

# Oracle® Banking Origination

## Account Integration Guide



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# Preface

This topic contains the following sub-topics:

## Purpose

This guide is to help with Integration of Oracle Banking Origination Product with Oracle Banking Accounts (OBA) acting as the backend Product Processor

## Audience

This guide is intended for the Implementation and IT Staff to implement and maintain the software.

## Documentation Accessibility

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## Conventions

The following text conventions are used in this document:

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

# 1

## Integration Guide

This topic provides the information about the Bureau Integration Service.

User can integrate Oracle Banking Origination with Oracle Banking Accounts acting as the product processor of savings and current accounts through Oracle Banking Routing Hub. This guide briefs about the specific steps needed for integration of these two products and specific maintenance.

This topic contains the following subtopics:

### Maintenance for Oracle Banking Origination

This topic describes systematic instructions to maintain Oracle Banking Routing Hub configuration in common core for Bureau Integration Service.

To maintain Oracle Banking Routing Hub configuration in common core for Oracle Banking Accounts. .

**To import the services:**

1. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**.
2. Under **Routing Hub**, click **Service Consumers**.

The **Service Consumers** screen displays.

**Figure 1-1 Service Consumer**



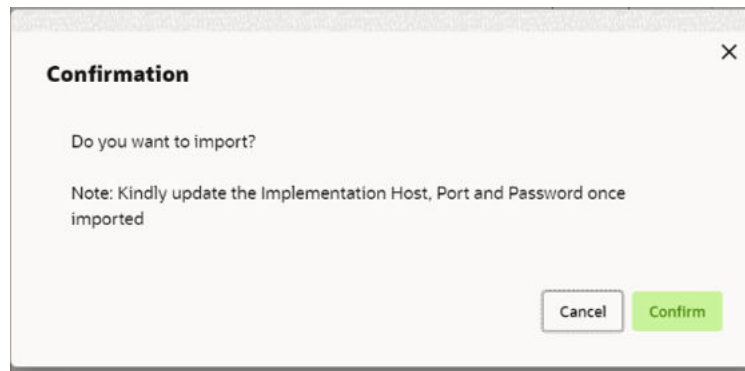
3. Click **Import** and upload the RPM\_ORIGINATION\_Consumer.json file provided in the release and click **Extract**.

**Figure 1-2 Success**



4. Select **RDDA** and click **Import**.

**Figure 1-3 Confirmation**



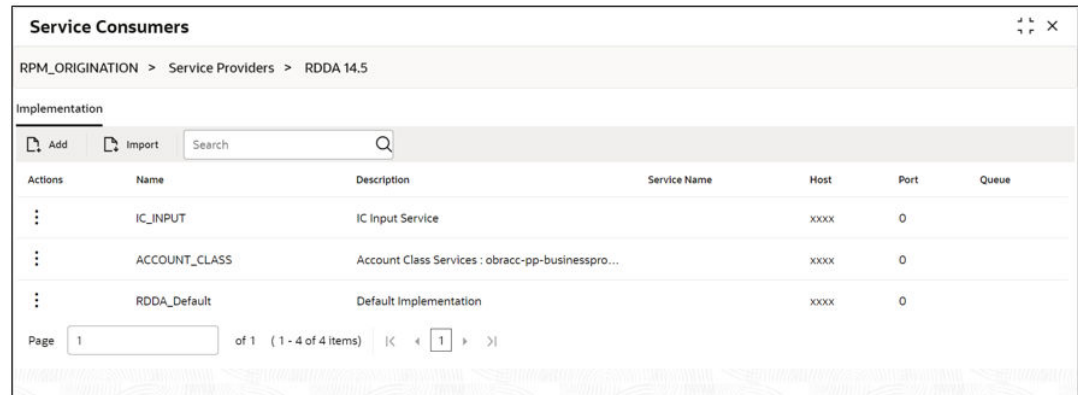
**Figure 1-4 RPM Origination**



5. Click **RPM\_ORIGINATION**.
6. Under **RPM\_ORIGINATION**, click **RDDA**.

**Figure 1-5 Service Providers**



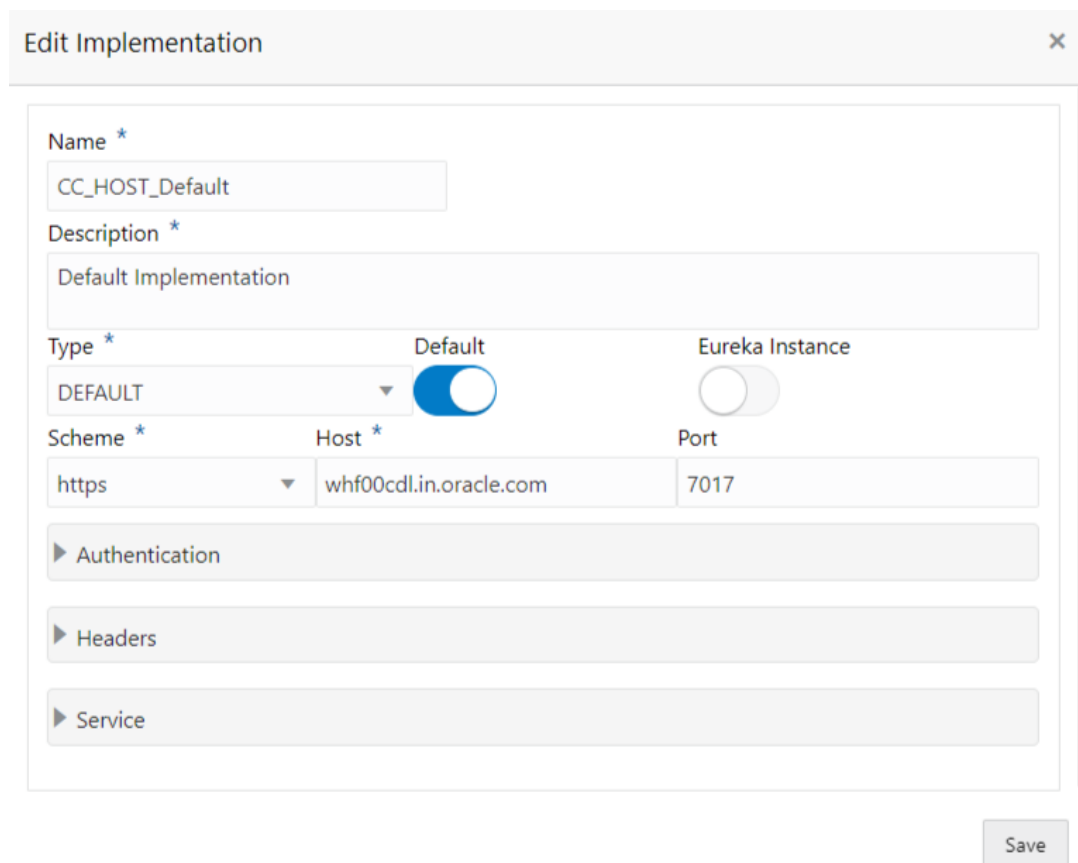
**Figure 1-6 RDDA Implementation**


The screenshot shows the 'Service Consumers' window with the breadcrumb 'RPM\_ORIGINATION > Service Providers > RDDA 14.5'. Below the breadcrumb is the 'Implementation' section with 'Add' and 'Import' buttons and a search bar. A table lists three implementations:

| Actions | Name          | Description                                       | Service Name | Host | Port | Queue |
|---------|---------------|---|--------------|------|------|-------|
| ⋮       | IC_INPUT      | IC Input Service                                  |              | XXXX | 0    |       |
| ⋮       | ACCOUNT_CLASS | Account Class Services : obracc-pp-businesspro... |              | XXXX | 0    |       |
| ⋮       | RDDA_Default  | Default Implementation                            |              | XXXX | 0    |       |

At the bottom, it shows 'Page 1 of 1 (1 - 4 of 4 items)' with navigation buttons.

7. Click **Edit**.
8. Change the host and port as per the Oracle Banking Accounts installation and save it.

**Figure 1-7 Edit Implementation**


The screenshot shows the 'Edit Implementation' form. It contains the following fields and controls:

- Name \***: Text input field containing 'CC\_HOST\_Default'.
- Description \***: Text input field containing 'Default Implementation'.
- Type \***: Dropdown menu set to 'DEFAULT'.
- Default**: Toggle switch, currently turned on.
- Eureka Instance**: Toggle switch, currently turned off.
- Scheme \***: Dropdown menu set to 'https'.
- Host \***: Text input field containing 'whf00cdl.in.oracle.com'.
- Port**: Text input field containing '7017'.
- Authentication**: Expandable section (indicated by a right-pointing triangle).
- Headers**: Expandable section (indicated by a right-pointing triangle).
- Service**: Expandable section (indicated by a right-pointing triangle).
- Save**: Button at the bottom right.

9. Repeat the same for all the Oracle Banking Accounts Service Providers.
10. The below consumer services will be imported.



**Table 1-1 Consumer Service**

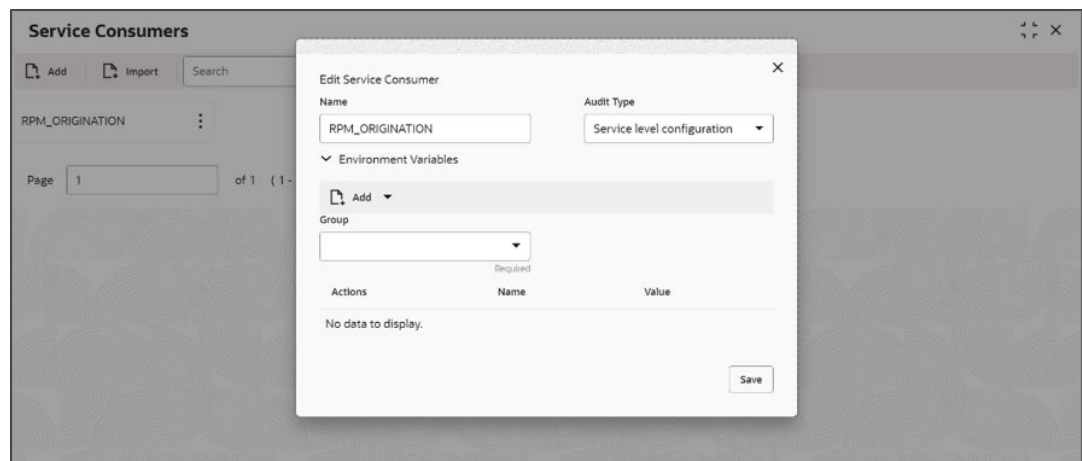
| Consumer Service  | Description   |
|---|---|
| <b>IPA Details (Home Loan)</b>                                | <b>Displays the IPA details for Home Loan.</b>  |
| Get_Channels_Allowed_List                                     | <b>Usage:</b> Create Liability<br><b>Transformation:</b> Get_Channels_Allowed_List_Transform_RDDA   |
| Customer_Liability_Linkage                                    | <b>Usage:</b> Create Customer Liability<br><b>Transformation:</b> Customer_Liability_Linkage_Transform_RDDA   |
| CASA_Account_Creation   | <b>Usage:</b> Create CASA Account<br><b>Transformation:</b> CASA_Account_Creation_Transform_RDDA  |
| Get_Liability_Interest_Details                                | <b>Usage:</b> Fetch Liability Interest and Charge Details<br><b>Transformation:</b> Get_Liability_Interest_Details_Transform_RDDA                                       |
| Get_Liability_Product_Details                                 | <b>Usage:</b> Fetch Liability Product Details<br><b>Transformation:</b> Get_Liability_Product_Details_Transform_RDDA  |
| List_All_Liability_Products                                   | <b>Usage:</b> List Liability Products<br><b>Transformation:</b> List_All_Liability_Products_Transform_RDDA  |
| Get_Customer_Liability_Details                                | <b>Usage:</b> Fetch Customer Limit Details<br><b>Transformation:</b> Get_Customer_Liability_Details_Transform_RDDA  |
| Get_Liability_Details   | <b>Usage:</b> Fetch Liability Details<br><b>Transformation:</b> Get_Liability_Details_Transform_RDDA  |
| ACC_TO_ACC_TRANSFER   | <b>Usage:</b> Account to Account Fund transfer<br><b>Transformation:</b> ACC_TO_ACC_TRANSFER  |
| Collateral_Creation_Collateral_Creation                       | <b>Usage:</b> Handles the creation and setup process for collateral items.<br><b>Transformation:</b> Collateral_Creation_Transform_RDDA                                 |
| getiracustomerplan_getiracustomerplan                         | <b>Usage:</b> Retrieves IRA (Individual Retirement Account) customer plan details.<br><b>Transformation:</b> getiracustomerplanTransform                                |
| Get_Default_Product_Preferences_Get_Liability_Product_Details | <b>Usage:</b> Obtains default product preferences and details of liability-related products.<br><b>Transformation:</b> Get_Liability_Product_Details_Transform_RDDA_IRA |
| GET_IRA_PLAN_TYPE_IRA_PLAN_TYPE                               | <b>Usage:</b> Fetches and processes IRA plan type information.<br><b>Transformation:</b> IRA_PLAN_TYPE_TRANSFORMATION   |
| Get_Liability_Product_Details_Get_IC_Interest_Details         | <b>Usage:</b> Retrieves liability product information along with interest calculation details.<br><b>Transformation:</b> Get_IC_Interest_Details_Transform_RDDA         |
| Get_Liability_Product_Details_Get_Liability_Product_Details   | <b>Usage:</b> Gathers and consolidates detailed information about liability products.<br><b>Transformation:</b> Get_Liability_Product_Details_Transform_RDDA_IRA        |
| GET_RATE_CODES_GET_RATE_CODES                                 | <b>Usage:</b> Obtains rate code information for specific business processes.<br><b>Transformation:</b> GET_RATE_CODES_Transform_RDDA                                    |
| PreRequisitesSearch   | <b>Usage:</b> Searches and identifies prerequisite requirements or entities.<br><b>Transformation:</b> PrerequisiteSearch   |
| VALIDATE_IRA_TRANS  | <b>Usage:</b> Validates IRA (Individual Retirement Account) transactions.<br><b>Transformation:</b> iratxnContribution  |

## Maintenance for Product Processor as environment variable

This topic describes systematic instructions to maintain Oracle Banking Routing Hub configuration in common core for Oracle Banking Accounts.

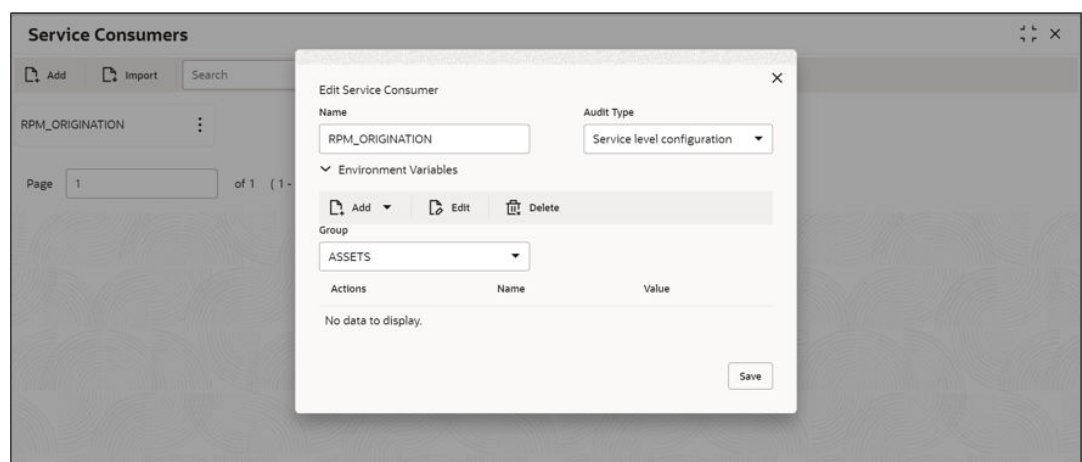
1. From **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**.
2. Under **Routing Hub**, click **Service Consumers**.
3. Click **Edit**.

**Figure 1-8 Edit Service Consumer**

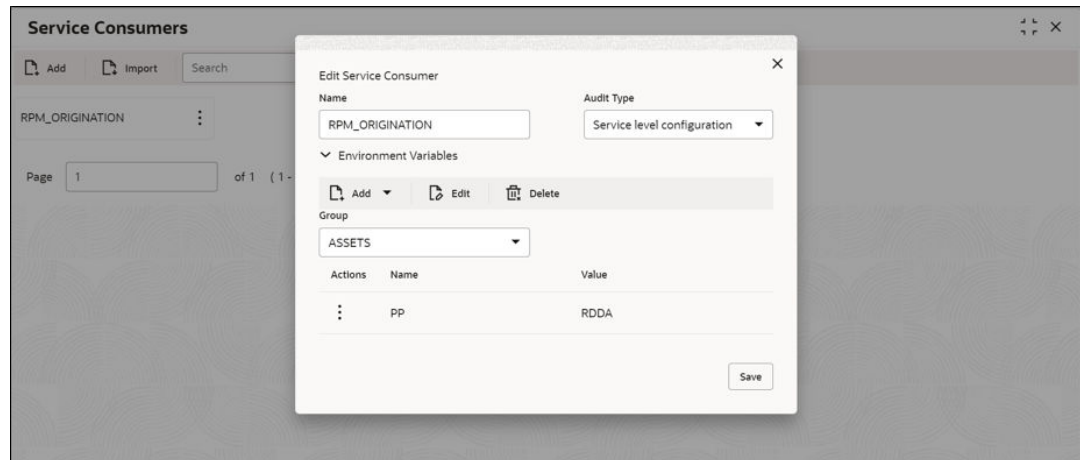


4. Under Environment Variables, add **ASSETS** as new group

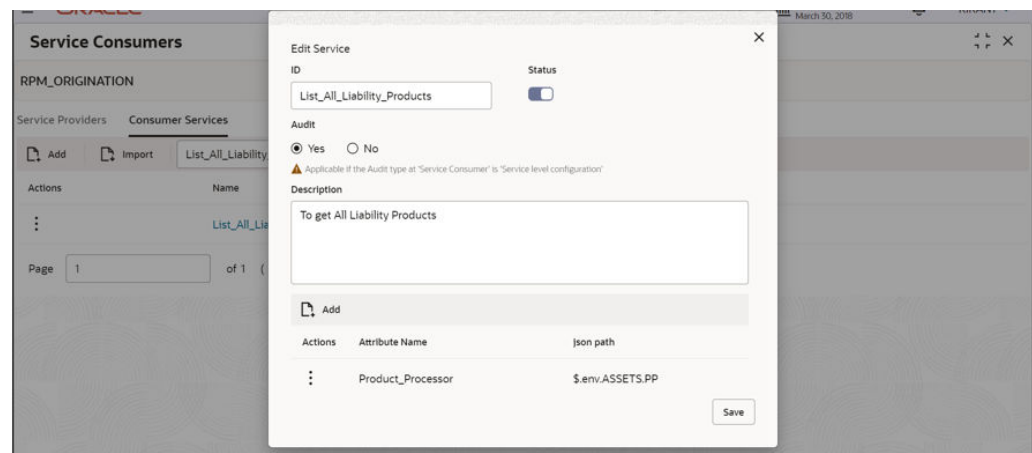
**Figure 1-9 Add Group**



5. Add **PP** as new variable, **OBA** as value and **save** it.

**Figure 1-10 Add Variable**

6. Click **RPM\_ORIGINATION**.
7. Under **RPM\_ORIGINATION**, click **Consumer Services**.
8. Follow below steps for all consumer services mentioned.
  - a. Search **List\_All\_Liability\_Products**.
  - b. Click **Edit**.
  - c. Add **Product\_Processor** as new attribute, add json path and **save** it.

**Figure 1-11 Add Attribute**

- d. Click on **List\_All\_Liability\_Products** Consumer service.
- e. Click on **Routing**.
- f. Click on **Edit** for List\_All\_Liability\_Products\_Route\_RDDA route.
- g. Click on **Custom Rule**. Click on **Expression Editor**.
- h. Add Product\_Processor as attribute (point 8.c) & "RDDA" as value(point 5). **Save** it.

Figure 1-12 Expression Editor

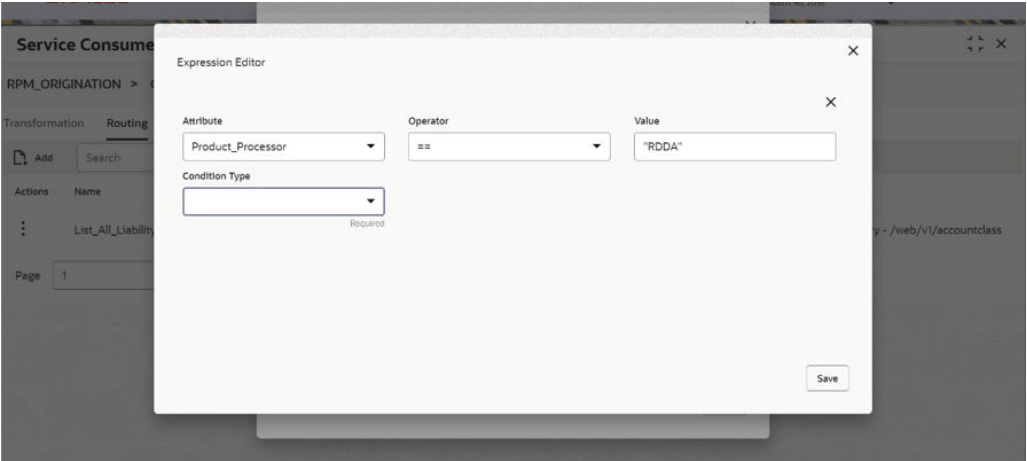
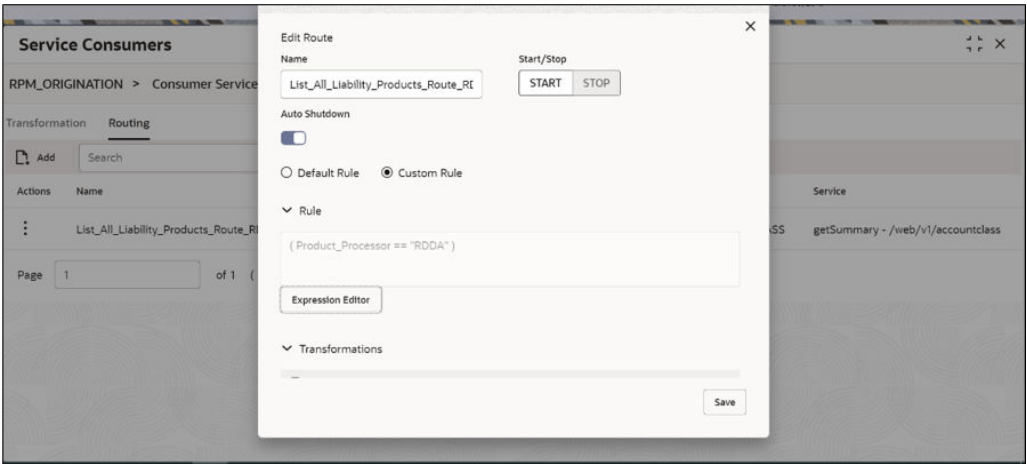
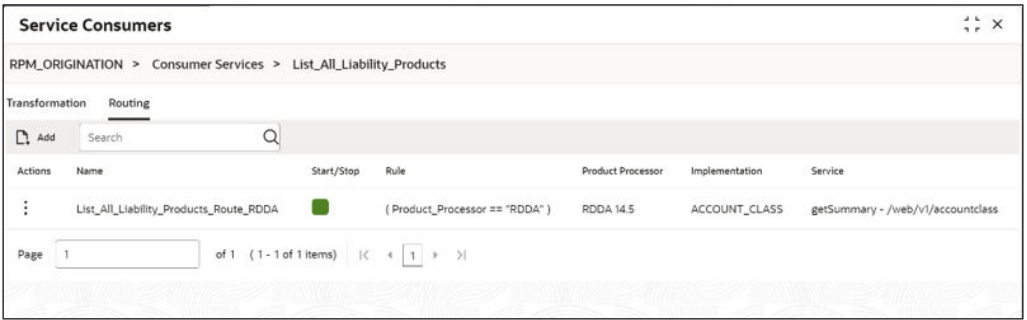


Figure 1-13 Saved Expression



i. Save it.

Figure 1-14 Saved route



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