

Oracle Financial Services Business Rule Framework



Release 26B
G56765-01
May 2026



Oracle Financial Services Business Rule Framework, Release 26B

G56765-01

Copyright © 2026, Oracle and/or its affiliates.

Primary Authors: (primary author), (primary author)

Contributing Authors: (contributing author), (contributing author)

Contributors: (contributor), (contributor)

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

1 Introduction to Business Rules

Roles and Functions	1
Business Rule Summary Screen	2
Add a business rule	2
Basic Details	3
Source Setup	4
Outcome Setup	5
Combination Configuration	6
Impact Preview	7
Review and Submit	7
Editing a Business Rule	7
Deleting a Business Rule	8

Index

1

Introduction to Business Rules

Business Rules enable financial institutions to transform and manage data efficiently for risk monitoring, regulatory compliance, and reporting purposes. The system allows users to define rules and processes required for data transformation within a data store. It also supports the execution and management of predefined rules and processes, ensuring a structured and streamlined data transformation workflow.

Roles and Functions

This section lists the role codes and function codes required to use the business rule. Based on the role that you are mapped to, you can access read, modify or authorize business rule.

Table 1-1 Function Codes

Function Code	Description
RULE_UNPIN	The user mapped to this function will have access to rule service unpin function.
RULE_DEL	The user mapped to this function will have access to rule service delete function.
RULE_EXEC	The user mapped to this function will have access to rule service execution function.
RULE_AUTH	The user mapped to this function will have access to rule service authorization function.
RULE_VIEW	The user mapped to this function will have access to rule service view function.
RULE_ADD	The user mapped to this function will have access to rule service add function.
RULE_SUMM	The user mapped to this function will have access to rule service summary function.
RULE_MOD	The user mapped to this function will have access to rule service modify function.
RULE_PIN	The user mapped to this function will have access to rule service pin function.
RULE_BULK_OPS	The user mapped to this function will have access to import/export excel worksheet.
RULE_COPY	The user mapped to this function will have access to rule service copy function.

Table 1-2 Role and Function Mapping

Role Code	Functions mapped to the Role
RULE_DEL	RULE_ADV
RULE_EXEC	<ul style="list-style-type: none">• RULE_WRITE• RULE_ADV

Table 1-2 (Cont.) Role and Function Mapping

Role Code	Functions mapped to the Role
RULE_AUTH	<ul style="list-style-type: none"> RULE_AUTH RULE_ADV
RULE_VIEW	<ul style="list-style-type: none"> RULE_READ RULE_WRITE RULE_ADV` RULE_AUTH` RULE_MAINT RULE_OPER
RULE_ADD	<ul style="list-style-type: none"> RULE_WRITE RULE_ADV
RULE_SUMM	<ul style="list-style-type: none"> RULE_READ RULE_WRITE RULE_ADV RULE_AUTH RULE_MAINT RULE_OPER
RULE_MOD	<ul style="list-style-type: none"> RULE_WRITE RULE_ADV
RULE_PIN	RULE_WRITE
RULE_BULK_OPS	RULE_ADV
RULE_COPY	<ul style="list-style-type: none"> RULE_WRITE RULE_ADV

Business Rule Summary Screen

The Business Rule Summary screen is the entry point for managing existing business rules. It displays rules in a table and provides controls to search, filter, create, view, edit, or delete rules.

- Use **Search Rules** to find a rule by keyword.
- Use the Dataset, Folder, Name, and Version filters to narrow the displayed list.

Note

The rule name is presented as a hyperlink that opens a view-only window displaying the Business Rule details.

- Select **Add** to create a new rule.
- Use the **Action** menu on each row to view, edit, or delete a rule.

Add a business rule

Click **Add** in the Business Rule Summary screen to create a new business rule. The business rule creation is divided into following steps:

- [Basic Details](#)
- [Source Setup](#)
- [Outcome Setup](#)
- [Combination Configuration](#)
- [Impact Preview](#)
- [Review and Submit](#)

Basic Details

Basic Details step captures the context of the rule.

1. Enter the following details in the Basic Details page:

Table 1-3 Basic Details

Field	Description
Name	Enter a unique business rule name.
Description	Add a description explaining the purpose of the rule and its intended use.
Folder	Select a folder of your choice from the drop-down menu.
Dataset	Select a suitable dataset from the drop-down menu. The View Dataset Details hyperlink opens a drawer panel that displays detailed information about the selected dataset. This screen displays the Dataset Details page for a selected rule dataset in a view-only format. On the left side, key metadata, including the Dataset ID, Rule Dataset Name, and Description. It also includes audit-related information such as Created By, Last Modified By, Authorized By, and corresponding dates. On the right, it presents the join conditions, filtering logic, and the list of selected tables used in the dataset.

Note

OFS IFRS9CS supports the following out-of-the-box datasets:

- a. Asset Instruments
- b. Derivative Instruments
- c. Liability Instruments
- d. Loan Commitment Instruments
- e. Off-Balance Sheet Instruments

2. Click **Continue** to proceed with the next step.

Source Setup

The **Source Setup** step defines the conditions under which the rule will apply. A rule can include multiple sources. Each source is added as a card that can later be edited, selected, or deleted.

Perform the following steps to add a source:

1. Select **Add Source** to open the source configuration workflow. The **Select Source Type** drawer panel is displayed.
2. Select the source type. There are two primary sources:
 - Dimension
 - Key dimension: hierarchy-based source
 - Non-key dimension: direct member selection
 - Input Text (Attribute-based source)
3. After sources are added, each source appears as a card on the **Source Setup** screen. The card displays the source name, selected values, source type, count of selected values, and action controls.
4. Click **Continue** to proceed with the next step.

Note

A maximum of ten dimensions, hierarchies, or input texts can be added as sources under **Add Source**.

Key dimension: hierarchy-based source

Use a hierarchy-based source when the selected dimension has a hierarchical structure. Select the dimension, choose the appropriate hierarchy, and then select one or more hierarchy members. This approach is suitable for structured data such as product, organization, geography, or account hierarchies.

1. Select **Dimension** as the source type.
2. Select the key dimension, such as **Product**.
3. Select the hierarchy associated with the dimension, such as **Product Hierarchy**.
4. Click **Continue**, the **Hierarchy Browser** is displayed.
5. Select the hierarchy members of your choice and click **Add**.
6. Click **Add Source** to create the source card. The source details is displayed in the **Source Setup** screen.

Non-key dimension: direct member selection

Use direct member selection for flat or non-hierarchical dimensions. Select the dimension and choose one or more members from the list.

1. Select **Dimension** as the source type.
2. Select the non-key dimension, such as **Book Type**.
3. Click **Continue**, the **Dimension Browser** is displayed.

4. Select one or more members, such as Trading Book and Others and click **Add**.
5. Click **Add Source** to create the source card. The source details is displayed in the **Source Setup** screen.

Input Text: attribute-based source

Use Input text when the condition is based on a table column and a user-supplied value.

1. Select **Input Text** as the source type.
2. Select the source table.
3. Select the source column.
4. Click **Continue**, the **Add Custom Input Values** is displayed.
5. Enter the value to be used in the condition and click **Add**.
6. Click **Add Source** to create the source card. The source details is displayed in the **Source Setup** screen.

Outcome Setup

The Outcome Setup step defines what the rule updates when a combination of source conditions is satisfied.

Perform the following steps to add an outcome:

1. Select **Add Outcome** to open the outcome configuration workflow. The **Select Outcome Type** drawer panel is displayed.
2. Select the outcome type. There are two primary sources:
 - Dimension based outcome
 - Expression based outcome
 - Predefined type
 - Custom type

Note

Outcome types must be consistent and cannot be of different types

3. After outcome is added, each outcome appears as a card on the **Outcome Setup** screen. The card displays the outcome name, selected values, outcome type, count of selected values, and action controls.
4. Click **Continue** to proceed with the next step.

Note

A maximum of five targets can be added.

Predefined expression outcome

1. Select the target table and target column from the drop-down menu in the **Select Outcome Type**.

2. Select **Expression based** as the update method.
3. Select **Predefined** as the expression type.
4. Click **Continue**, the **Select few Predefined Expressions** panel is displayed.
5. Select the expressions that the business rule may assign to the target column.
6. Click **Add Outcome** to create the outcome card. The outcome details is displayed in the **Outcome Setup** screen.

Custom expression outcome

1. Select the target table and target column from the drop-down menu in the **Select Outcome Type**.
2. Select **Expression based** as the update method.
3. Select **Custom** as the expression type.
4. Click **Continue**, the **Create few Custom Expressions** panel is displayed.
5. Enter expression name and the SQL statement. Click **Validate & Add** to confirm the expression before adding it as an outcome.
6. Click **Add Outcome** to create the outcome card. The outcome details is displayed in the **Outcome Setup** screen.

Dimension-based outcome

1. Select the target table and target column from the drop-down menu in the **Select Outcome Type**.
2. Select **Dimension based** as the update method.
3. Select **Dimension** from the drop-down menu.
4. Click **Continue**, the **Dimension Browser** panel is displayed.
5. Select one or more members from the Dimension Browser.
6. Click **Add Outcome** to create the outcome card. The outcome details is displayed in the **Outcome Setup** screen.

Combination Configuration

Combination Configuration converts the source conditions and outcomes into executable IF/THEN rule combinations. Each combination represents one set of source conditions and the target outcomes that should be applied when those conditions are true. This step supports automatic generation and manual creation. Automatic generation is recommended when all selected source values should be combined. Manual creation is useful when only selected combinations are valid or when the user needs to fine-tune condition values. Use **Search Combination** to find a combination by keyword.

Auto-generate combinations

Select **Auto Generate** to create combinations from the selected sources. A combination is created for each valid source–value pairing. Newly generated combinations initially show **Missing** outcome until the target outcomes are assigned.

Add or edit combinations manually

Steps to add/edit combinations manually:

1. Click the **Add(+)** button to create a combination manually.
2. The **Add Combination** drawer is displayed.
3. Enter a unique combination name. Select the source conditions from IF section and target outcomes from THEN section.
4. Click **Create**, the combination is displayed in the **Combination Configuration** .
5. Use the **Edit** action on a row to adjust an existing combination and click **Update** to confirm the changes.
6. Click **Continue** to proceed with the next step.

① Note

Each condition has an operator(Equals,Not Equals,In) and value control. The THEN section lists the configured target columns and requires an expression selection for each outcome.

Impact Preview

The **Impact Preview** step allows the user to test the configured rule before submission.

Enter required dataset parameters and select **Execute** to run the preview. The screen indicates that preview results are based on sample rows and may vary for the full dataset. On clicking a specific row, the **Row Trace** drawer is displayed, showing the condition evaluation details and outcome changes applied to the selected row.

Click **Continue** to proceed with the next step.

Review and Submit

The **Review and Submit** is the final step. It consolidates all rule information so the user can validate the configuration before creating the rule.

- **Basic Details:** confirms the name, description, folder, and dataset.
- **Rule Configuration:** summarizes sources and outcomes, including selected member counts.
- **Combinations:** confirms how many combinations are defined, configured, and still pending.
- **Preview Query:** displays the generated SQL merge statement for technical validation.

The Review and Submit screen displays a consolidated summary of the configured details, including the total number of defined, configured, and pending items.

Click **Submit** after reviewing the summary and generated query.

Editing a Business Rule

To edit a Business Rule:

1. Navigate to the **Business Rule Summary** screen.
2. Locate the required rule in the list.

3. Click the **Action** icon corresponding to the rule.
4. Click **Edit**.

The rule opens in edit mode, allowing you to modify the configuration across all steps (Basic Details, Source Setup, Outcome Setup, and so on).

5. Make the required changes.
6. Click **Submit** to save the updated rule.

Note

- After editing, the rule may require re-validation or re-submission.
- Only users with Read/Write privileges can edit a rule.
- The outcome type cannot be changed to a different type once configured.

Deleting a Business Rule

To delete a Business Rule:

1. Navigate to the **Business Rule Summary** screen.
2. Locate the required rule in the list.
3. Click the **Action** icon corresponding to the rule.
4. Click **Delete**.
5. Confirm the deletion when prompted.

Note

- Only users with Read/Write privileges can delete a rule.
- A rule cannot be deleted if it has active dependencies.

Glossary

Index