

ORACLE®

What's New in Insbridge Version 5.6

Safe Harbor Statement

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What's New in Insbridge Version 5.6

Features

[Scenario Sandboxes](#)

[Step Updates](#)

[Debug Report Updates](#)

[ESI Updates](#)

[HTTPS Support](#)

[Support for MS Windows Server 2016](#)

Scenario Sandbox

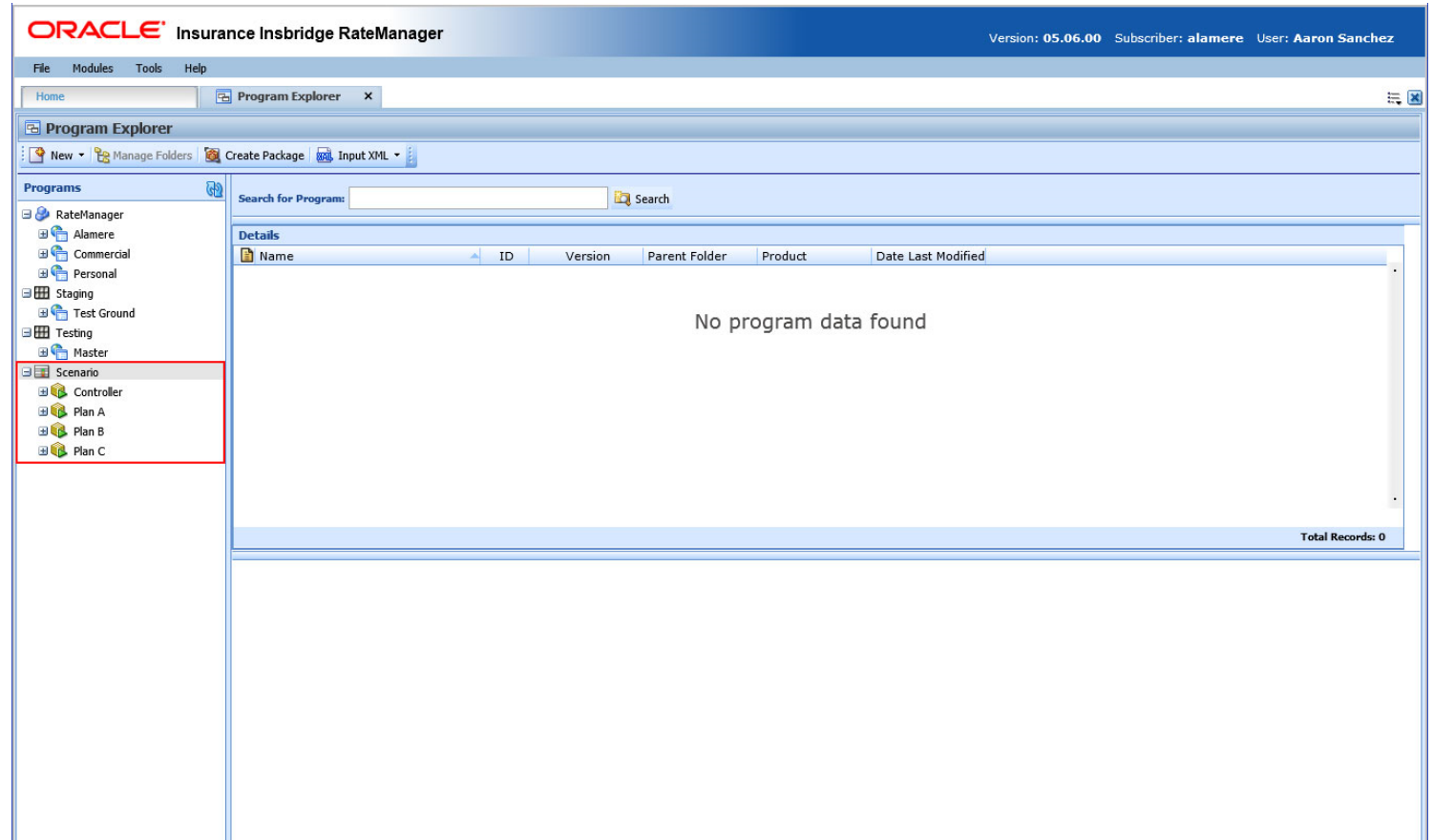
Scenario Sandbox

- Issue

Users needed a secure environment to test table changes.

- Solution

Add the ability to let users create scenarios for testing.

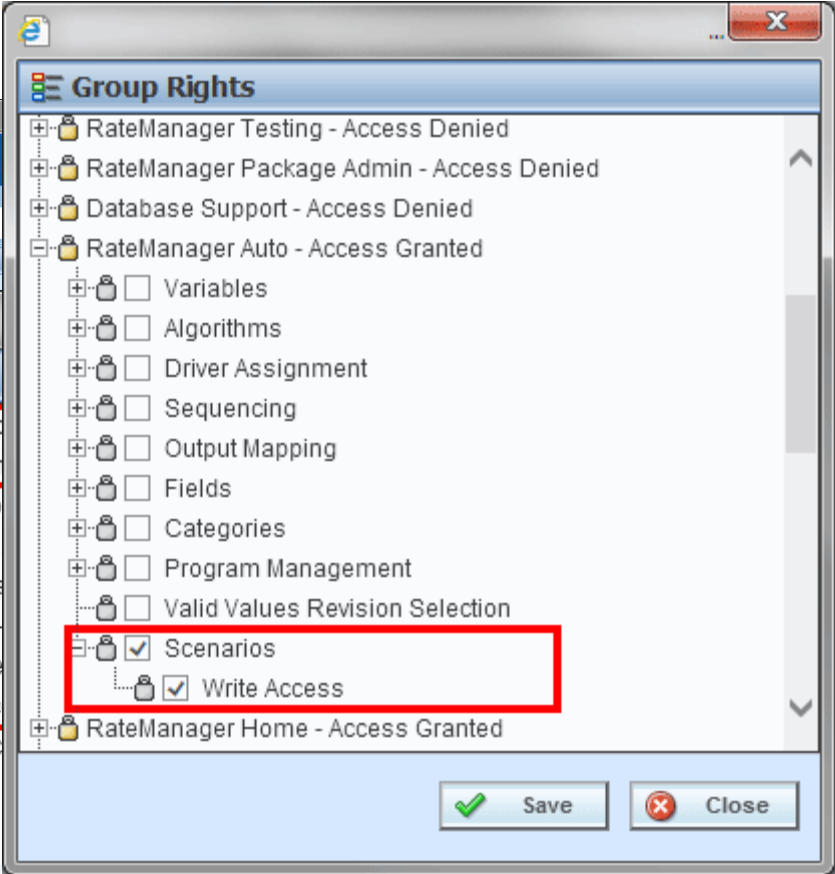
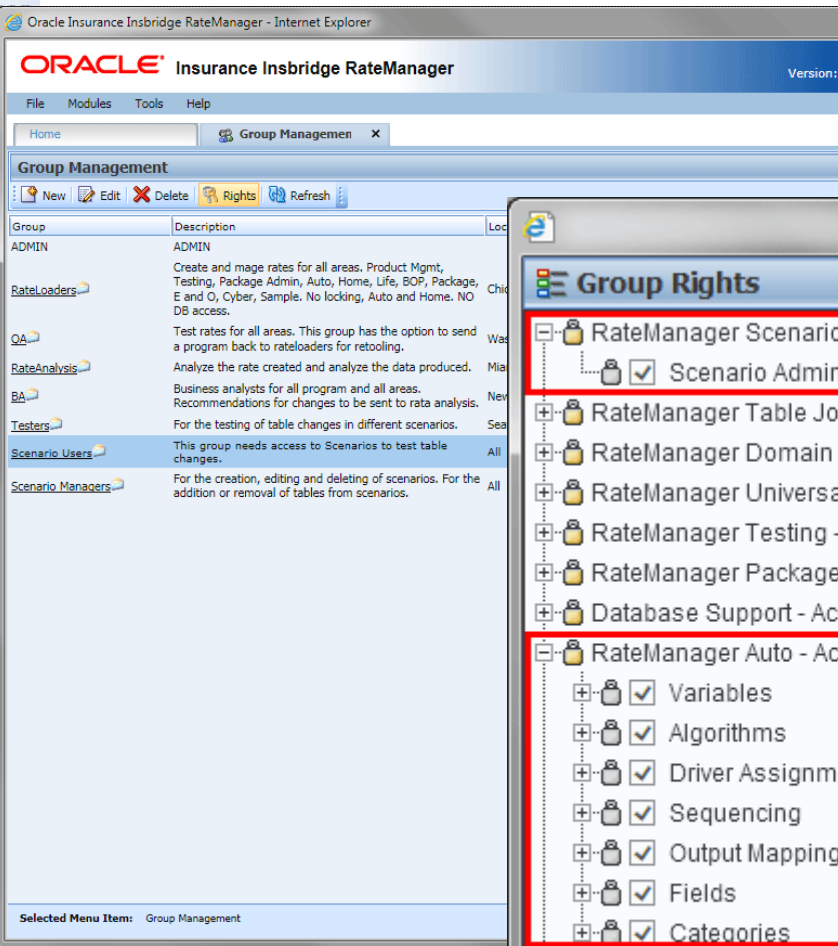


Scenario Sandbox

- Private program versions and table revisions
 - Subversions are exact copies of the selected program
 - Subrevisions are exact copies of the table
 - Changes to the subversion and subrevisions do effect the original program or table.
- Permissions are required
 - Admin role
 - User role
- There are two ways to publish.
 - Merge with an existing version
 - Create a new version
- Scenarios from 5.5 can be upgrade.

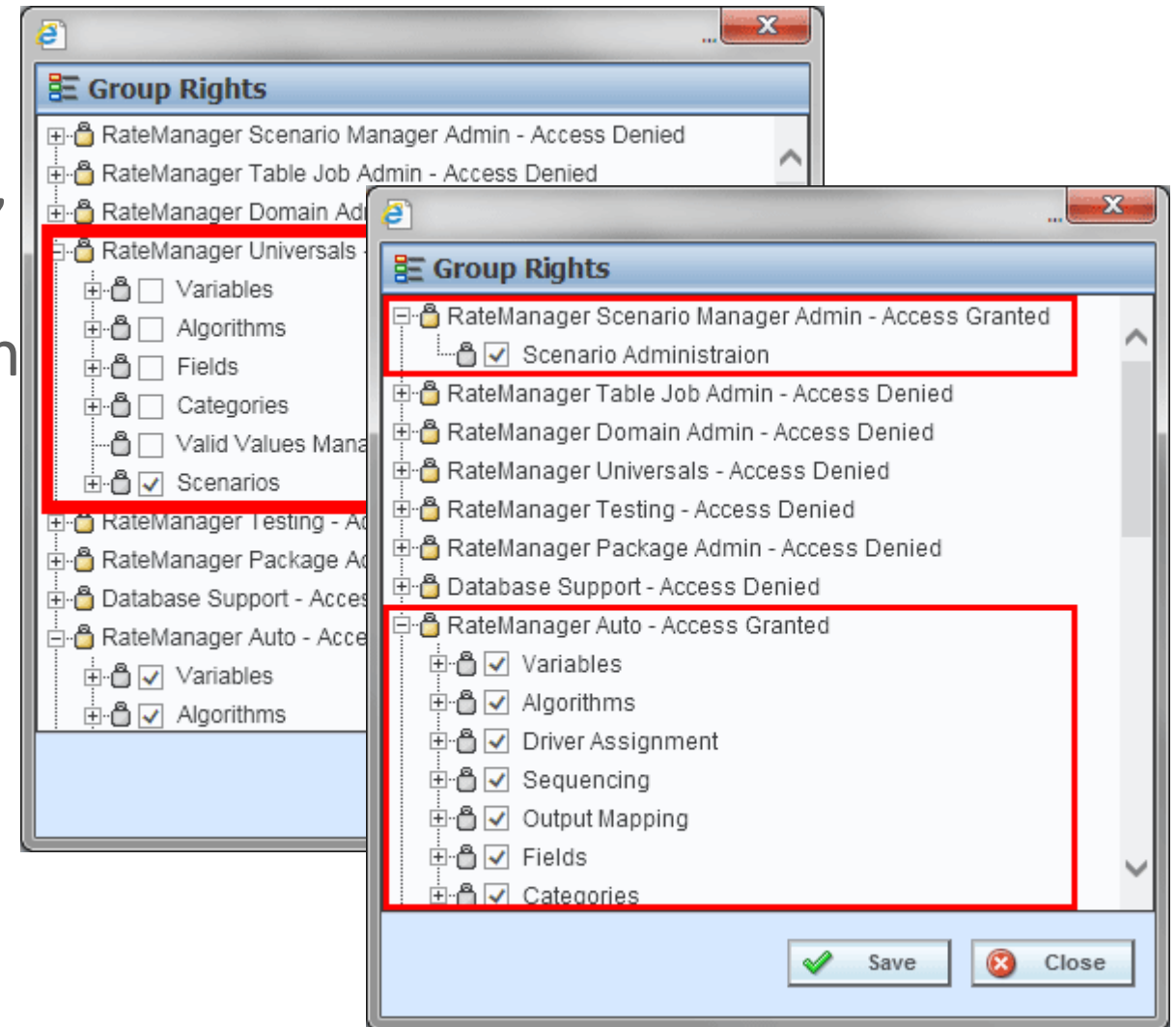
Set Up the Access Rights

ORACLE Insurance Insbridge RateManager



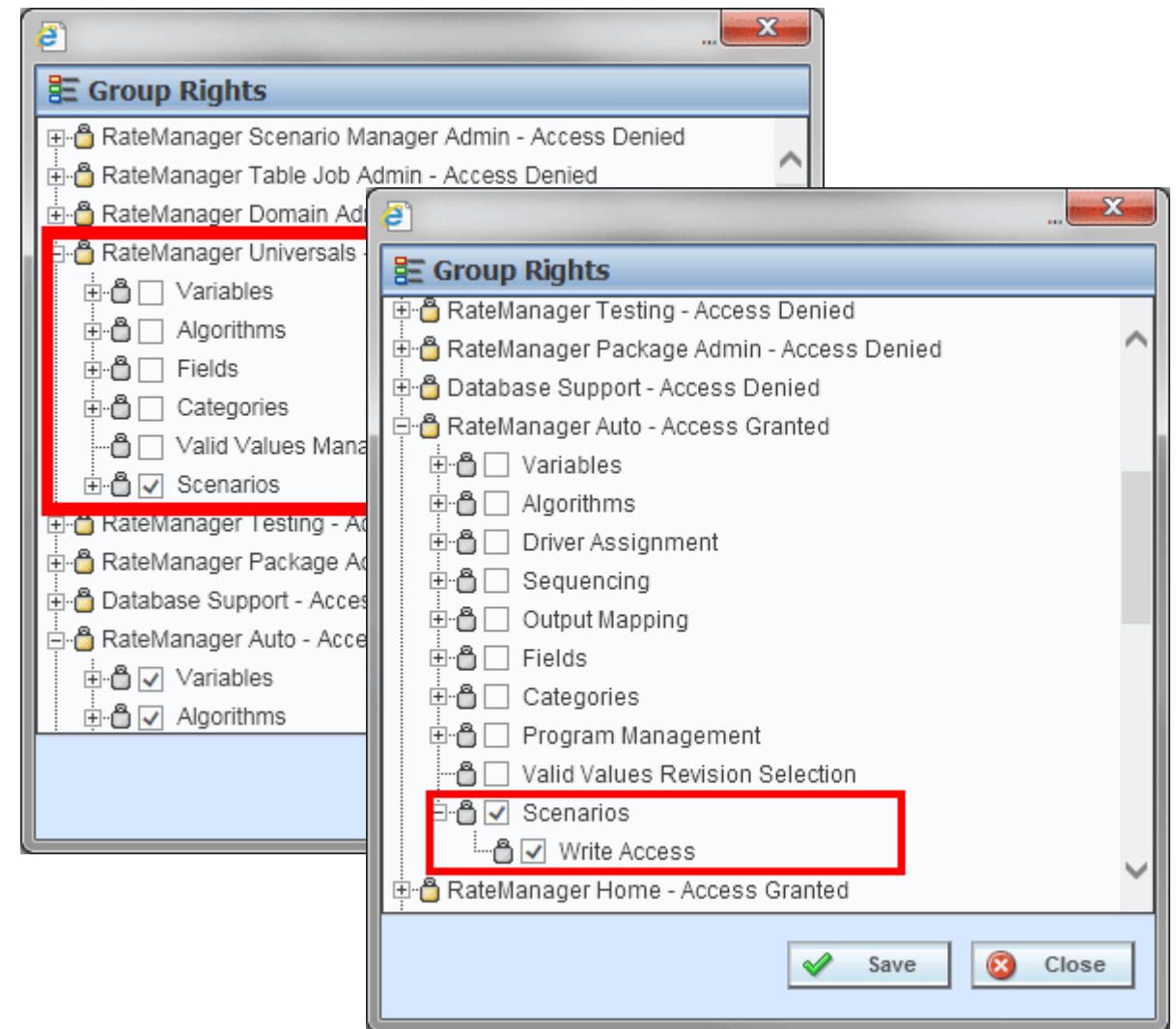
Scenario Manager Permissions

- **Set 1:** Scenario Manager Admin permissions are required to create, edit, delete, and publish scenarios.
- **Set 2:** Product permissions for each of the products with program versions and tables that are to be included in the scenario are required.
- **Set 3:** OPTIONAL - Additional permissions may be needed, depending on usage.



Scenario User Permissions

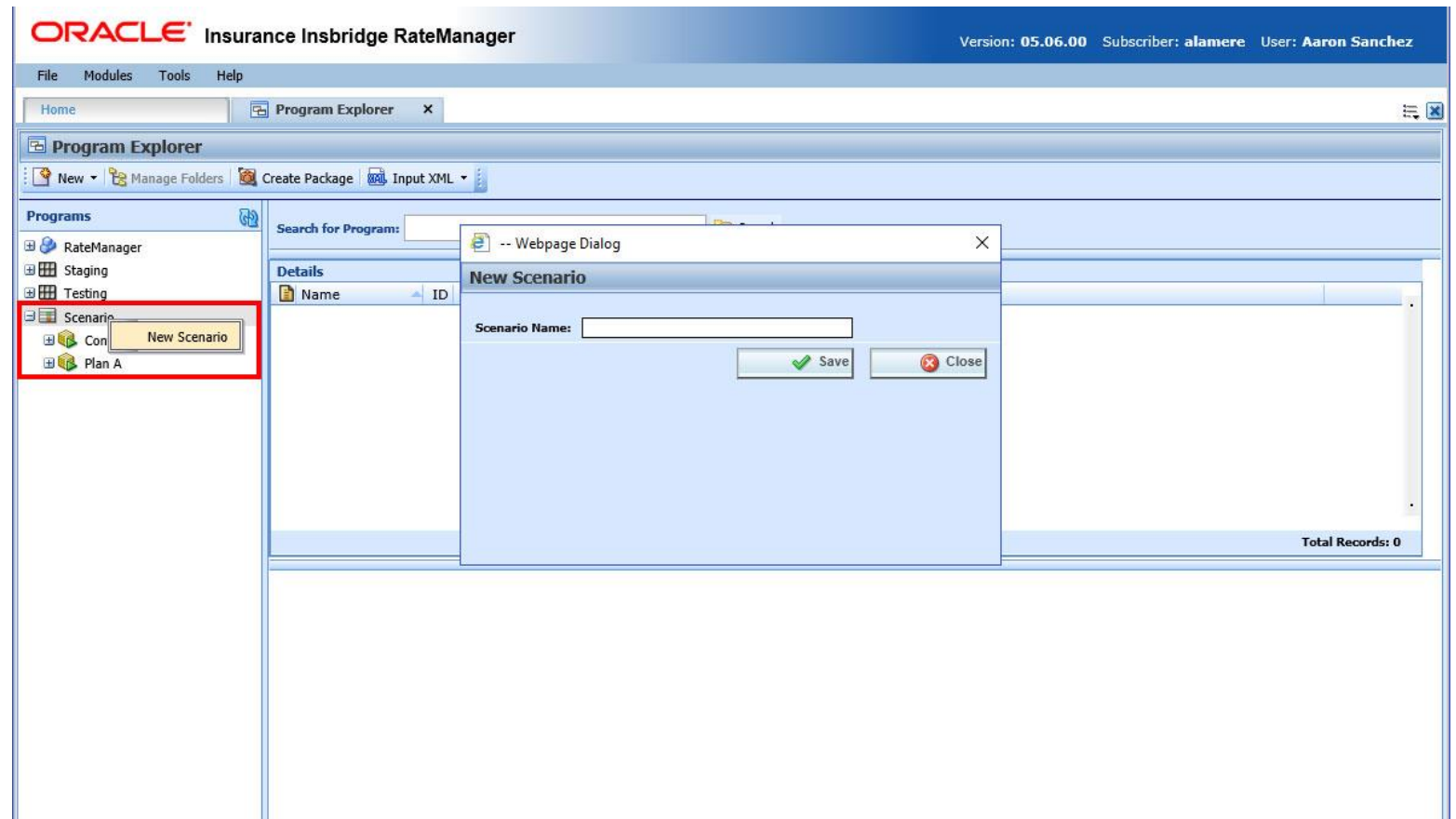
- **Set 1:** Scenario permissions for each of the products with the tables that are to be edited.
- **Set 2:** Table imports and exports require Table Job Admin – Import/Export permissions.
- **Set 3:** OPTIONAL – Additional permissions may be needed, depending on usage.



Scenario Setup

Scenario setup is three parts

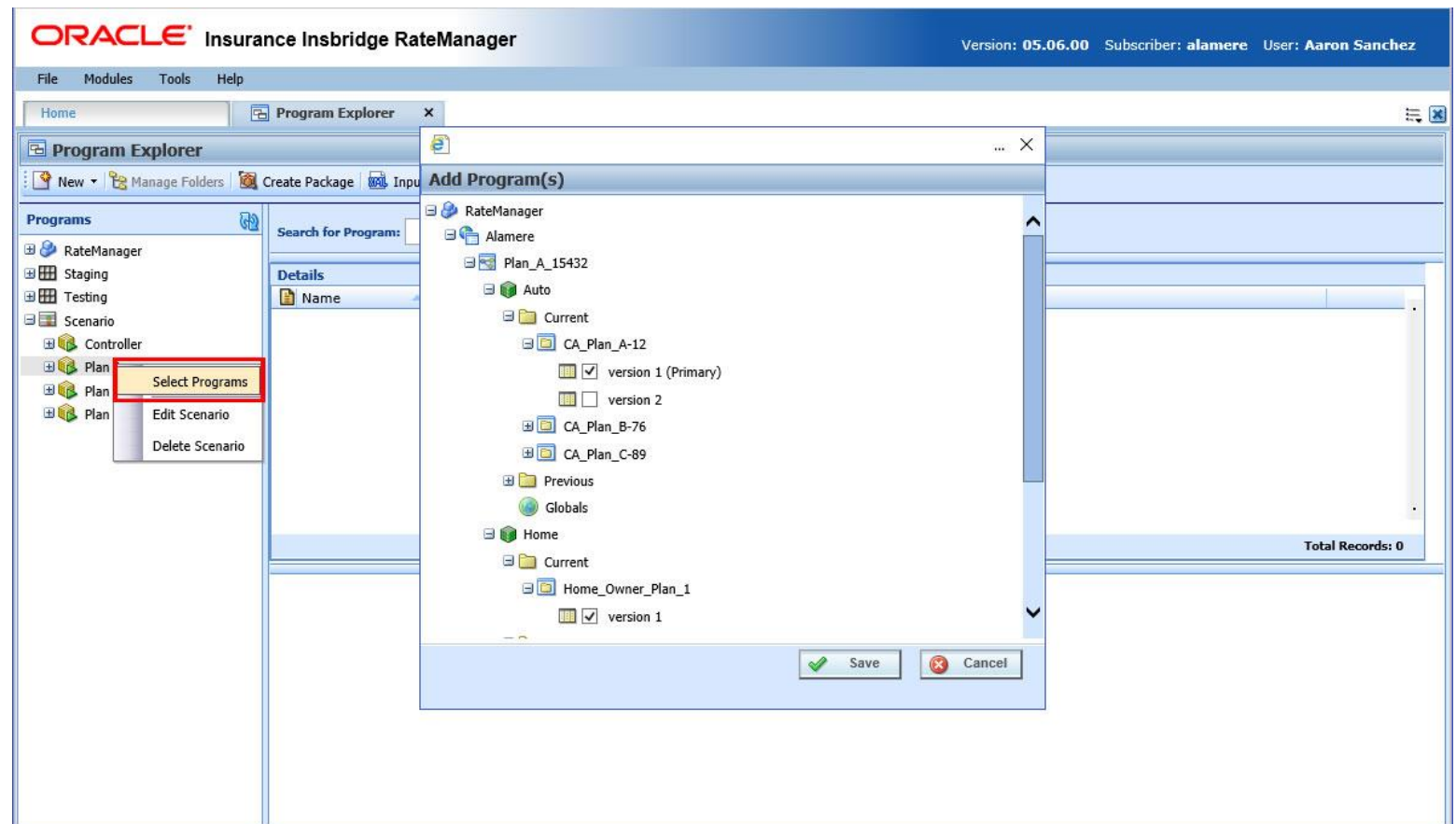
- Step 1: Create a Scenario.



Scenario Setup

Scenario setup is three parts

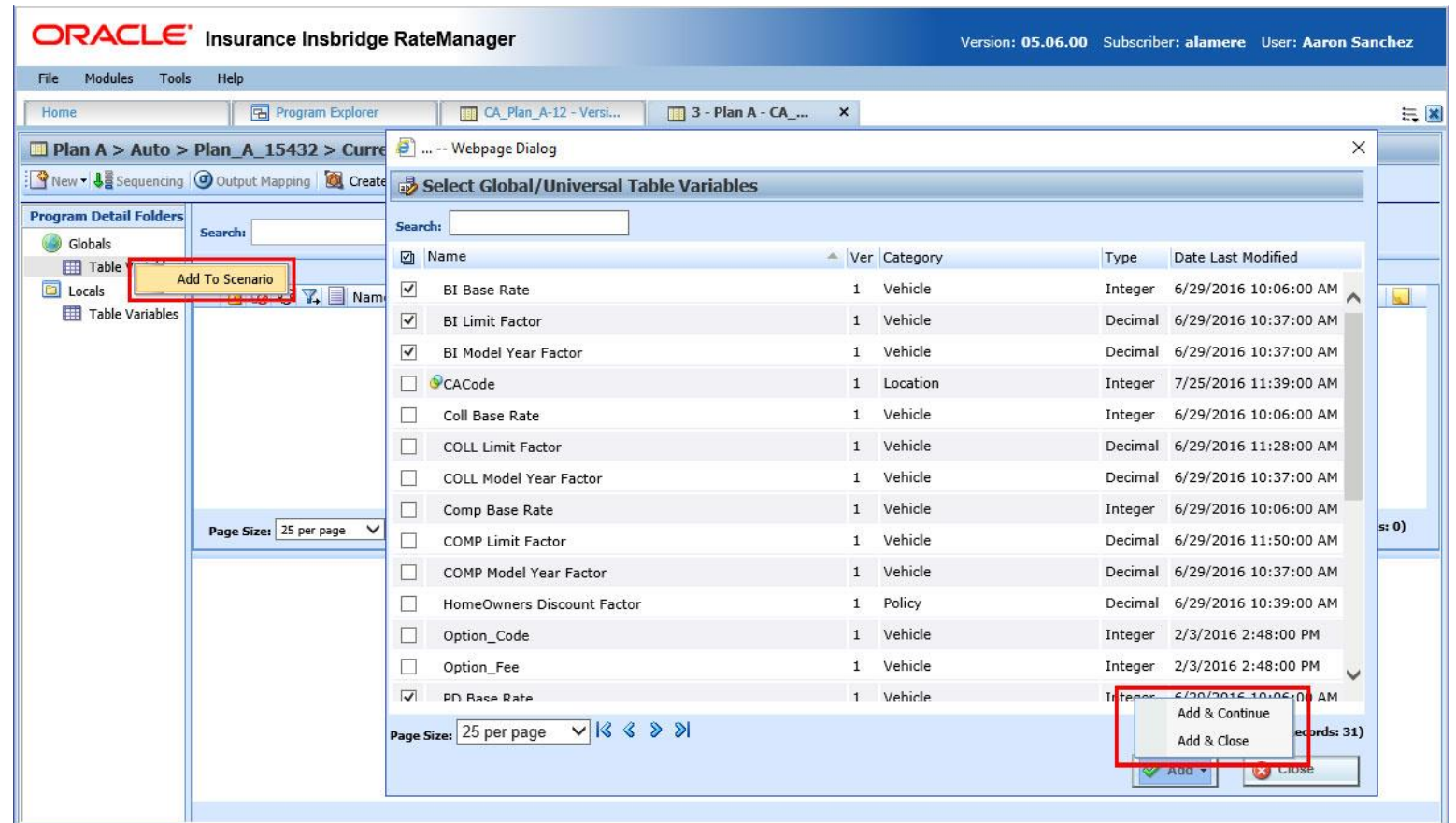
- Step 2: Add the Program Versions.



Scenario Setup

Scenario setup is three parts

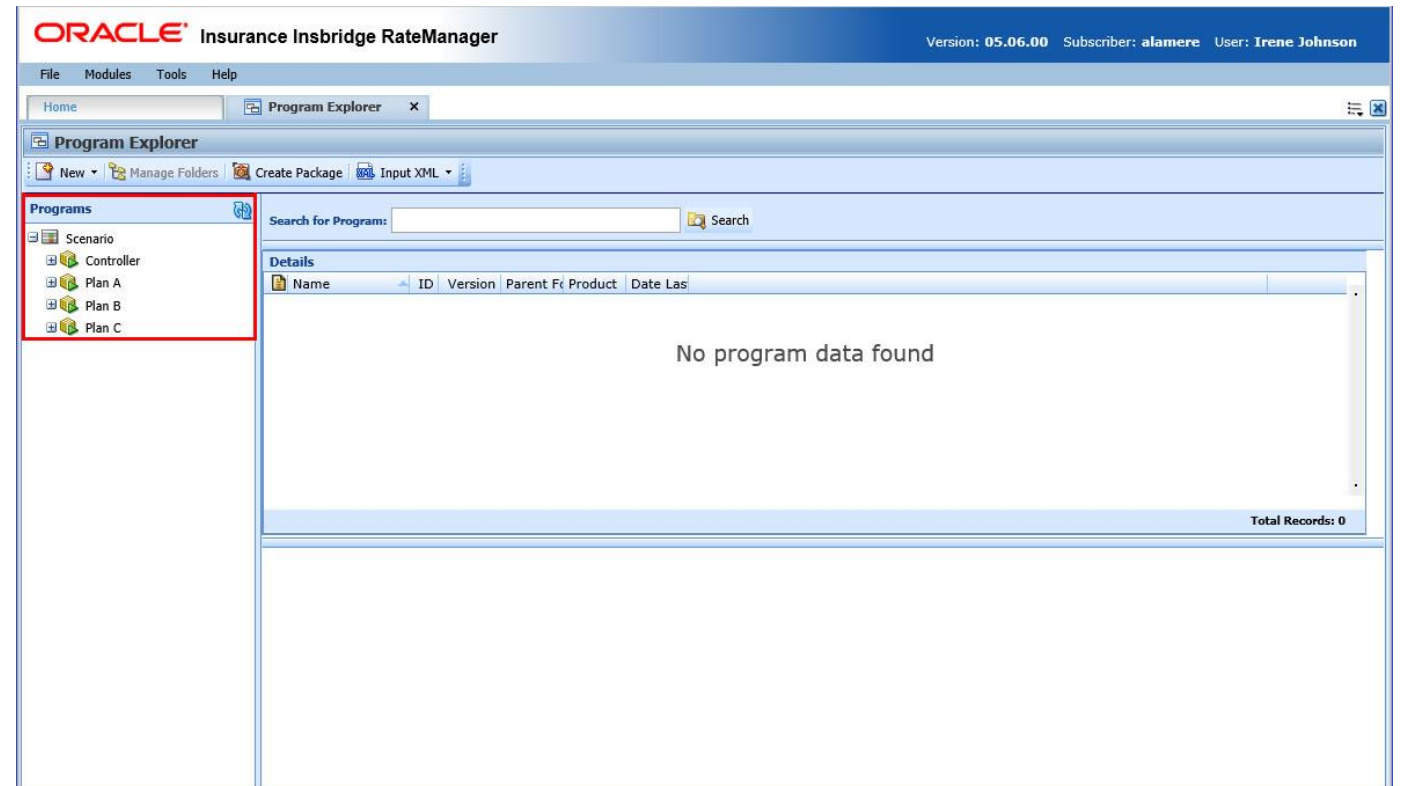
- Step 3: Add Tables.



Scenario User

A Scenario user can:



- Import or Export Table Data
- Edit Table Data
- Update the Default Value
- Add/Remove Criteria
- Add Notes to the Table
- View Reports
- View Notes for the Program

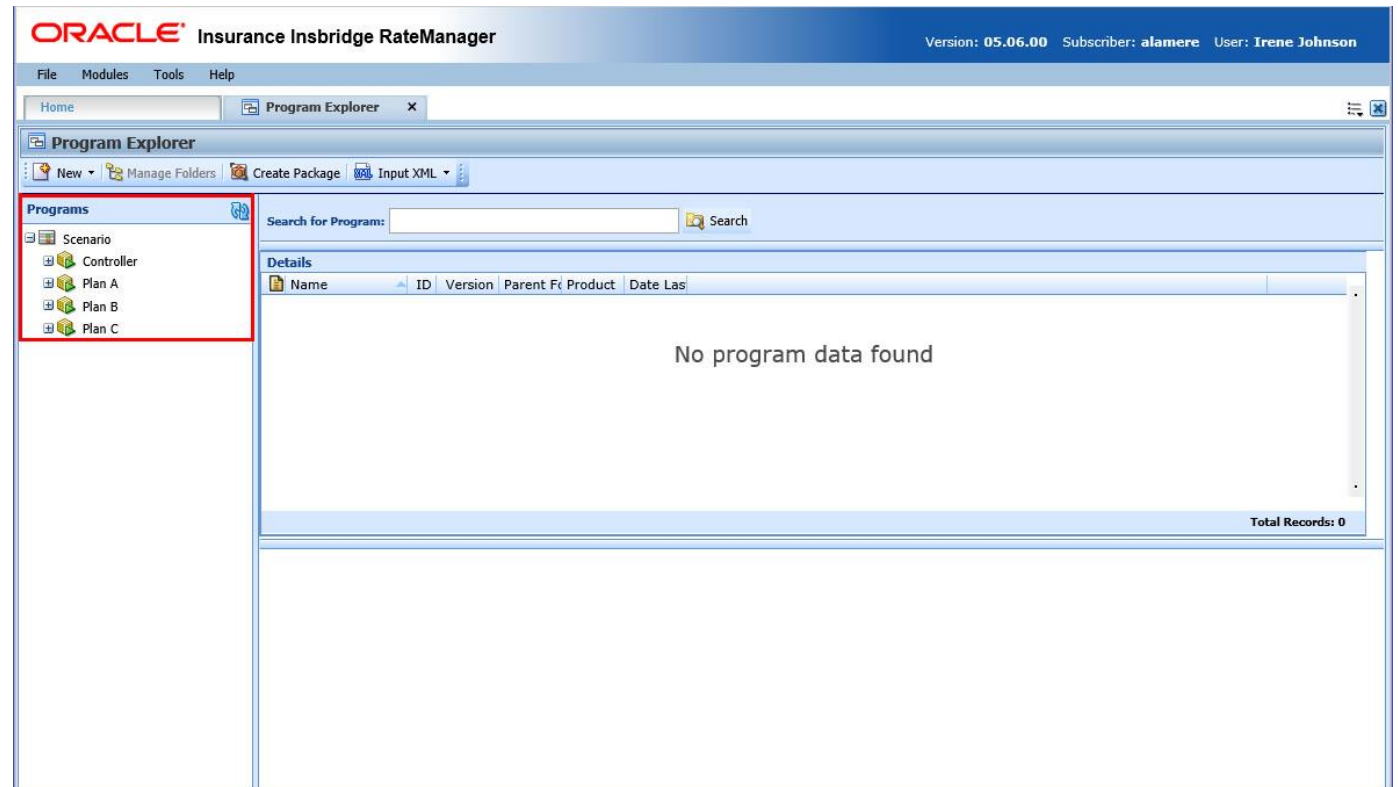


Scenario User

Program Explorer Scenario user views

- Only Scenarios
- Products with permissions
- Programs that have been added

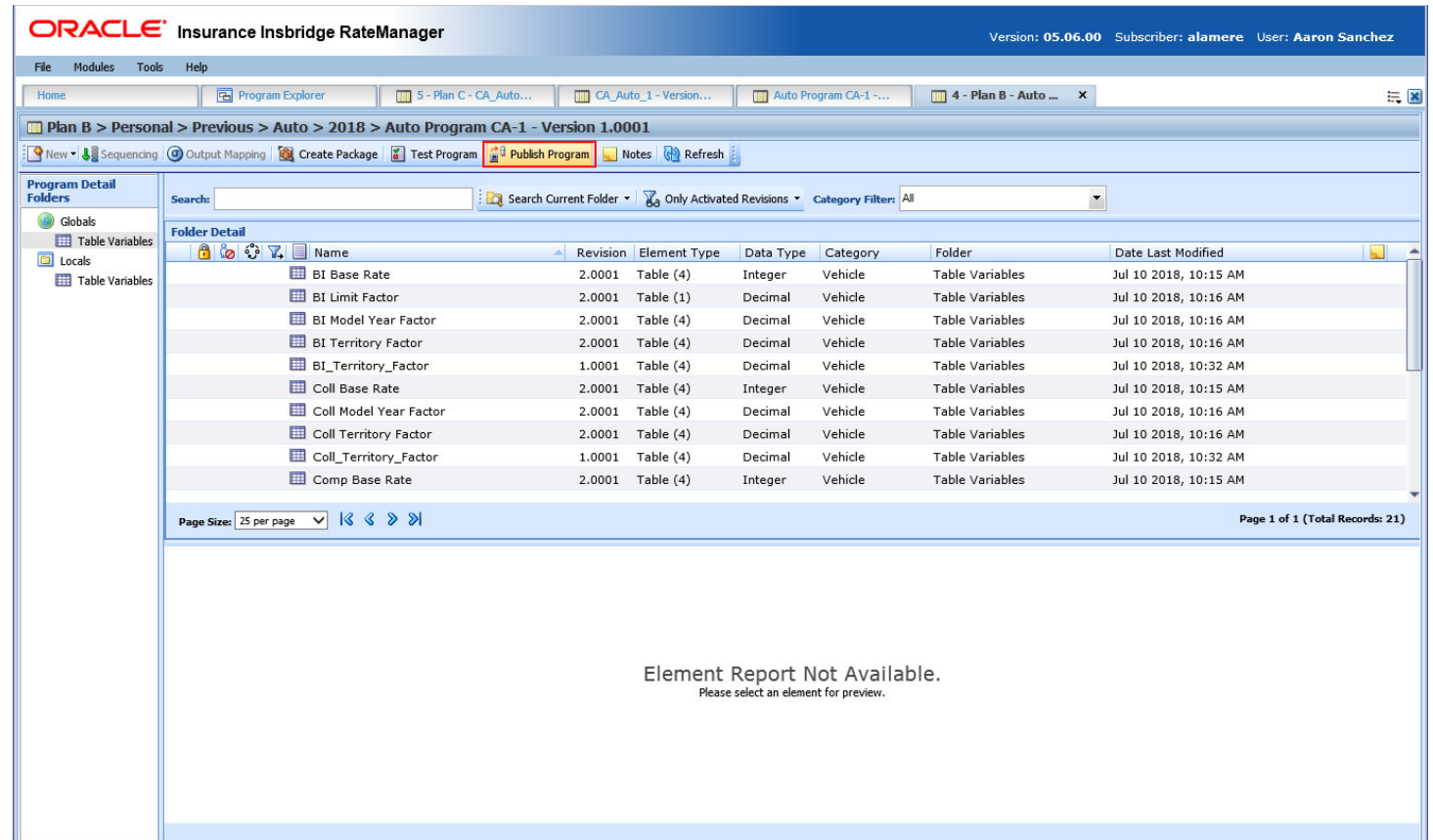
 Scenario domain type
 Scenario domain



Scenario Manager

A Scenario Manager can:

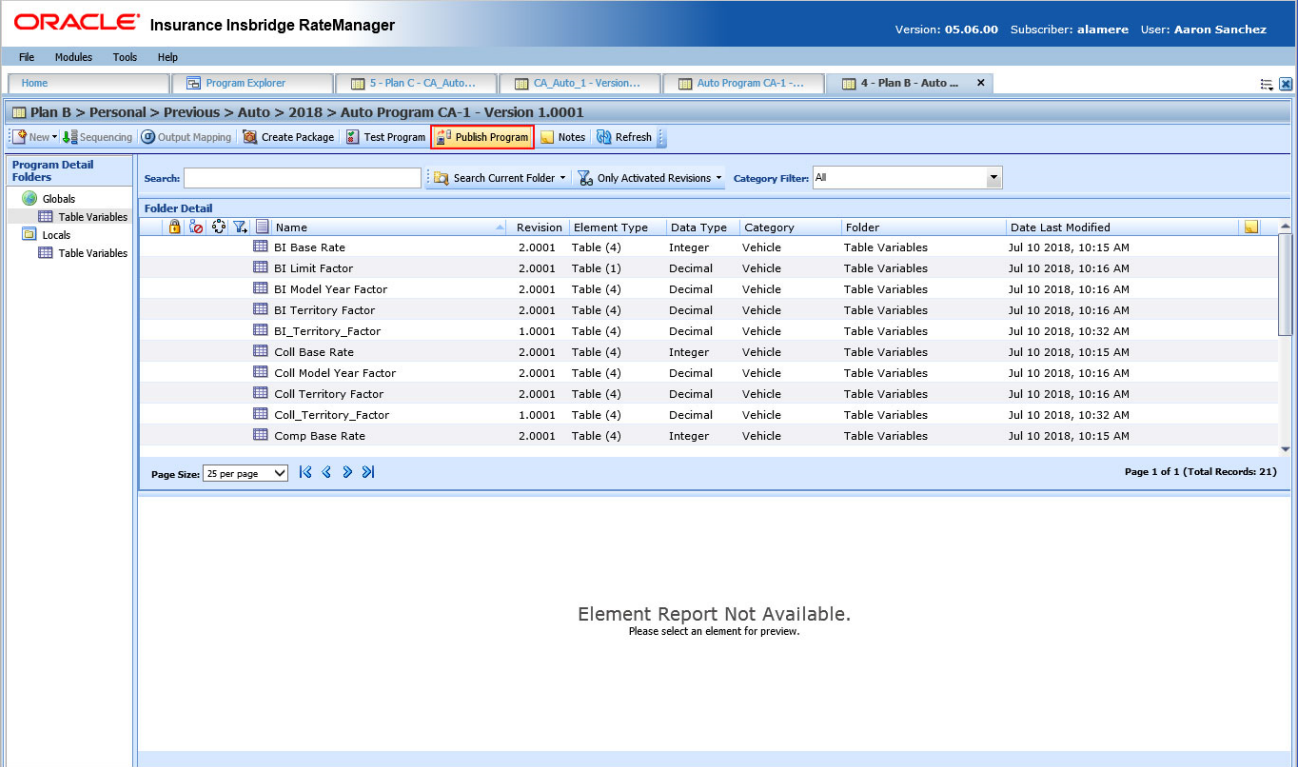
- Create scenarios
- Add programs
- Add tables
- Publish programs
- Update existing scenarios



Scenario Programs

Subversions

- Programs have subversions.
- Programs can be published.
- Program version report is created.
- Programs can be merged or new version.
- Publishing a program locks the scenario.



ORACLE Insurance Insubridge RateManager

Version: 05.06.00 Subscriber: alamere User: Aaron Sanchez

File Modules Tools Help

Home Program Explorer 5 - Plan C - CA_Auto... CA_Auto_1 - Version... Auto Program CA-1 -... 4 - Plan B - Auto ...

Plan B > Personal > Previous > Auto > 2018 > Auto Program CA-1 - Version 1.0001

New Sequencing Output Mapping Create Package Test Program **Publish Program** Notes Refresh

Program Detail Folders

Search: Search Current Folder Only Activated Revisions Category Filter: All

Name	Revision	Element Type	Data Type	Category	Folder	Date Last Modified
BI Base Rate	2.0001	Table (4)	Integer	Vehicle	Table Variables	Jul 10 2018, 10:15 AM
BI Limit Factor	2.0001	Table (1)	Decimal	Vehicle	Table Variables	Jul 10 2018, 10:16 AM
BI Model Year Factor	2.0001	Table (4)	Decimal	Vehicle	Table Variables	Jul 10 2018, 10:16 AM
BI Territory Factor	2.0001	Table (4)	Decimal	Vehicle	Table Variables	Jul 10 2018, 10:16 AM
BI_Territory_Factor	1.0001	Table (4)	Decimal	Vehicle	Table Variables	Jul 10 2018, 10:32 AM
Coll Base Rate	2.0001	Table (4)	Integer	Vehicle	Table Variables	Jul 10 2018, 10:15 AM
Coll Model Year Factor	2.0001	Table (4)	Decimal	Vehicle	Table Variables	Jul 10 2018, 10:16 AM
Coll Territory Factor	2.0001	Table (4)	Decimal	Vehicle	Table Variables	Jul 10 2018, 10:16 AM
Coll_Territory_Factor	1.0001	Table (4)	Decimal	Vehicle	Table Variables	Jul 10 2018, 10:32 AM
Comp Base Rate	2.0001	Table (4)	Integer	Vehicle	Table Variables	Jul 10 2018, 10:15 AM

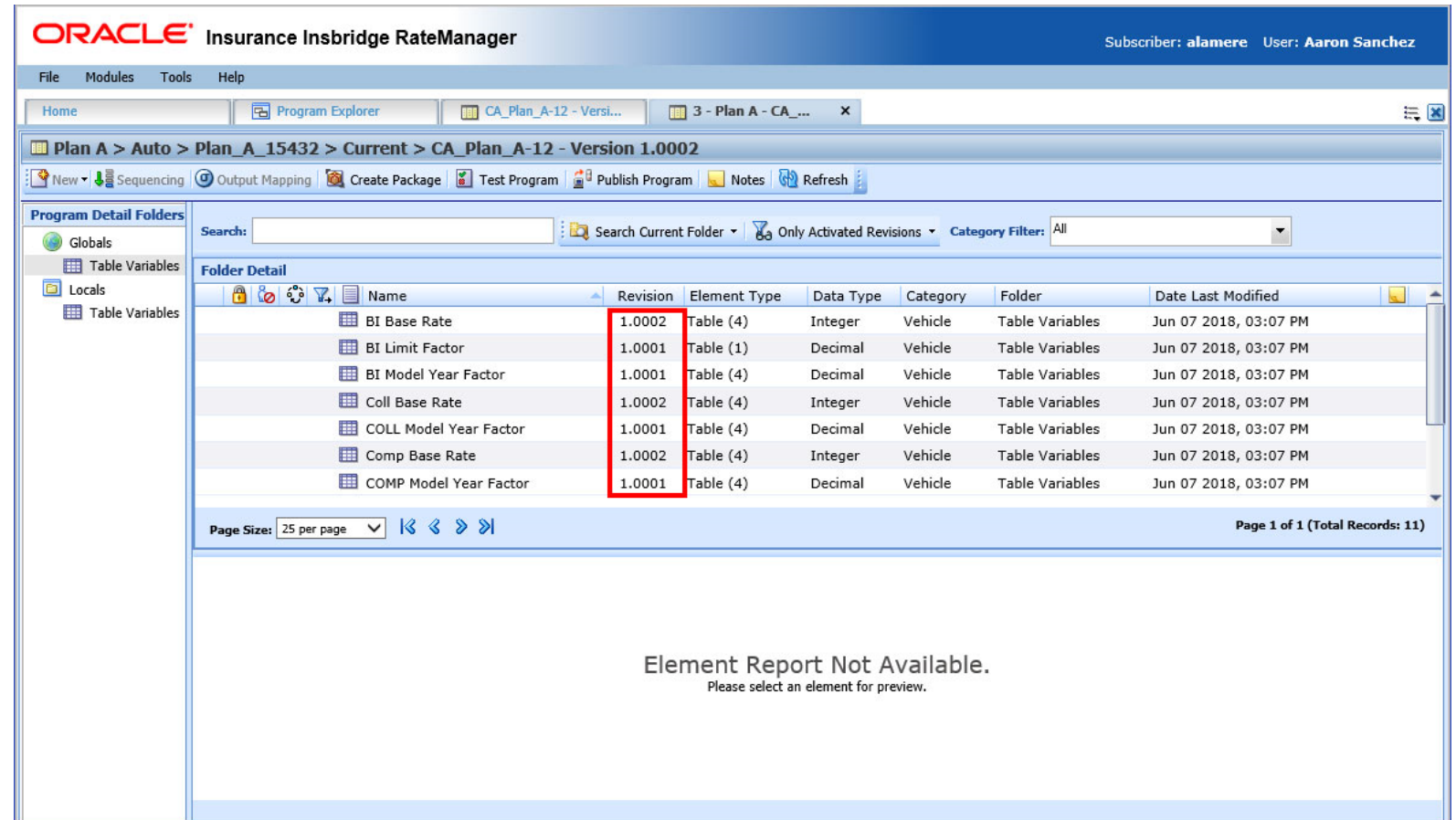
Page Size: 25 per page Page 1 of 1 (Total Records: 21)

Element Report Not Available.
Please select an element for preview.

Scenario Tables

Subrevisions

- Created when tables are brought in
- Used to keep table revisions separate



The screenshot displays the Oracle Insurance Insnbridge RateManager application. The interface includes a top navigation bar with the Oracle logo and the application name. Below this is a menu bar with options like File, Modules, Tools, and Help. The main area shows a breadcrumb trail: Plan A > Auto > Plan_A_15432 > Current > CA_Plan_A-12 - Version 1.0002. A search bar and filters are present above a table titled 'Folder Detail'. The table lists various rate factors with their respective revisions, element types, data types, categories, folders, and last modified dates. The 'Revision' column is highlighted with a red box, showing values 1.0002 and 1.0001 for different elements. At the bottom, a message states 'Element Report Not Available. Please select an element for preview.'

Name	Revision	Element Type	Data Type	Category	Folder	Date Last Modified
BI Base Rate	1.0002	Table (4)	Integer	Vehicle	Table Variables	Jun 07 2018, 03:07 PM
BI Limit Factor	1.0001	Table (1)	Decimal	Vehicle	Table Variables	Jun 07 2018, 03:07 PM
BI Model Year Factor	1.0001	Table (4)	Decimal	Vehicle	Table Variables	Jun 07 2018, 03:07 PM
Coll Base Rate	1.0002	Table (4)	Integer	Vehicle	Table Variables	Jun 07 2018, 03:07 PM
COLL Model Year Factor	1.0001	Table (4)	Decimal	Vehicle	Table Variables	Jun 07 2018, 03:07 PM
Comp Base Rate	1.0002	Table (4)	Integer	Vehicle	Table Variables	Jun 07 2018, 03:07 PM
COMP Model Year Factor	1.0001	Table (4)	Decimal	Vehicle	Table Variables	Jun 07 2018, 03:07 PM

Step Updates

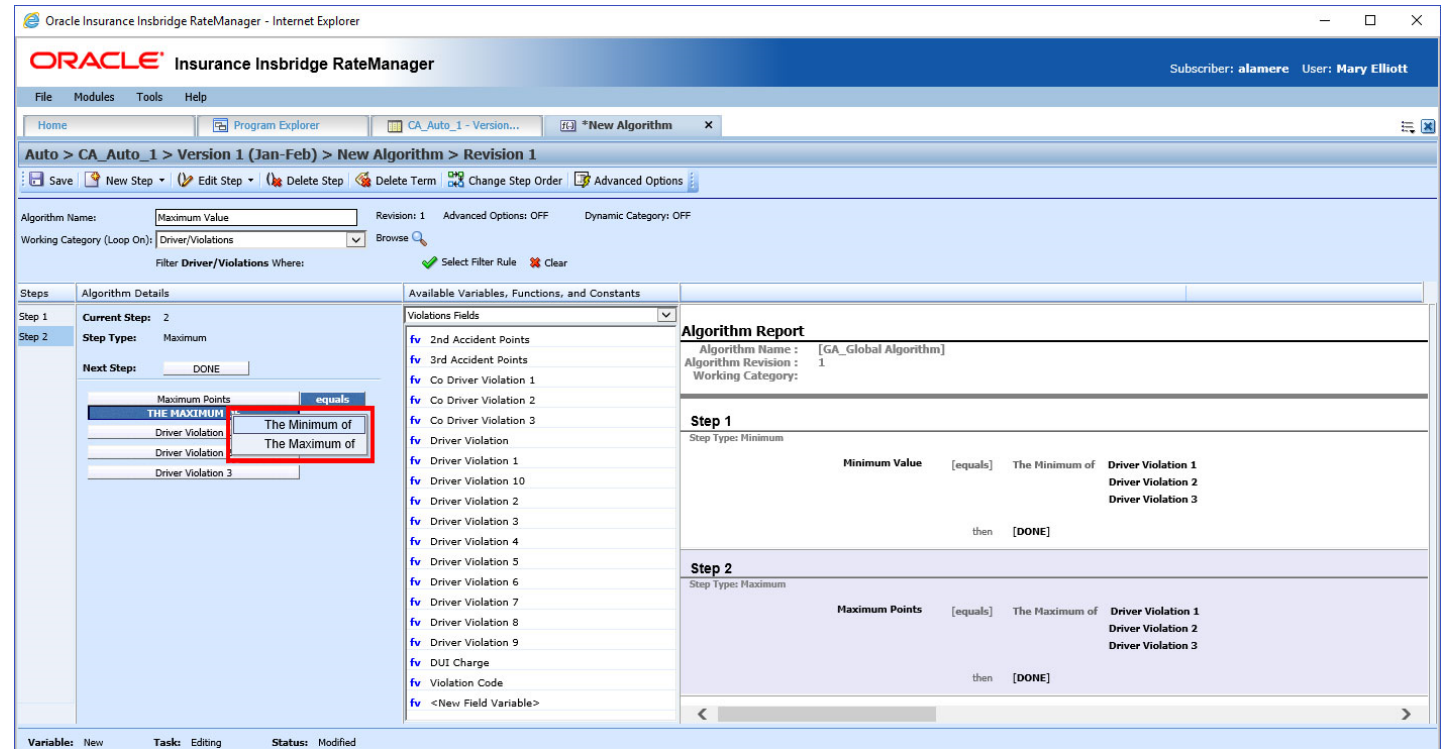
Minimum/Maximum Step

- Issue

A long list of steps was needed to determine a minimum or maximum value.

- Solution

Create a step type that can determine the minimum or maximum value from a list.



Minimum/Maximum Step

- Determines the minimum or maximum of a list of:
 - Integer
 - Decimal
 - Date
- String values cannot be used.
- Any variable can be used; fields, results, calculated variables and so on.
- The minimum or maximum option can be updated by clicking “The Minimum of” or “The Maximum of” and selecting the option you want.

Creating a Minimum or Maximum Step

- Select the step type
Minimum or Maximum
- Select the variable that
holds the result of the
step.
- Select the variables for
the list.

The screenshot displays the Oracle Insurance Insbridge RateManager application. The main window is titled 'Auto > CA_Auto_1 > Version 1 (Jan-Feb) > New Algorithm > Revision 1'. The 'Algorithm Name' is set to 'Maximum Value' and the 'Working Category (Loop On)' is 'Driver/Violations'. The 'Step Type' is 'Maximum'. The 'Next Step' is 'DONE'. The 'Available Variables, Functions, and Constants' list includes 'Violations Fields' and various violation codes (e.g., 2nd Accident Points, 3rd Accident Points, Co Driver Violation 1, etc.). The 'Steps' table shows the current step is 2, and the 'Algorithm Details' section shows the step type is 'Maximum'.

Steps	Algorithm Details	Available Variables, Functions, and Constants
Step 1	Current Step: 2	Violations Fields
Step 2	Step Type: Maximum	fv 2nd Accident Points
	Next Step: DONE	fv 3rd Accident Points
		fv Co Driver Violation 1
		fv Co Driver Violation 2
		fv Co Driver Violation 3
		fv Driver Violation
		fv Driver Violation 1
		fv Driver Violation 10
		fv Driver Violation 2
		fv Driver Violation 3
		fv Driver Violation 4

Multiply Across Category Step

- Issue

No way to multiply across categories.

- Solution

Create a step type that can multiply across categories.

The screenshot displays the Oracle Insurance Insbridge RateManager application. The breadcrumb trail indicates the path: Auto > CA_Auto_1 > Version 1 (Jan-Feb) > Total Age Factor > Revision 1. The interface includes a menu bar (File, Modules, Tools, Help) and a toolbar with options like Save, New Step, Edit Step, Delete Step, Delete Term, and Change Step Order. The 'Calculated Variable Name' is set to 'Total Age Factor', the 'Type' is 'Integer', and the 'Working Category (Loop On)' is 'Driver'. The 'Filter Driver Where' section shows a selected filter rule. The main workspace is divided into three panes: 'Steps', 'Variable Details', and 'Available Variables, Functions, and Constants'. The 'Steps' pane shows Step 2 as the 'Current Step' with a 'Step Type' of 'Multiply Across Category (All Available)'. The 'Variable Details' pane shows the configuration for Step 2, including a 'Next Step' button labeled 'DONE' and a visual representation of the calculation: 'Total Driver Factor' equals 'THE PRODUCT OF' 'DriverAge' 'WHERE' 'DriverAge' is 'greater than or equal to' '21' 'AND' 'Driver Age' is 'less than or equal to' '65'. The 'Available Variables, Functions, and Constants' pane lists various policy fields such as 'Anniversary Date Next', 'Annual Admin Fee', 'Annual Credit Cap', 'Annuity', 'Benefit Date', 'BI Class Factor', 'BI Limit', 'BI Limit Ceiling', 'BI Limit Floor', 'Bundle Discount Code', 'Capital Allowance', 'City', 'City_NY', and 'City_TX'.

Multiply Across Category Step

- Multiplies values across instances of a child category.
- The result can be used in a calculated variable or as a criteria in a table variable.
- There are two options:
 - Use current path
 - All available
- Where clauses can be added.

Rank by Date

- Rank instances of a child category based on a data type variable.
- The value of the variables of instances of a child category ordered in chronological order are available without having to create a calculated variable to calculate the “age: in date to order them.

Date Difference Update

- Issue

Date Differences were returned as absolute values. If negative values were needed, additional steps were required.

- Solution

Add the ability to return negative values to a Date Difference step.

The screenshot shows the configuration for a 'Date Diff (days)' step. The 'Current Step' is 2. The 'Next Step' is '[NEXT STEP]'. Below this, there is a table with two columns: 'Results of Step 2' and 'equals'. The first row contains '-- Insert Date Variable --' and 'equals'. The second row contains '-- Insert Date Variable --' and 'minus'. At the bottom, there is a 'Difference Sign' section with a dropdown menu showing 'Signed' and 'Unsigned'. The 'Signed' option is selected and highlighted with a red box.

Current Step: 2	
Step Type: Date Diff (days)	
Next Step: [NEXT STEP]	
Results of Step 2	equals
-- Insert Date Variable --	minus
-- Insert Date Variable --	
Difference Sign:	<div>Signed Unsigned</div>

Date Difference Update

- Calculate the “no absolute” difference between two dates – signed difference
- The signed result can be used as criteria of a rating table without having to add additional steps to sign it by comparing the dates.
- To return a signed value, select the Signed option.
- The default is unsigned.
- Negative values are signed in the debug report.

Debug Report Updates

Debug Report Updates

- Issue

Debug reports had limited views and lacked navigation.

- Solution

Expand P2P views, add links to edit variables, and include navigation links.

The screenshot displays the Oracle Insurance Insbridge RateManager application. The top navigation bar includes the Oracle logo, the application name, and user information (Version: 05.06.00, Subscriber: alamere, User: Mary Elliott). The main interface is divided into several sections:

- Algorithm Details:** Shows the algorithm name as PD_PREMIUM, working category as Driver-Vehicle, and filter Driver-Vehicle Where as CA_Auto_1.
- Steps:** A list of steps in the algorithm, including PD_PREMIUM, PD Base Rate, Term Factor, PD Territory Factor, PD Model Year Factor, PD Limit Factor, Homeowners Discount Factor, and Senior Driver Discount Factor.
- Execution Order:** A detailed view of the execution order, showing the sequence of steps and their results. A red arrow points to the 'Term Factor' step, which is highlighted in the 'Execution Order: 16' section.
- Debug Report:** A section at the bottom of the interface, currently showing a blank report.

The 'Execution Order: 16' section shows the following data:

#	Criteria	Operator	Value	Type	Retrieved
1	Policy Term	Equal	12	Integer	2.14

The 'Execution Order: 17' section shows the following data:

#	Criteria	Operator	Value	Type	Retrieved
1	Territory Code	Equal	47	Integer	1.23

The 'Execution Order: 18' section shows the following data:

#	Criteria	Operator	Value	Type	Retrieved
1	Territory Code	Equal	47	Integer	1.25

Debug Reports Hyperlinks

- Links are for
 - Table Variables
 - Calculated variables
 - Algorithms
 - Filter Rules
 - Other Variables
- The links are shown in Output Mappings and Section headers.
- Clicking the link opens the variable in a separate tab.
- Available in Test Case Editor and Testing Module.

Debug Report Updates P2P

- New modal popup screens have better views of P2P programs.
- Programs are sequenced to provide clarity in the P2P execution cycle.
- Users can view programs in the same window or in a new window.
- Locator links (Breadcrumbs) have been added to identify the programs in the order called.
- Available in Testing and Test Case Editor.

ESI Updates

ESI Updates

- Issue

Limited functionality for working with table data and releases

- Solution

Provide the ability to import and export table data using Excel and increase usability with releases.

The screenshot shows the 'ESI Tester: RM | IBFA' application window. At the top, there are input fields for 'Rate Manager Server' (LOCALHOST), 'Subscriber ID' (8659), 'User Name' (melliott), and 'Password' (*****), along with 'Network Login', 'Login', and 'Logout' buttons. Below this is a tabbed interface with tabs for 'Test Security', 'Test Glib/Uni', 'Test Program Items', 'Test IBFA', 'Test Releases', 'Test List Items', and 'Test Versioning Data'. The 'Test IBFA' tab is active, displaying fields for 'DB Server', 'RM DB Catalog', 'DB Port' (1433), 'DB User ID', 'DB Password', 'Log Dir', 'Save to file' (TABLE_EXPORT.XLSX), 'Sheet name/Type' (INSBRIDGE), 'Project ID' (10), 'Prog ID' (8), 'Product ID' (11), 'Table Var ID' (39,40,41,42,4), 'Table Var Rev', 'Overwrite Existing File' (No), 'Wildcard Symbol', 'Data Fetch Size', and 'Delete Data'. Action buttons include 'Export Table Data to Excel' and 'Import Excel Data to TV'. A section on the left contains buttons for folder and program management: 'Get Folder List', 'Create Folder', 'Update Folder', 'Delete Folder', 'Create Program', 'Update Program', 'Copy Program', 'New Program Ver', 'Lock Program', 'Unlock Program', 'Delete Program', 'Update Prog Version Name', 'Delete Unlocked Program Versions', 'Get Available Environments', 'Create SRP', 'New Table Var Revision', 'Set as Active Revision', 'Launch Program (Network User)', 'Launch Program (Non-Network User)', 'Get Program Version Notes', and 'Get Table Revision Notes'. On the right, there are fields for 'Project ID', 'Product ID', 'Folder ID', 'Prog ID', 'Prog Ver', 'Prog Name', 'Ver Name', 'Note ID', 'Note Text' (200 Max), 'Export TV Data to:', 'Export Data to Text', 'Parent Prog ID', 'TV Name', 'TV ID', and 'TV Rev'. At the bottom right is a 'Close' button.

ESI Updates

- Export data for multiple table variables.
- Import data to a specific program version.
- Package, deploy and load releases.
- Delete All/Multiple Releases.
- Unload/Delete multiple SRPs from IBFA.

HTTPS Support

HTTPS

HTTPS support has been implemented system wide. Any place that uses HTTP can now use HTTPS:

- Web Application
 - RateManager
 - IBFA
 - IBSS
- Web Services

Operating System Support

Operating System Updates

- Support has been added for:
 - Microsoft Windows Server 2016
 - .NET 4.6

Operating System Updates

- Release 5.6 is the last supported release for:
 - Microsoft Windows Server 2008

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