.) The Application Preferences

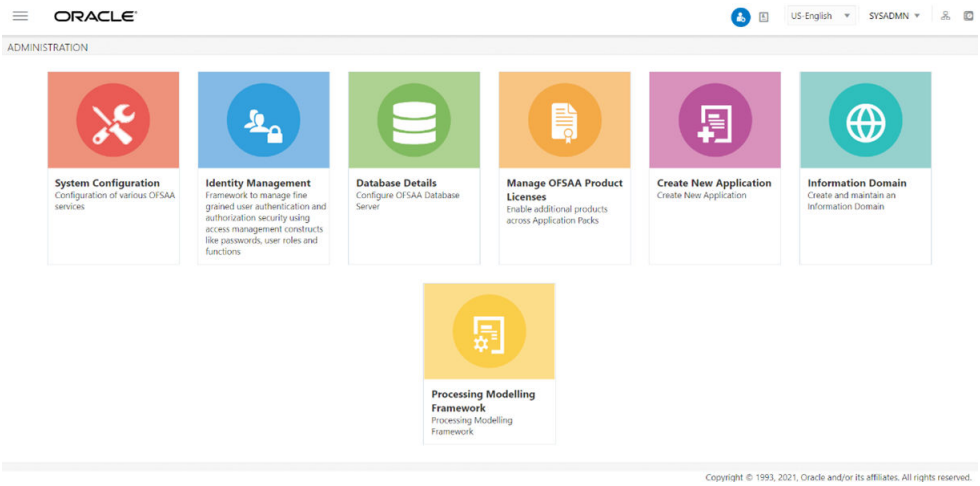
Field	Description
Object Administration	Object Administration is an integral part of the infrastructure and facilitates system administrators to define the security framework. See the OFS Advanced Analytics Infrastructure User Guide for details.
Common Object Maintenance	Common Object Maintenance is an integral part of the infrastructure system and facilitates system administrators to define the security framework with the capacity to restrict access to the data and metadata in the warehouse, based on a flexible, fine-grained access control mechanism. See the OFS Advanced Analytics Infrastructure User Guide for details.

2.2 Mapping the User Groups

Before configuring the Calculation Preference templates, you must map the users' groups:

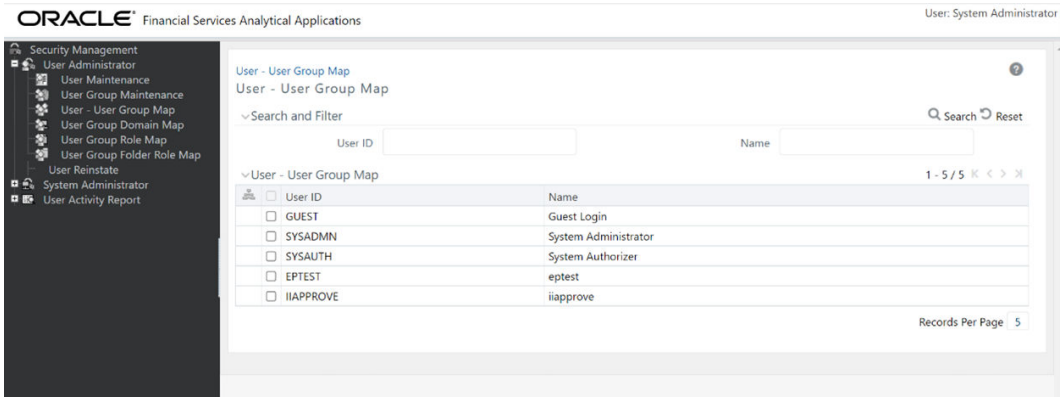
1. Log in as a System Administrator.
2. On the landing page, select **Identity Management**.

Figure 2-1 The Landing Page



3. Click **User – User Group Map** from the LHS menu to open the **User – User Group Map** page.

Figure 2-2 The User – User Group Map Page



4. Map the desired users to the **IAAEP Application Analyst Group** and **IAAEP Application Admin Group.** For more information on User – User Group Mapping, see the **User-User Group Map** section in the OFS Advanced Analytics Infrastructure User Guide.
5. Log in as a System Authorizer.
6. Navigate to **Identity Management**, click **User Group Authorization,** and authorize the user groups.

3

Oracle Insurance Accounting Analyzer Extension Pack Workflow

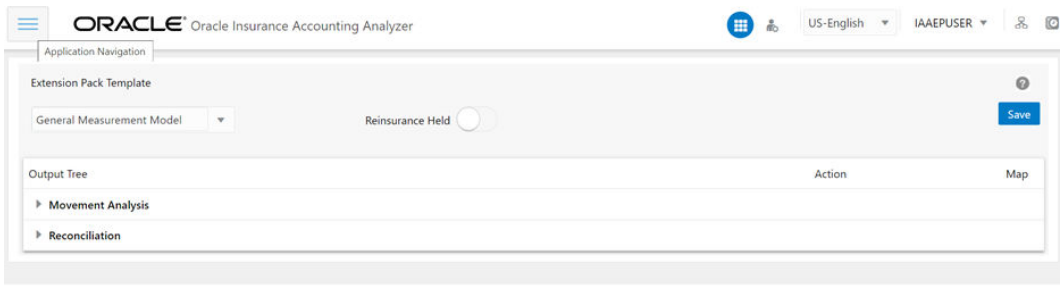
This chapter provides the functional as well as a business overview of the Oracle Insurance Accounting Analyzer Extension Pack workflow.

3.1 Calculation Preference Configuration

Perform the following steps to configure the Calculation Preference Templates:

1. From the Oracle Insurance Accounting Analyzer Extension Pack Landing page, select **Oracle Insurance Accounting Analyzer** on the OFSAA landing page, and then select **Calculation Preference Configuration** to open the **Extension Pack Template** page.

Figure 3-1



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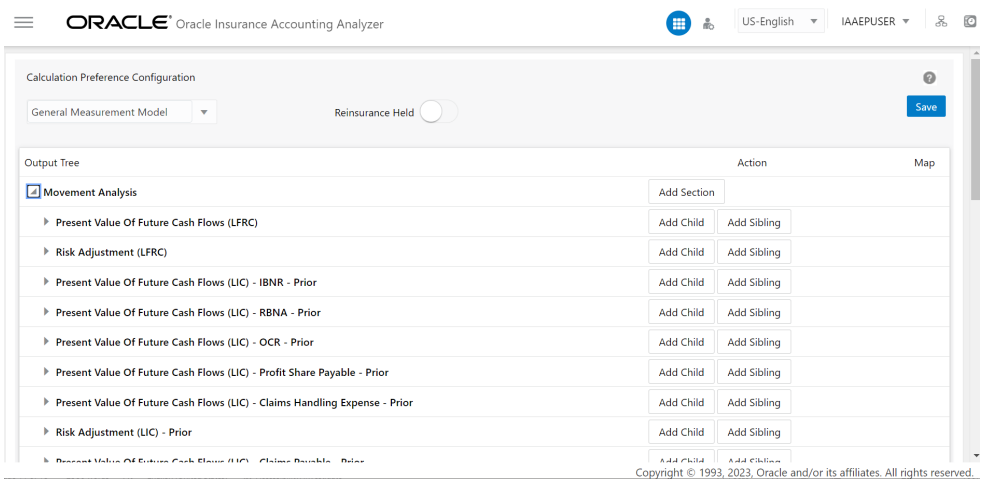
2. Select a calculation method from the drop-down list. The available options are:
   - General Measurement Model (GMM)
   - Premium Allocation Approach (PAA)
   - Variable Fee Approach (VFA)

> **Note:**
>
> The **Reinsurance Held** slider is only available for the GMM and PAA methods.

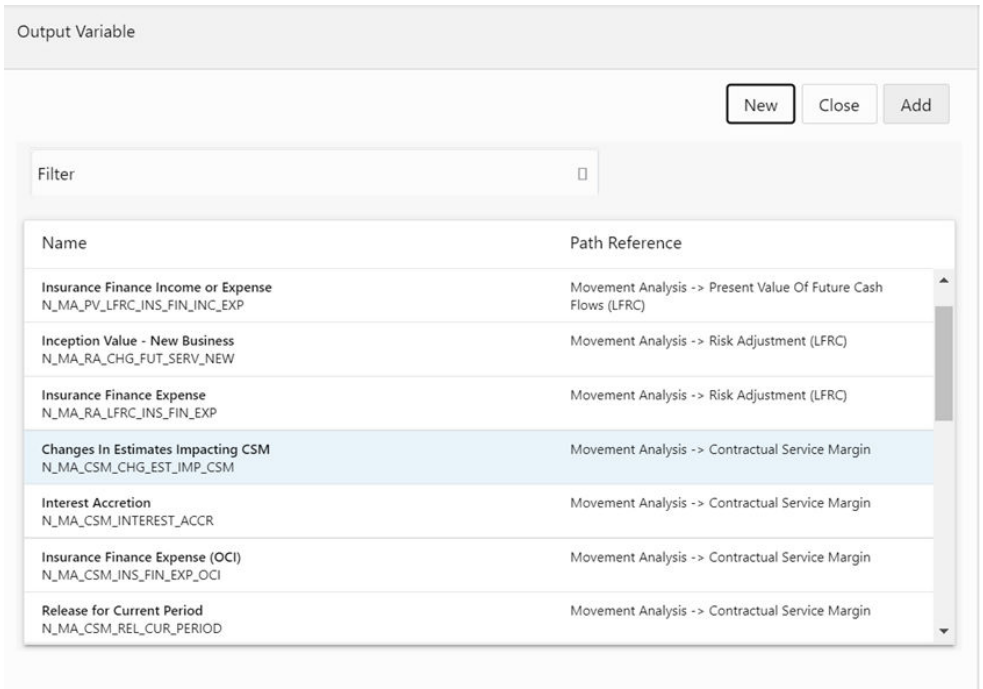
3. In the **Output Tree** pane, click the arrow icons to expand or collapse the Output Parameters.

Figure 3-2 The Extension Pack Template Page



4. Click the **Add Child** or the **Add Sibling** button adjacent to an Output Parameter to add an Output Variable as a child or as a sibling respectively. The **Output Variable** window appears.

Figure 3-3 The Output Variable Window



a. In the **Filter** field, enter a value, for example, **Insurance**, to filter the Output Variables.

b. Click the **New** button to open the window for creating a new Output Variable.

Figure 3-4 The Window for Creating a New Output Variable if the Reinsurance Held slider is enabled

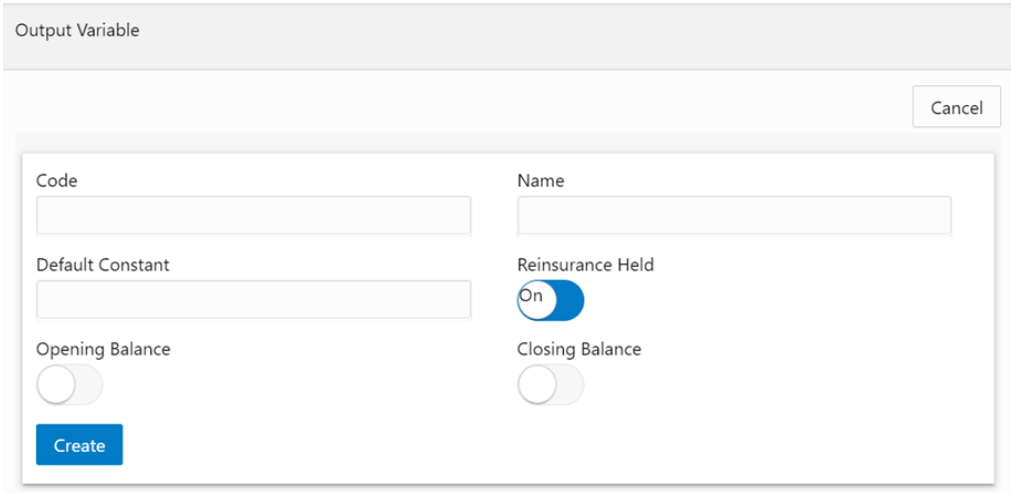
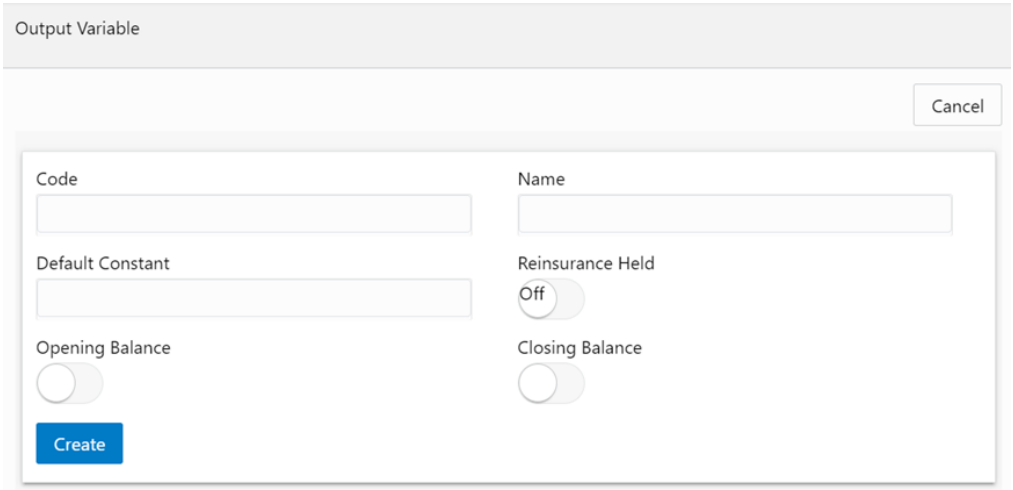


Figure 3-5 The Window for Creating a New Output Variable if the Reinsurance Held slider is not enabled



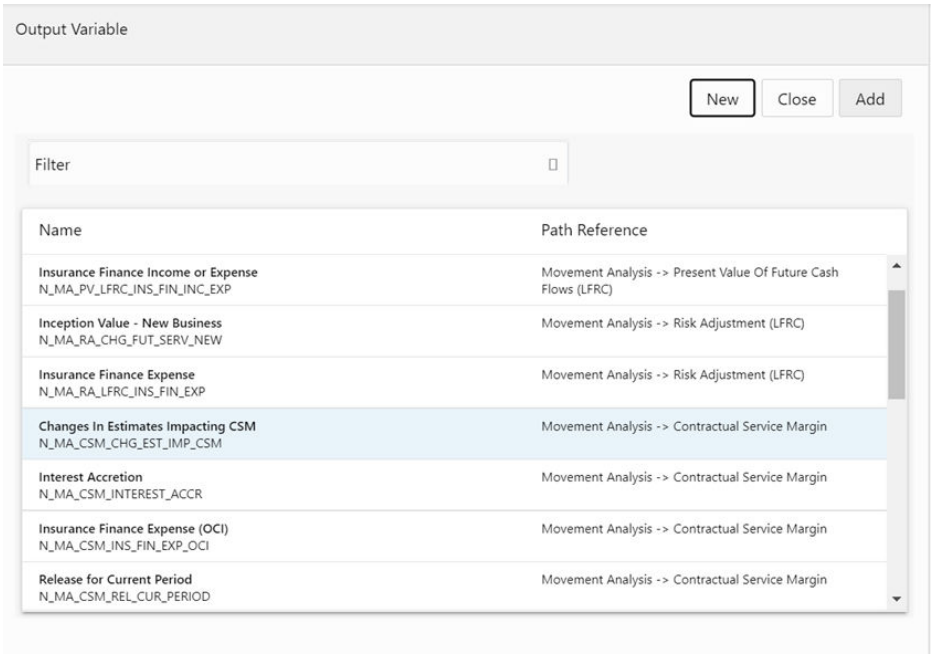
c. Enter values in the following fields:

- **Code**: Enter a code for the Output Variable.
- **Name**: Enter a name for the Output Variable.
- **Default Constant:** Enter a default constant for the Output Variable.
- **Reinsurance Held:** This button is *On* if the **Reinsurance Held** slider was enabled on the **Calculation Preference Configuration** page. if the **Reinsurance Held** slider was disabled on the **Calculation Preference Configuration** page, then this button will be *Off*.
- **Opening Balance:** Click the slider to enable the Opening Balance Feature.
- **Closing Balance:** Click the slider to enable the Closing Balance Feature.

d. Click **Create**.

5. To add an existing Output Variable as a child or sibling:
   a. Click the **Add Child** or **Add Sibling** buttons to open the Output Variable window.

Figure 3-6 The Output Variable Window



   b. Select the desired Output Variable and then click **Add**. The Output Variable is added as a child or sibling to the Output Tree.
6. All Closing Balances must have an Opening Balance mapped to it. Click the **Map Opening Balance** icon in the **Map** column to map an Opening Balance to a Closing Balance.
7. Additionally, click the **Delete Node** button adjacent to the required node to delete it.
8. Click **Save** to save the changes.

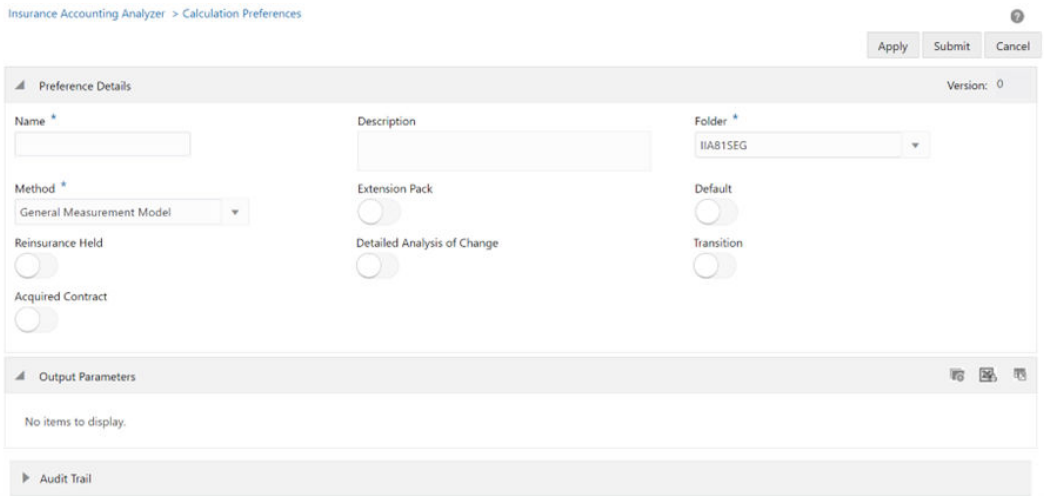
3.2 Calculation Preference Definition

Perform the following steps to create a new Calculation Preference Definition by using a new Output Variable:

> **Note:**
>
> You must complete mapping the financial element and transaction type to the Cash Flow type as part of the process for calculating the Input Variables. For more information, see **Dimension Management** and **Batch Execution** in the Oracle Insurance Accounting Analyzer User Guide.

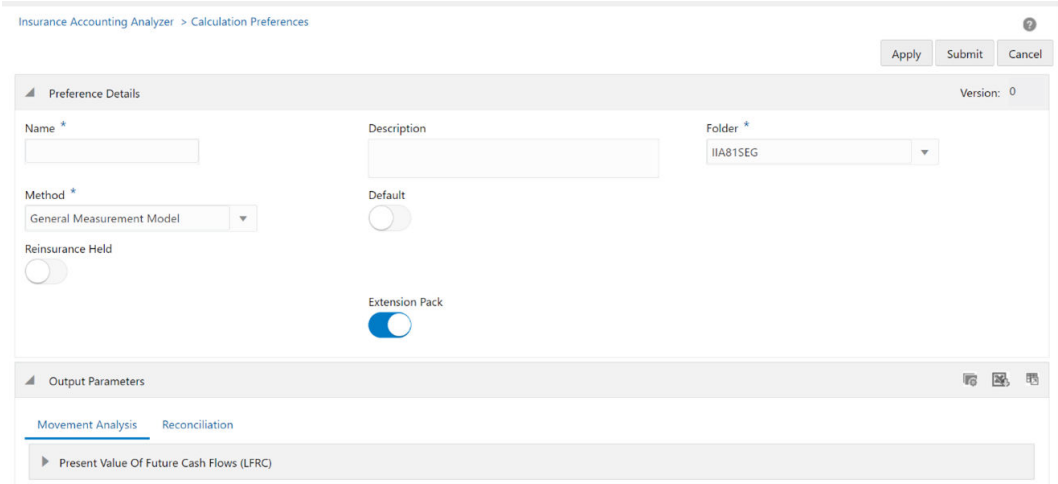
1. In the **Calculation Preference** window, click **Add** to open the **Calculation Preferences** window.

Figure 3-7 The Calculation Preferences Window



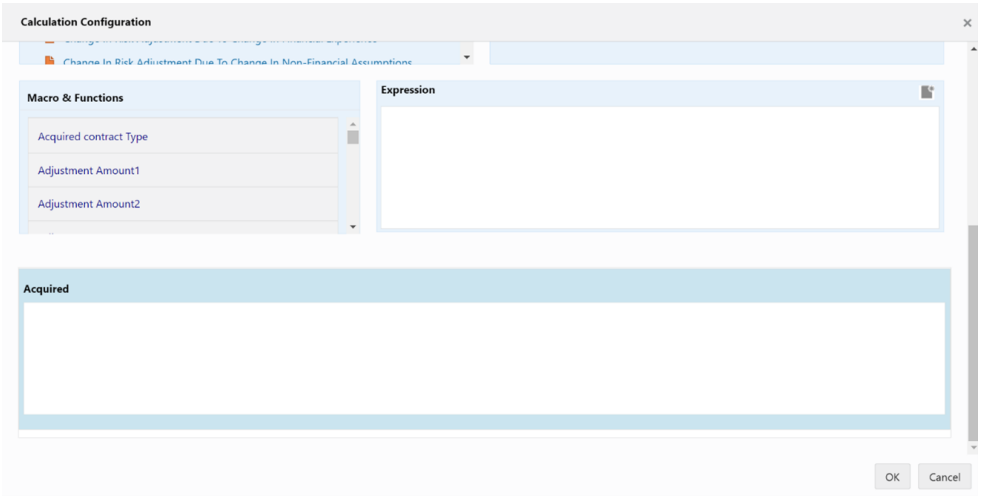
2. Click the **Extension Pack** slider to use the new Output Variables that were created on the **Extension Pack Template** page. When this feature is enabled, the **Detailed Analysis of Change**, **Transition, Acquired Contract**, and **Disaggregate Insurance Finance Expense** sliders are disabled.

Figure 3-8 The Calculation Preferences Window with the Extension Pack slider enabled



3. Perform the steps mentioned in the **Create a New Calculation Preferences Definition** section in the Oracle Insurance Accounting Analyzer User Guide. The **Acquired** field in the **CalculationConfiguration** window is available for Extension Pack. For each approach, you can give an Expression in a single Template. Click the **Acquired** field and then select the required Input Parameters from the list to populate the Acquired field pane.

Figure 3-9 The Acquired field in the Calculation Configuration Window

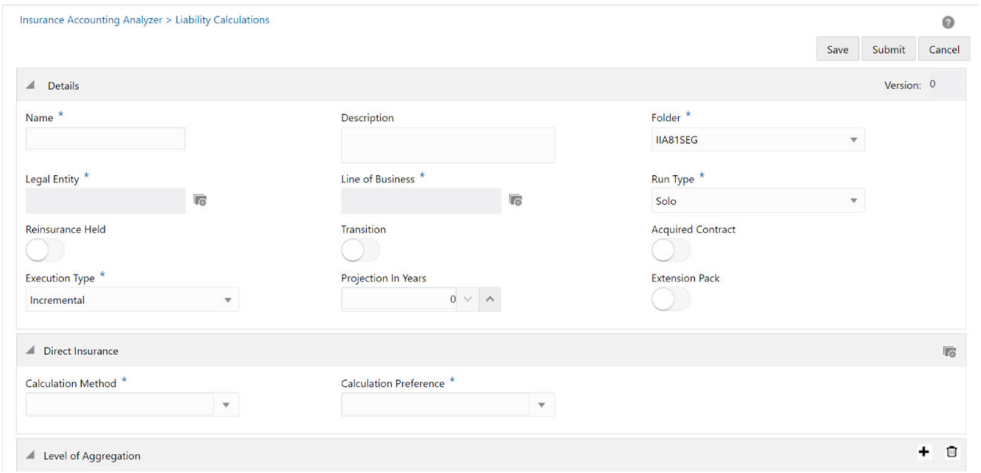


3.3 Create a New Liability Calculation Definition

Perform the following steps to create a new Liability Calculation Definition:

1. In the **Liability Calculations** table, click **Add** to open the **Liability Calculation** window.

Figure 3-10 The Liability Calculation Window with the Extension Pack Slider

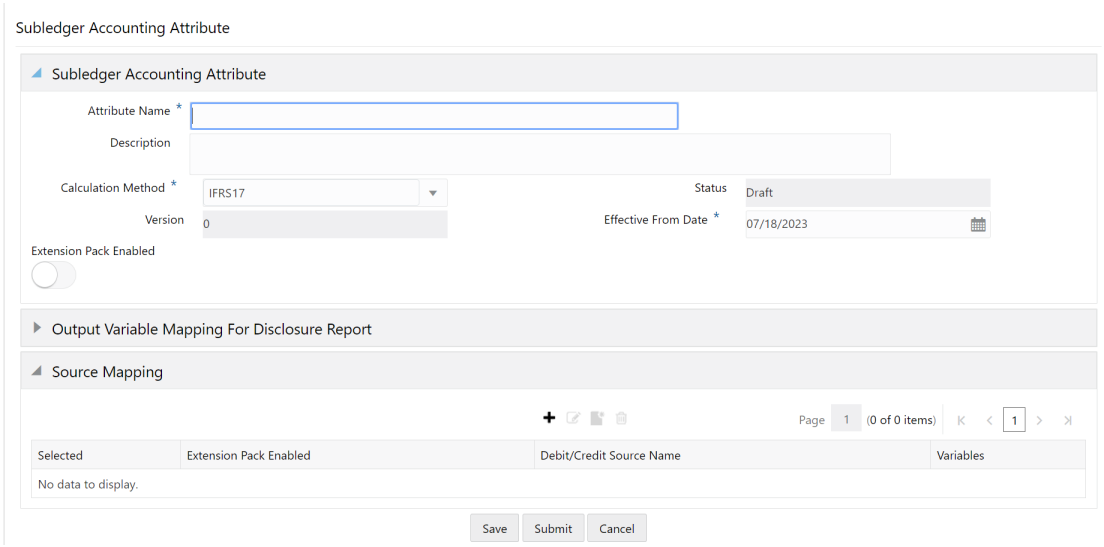


2. Perform the steps mentioned in the **Create a New Liability Calculation Definition** section in the Oracle Insurance Accounting Analyzer User Guide.

3.4 Subledger Attributes

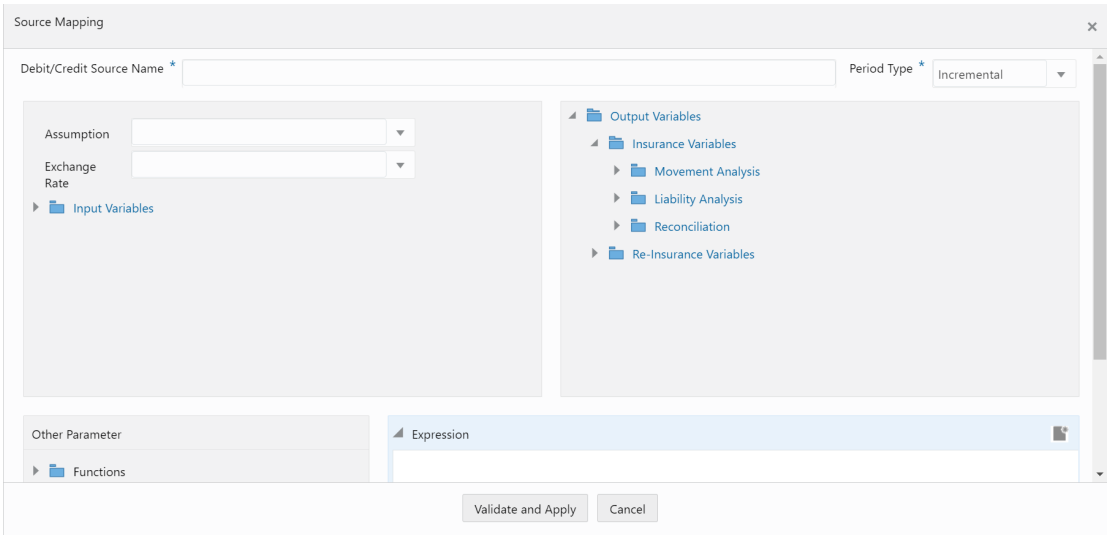
In the Subledger Accounting Attribute screen, the **Extension Pack Enabled** feature is available.

Figure 3-11 The Subledger Accounting Attribute Window with the Extension Pack Enabled Slider



On enabling this feature, while creating customized attributes, extension pack output variables will be available in the Output Variables section of the **Source Mapping** window.

Figure 3-12 The Source Mapping Window



3.5 Subledger

In the **Subledger Process** screen, the **Extension Pack Enabled** is available. When this feature is enabled, Liability Calculation definitions that were created with the **Extension Pack** feature enabled in the **Liability Calculations** screen will be available.

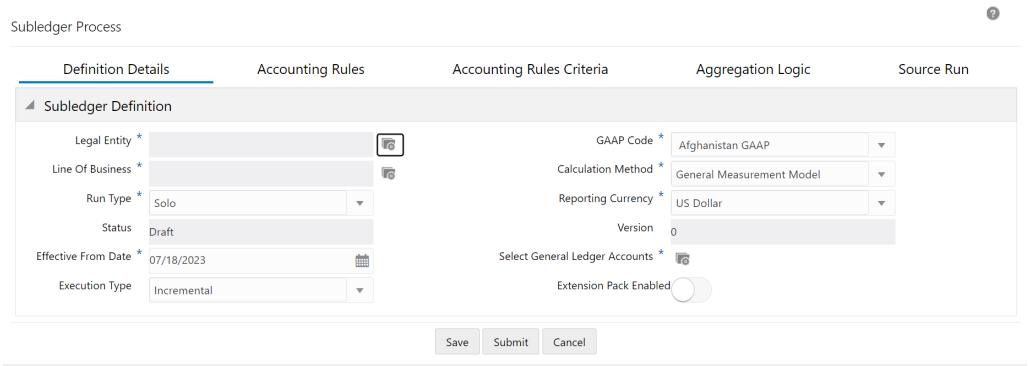



Figure 3-13 The Subledger Process Window