

Oracle® Banking Origination

Retail Deposit 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 with Oracle Banking Retail Deposit (OBRDEP) module 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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Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

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.
<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.

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

Acronyms and Abbreviations

The list of the acronyms and abbreviations used in this guide are as follows:

Table 1 Acronyms table

Abbreviation	Description
DDL	Data Definition Language
JDBC	Java Database Connectivity
JDK	Java Development Kit
LLM	Large Language Model
ML	Machine Language
OBMA	Oracle Banking Microservices Architecture
OCR	Optical Character Recognition
OSDC	Oracle Software Delivery Cloud
RPM	Red Hat Package Manager
UI	User Interface

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Introduction

This topic provides the information about the Oracle Banking Retail Direct Deposit Account Integration Service.

User can integrate Oracle Banking Origination with Oracle Retail Direct Deposit Account acting as the product processor of Term deposit account through Oracle Banking Routing Hub. This guide briefs about the specific steps needed for integration of these two products and specific maintenance.

Maintenance for Oracle Banking Origination

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

To manage the configuration of the Oracle Banking Routing Hub within the common core for Oracle Banking Retail Deposits

To import the services:

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

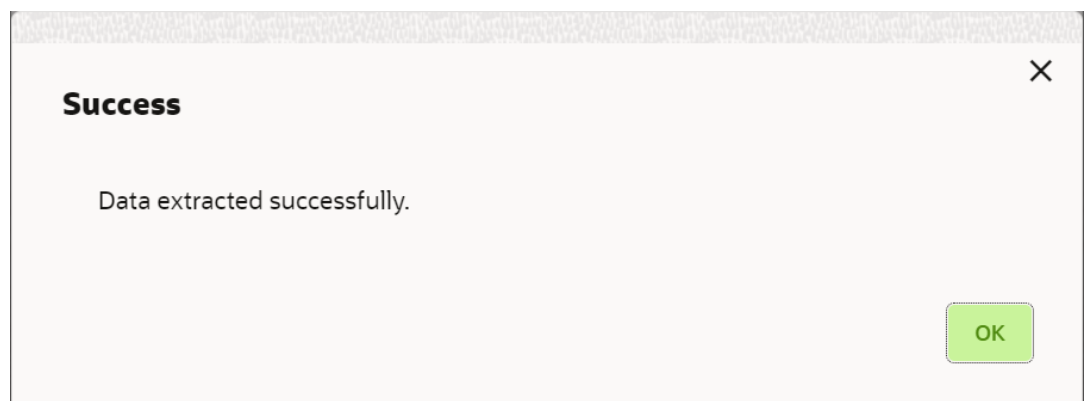
The **Service Consumers** screen is displayed.

Figure 1-1 Service Consumers



2. Select **Import Service Consumer** and upload the RPM_ORIGINATION_Consumer.json file provided in the release and then click **Extract**.

Figure 1-2 Success



3. Select **OBRDEP** and click **Import**.

Figure 1-3 Service Providers

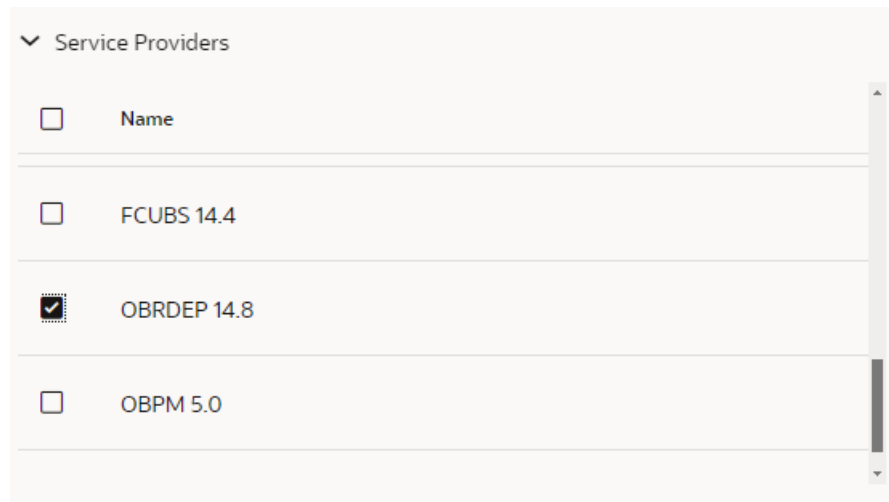


Figure 1-4 Confirmation

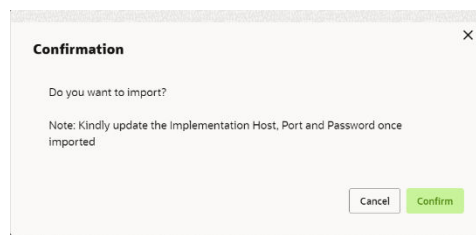
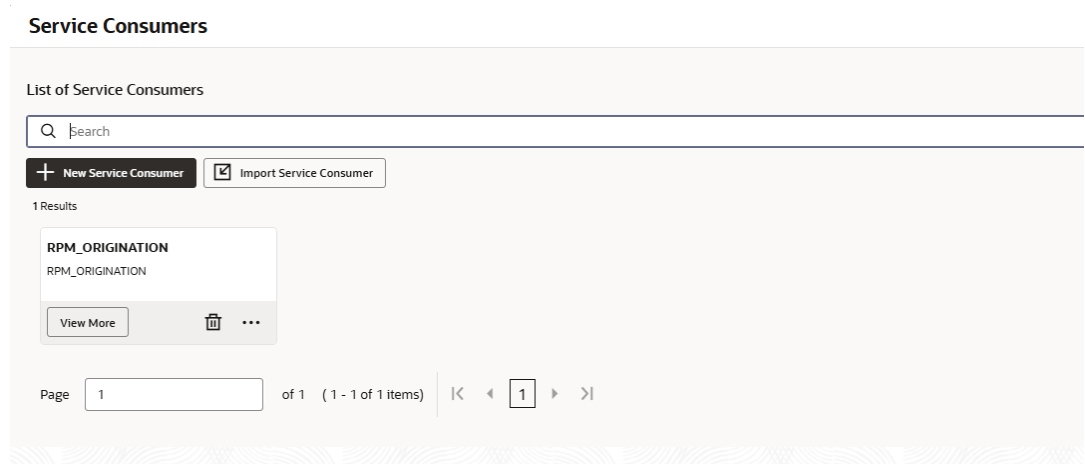


Figure 1-5 RPM Origination



4. Click **RPM_ORIGINATION**. Under **RPM_ORIGINATION**, click **OBRDEP**.
The **Service Provider** screen displays.

Figure 1-6 Service Provider

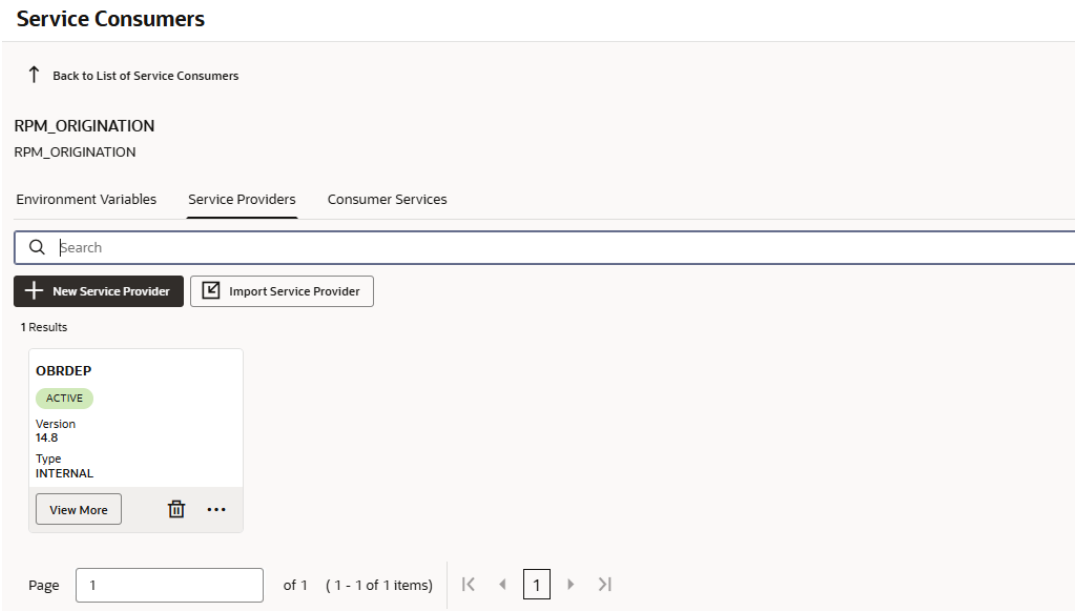
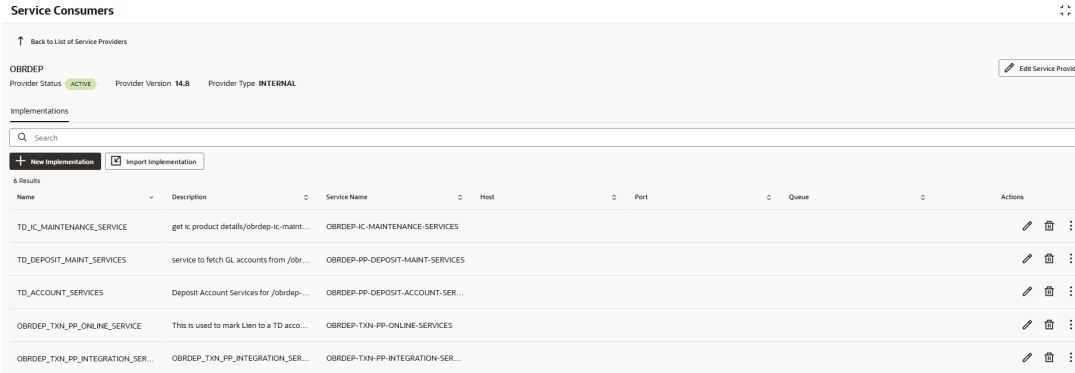


Figure 1-7 RDEP Implementation



- 5. Click **Edit**.
- 6. Change the host and port as per the Oracle Banking Retail Deposit installation. Click **Next** and save it.

The **Edit Implementation** screen displays.

Figure 1-8 Edit Implementation

Edit Implementation

Implementation Details (1/4)

Implementation Name: TD_IC_MAINTENANCE_SERVICE

Implementation Description: get ic product details/obrdep-ic-maintenance-services/icdprmnt

Implementation Type: Default

Default: ☐

Eureka Instance: ☐

Single Tenant: ☐

Scheme: http

Service Name: OBRDEP-IC-MAINTENANCE-SERVI

Host: 127.0.0.0

Port: 8080

Use WSDL details (scheme, host and port) for SOAP service invocation: ☐

Next Step

7. Repeat the same for all the RDEP Service Providers.
The below consumer services will be imported.

Table 1-1 Consumer Service

Consumer Service	Description
TD_Account_Creation	Usage: Create Term Deposit Account Transformation: TD_Account_Creation_Transform_OBRDEP
TD_Simulation	Usage: Get simulated data of the interest and maturity value for the TD account Transformation: TD_Simulation_Transform_OBRDEP ,TD_Simulation_Get_UDE_Transform_OBRDEP
TD_Get_Interest_Details	Usage: Get Interest Details For Term Deposit Transformation: TD_Get_Interest_Details_Transform_OBRDEP
TD_Fetch_GL_Accounts	Usage: Fetch GL Account Details Transformation: Get_GL_Accounts_Transform_OBRDEP
fetchTdAccount	Usage: Fetch TD accounts Transformation: fetchTdAccount_obrdep
createTDamtBlk	Usage: This is used to perform Lien Marking on TD Transformation: createTDamtBlk
closeTDamtBlk	Usage: This is used to unmark Lien Transformation: closeTDamtBlk
TD_Fetch_GL_Accounts	Usage: This is used to get GL account. Transformation: GET_GL_ACC_OBRDEP

Table 1-1 (Cont.) Consumer Service

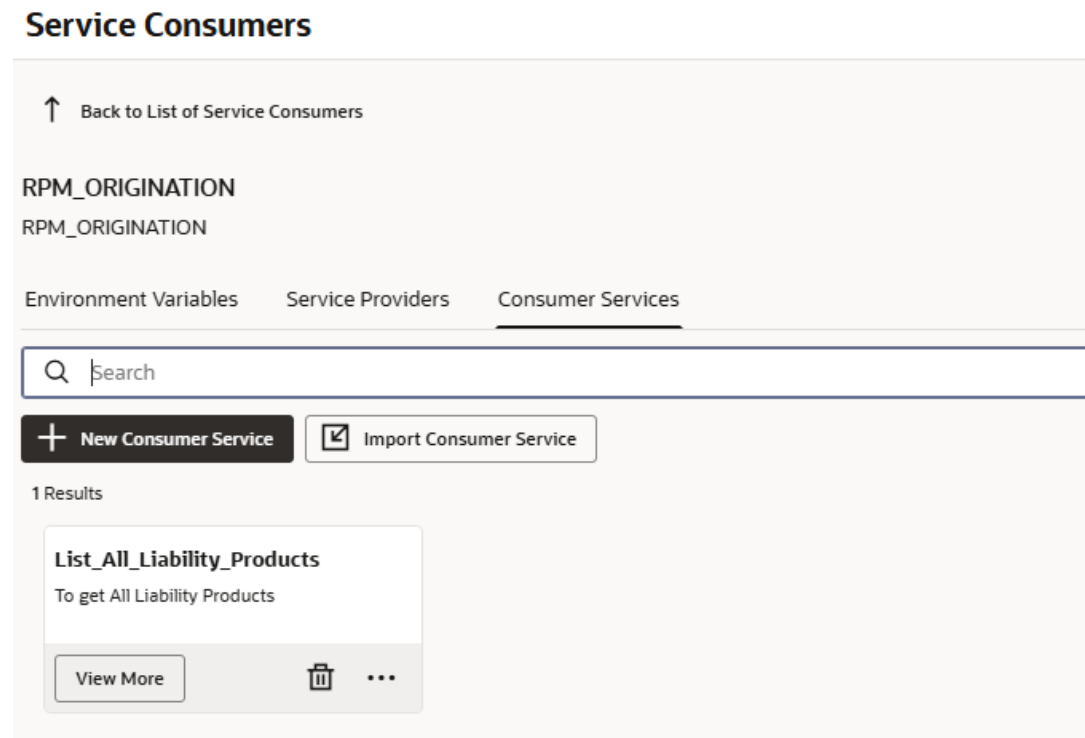
Consumer Service	Description
Fetch_APY	Usage: Retrieves the Annual Percentage Yield (APY) values for financial products or accounts. Transformation: Fetch_APY_fetchAPY_Transformation
Get_Default_Product_Preferences	Usage: Obtains the default configuration or preference settings for specified products. Transformation: Get_Liability_Product_Details_Transform_IRA_TD
Get_Liability_Product_Details	Usage: Fetches detailed information about liability Transformation: Get_UDE_Vals_Details_Transform_OBRDEP_IRA
Get_Liability_Product_Details	Usage: Fetches detailed information about liability Transformation: Get_UDE_Vals_Details_Transform_OBRDEP
TD_Account_Creation	Usage: Handles the creation and onboarding process of new Term Deposit (TD) accounts. Transformation: IRATD_Account_Creation_Transform_OBRDEP
TD_Account_Creation	Usage: Handles the creation and onboarding process of new Term Deposit (TD) accounts. Transformation: IRATD_Account_Get_UDE_Transform_OBRDEP
TD_Simulation	Usage: Simulates various scenarios or calculations related to Term Deposit (TD) accounts. Transformation: TD_Simulation_Transform_IRA

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 Retail Deposit.

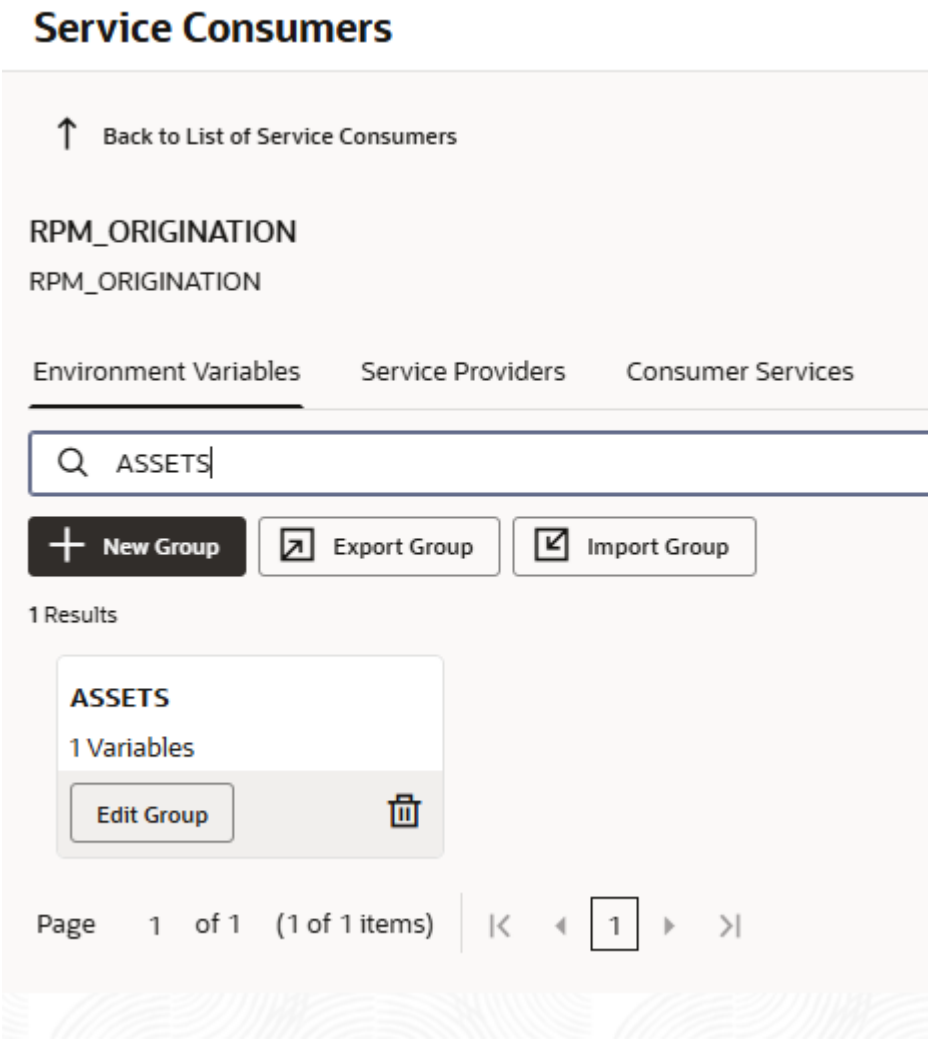
1. On **Home screen**, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**. Under **Routing Hub**, click **Service Consumers**.
2. Click **View More**.

The View More screen displays.

Figure 1-9 View Service Consumer

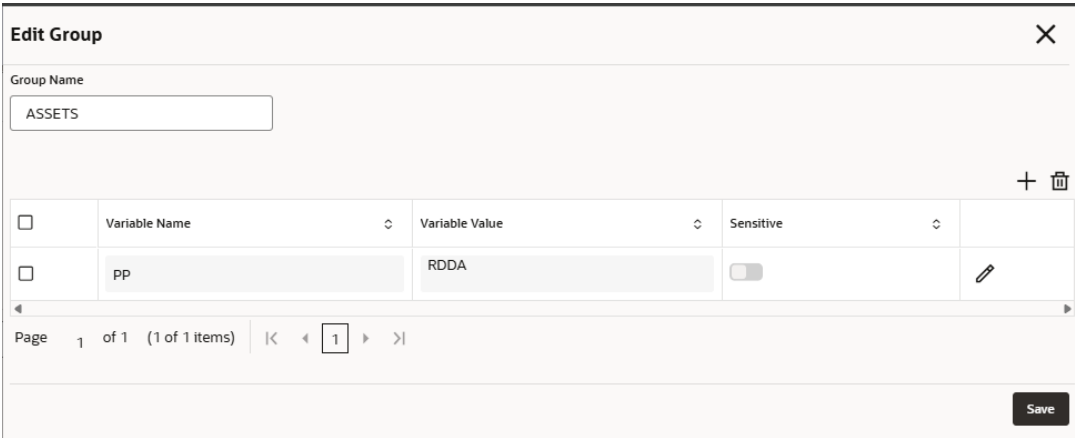
3. Under **Environment Variables**, Click **New Group** and create new group as **ASSETS**.
The Service Consumer screen displays.

Figure 1-10 Add Group



4. Once the **ASSETS** group is created, select **Edit Group**, add a variable named **PP**, and assign it the value **RDDA**.

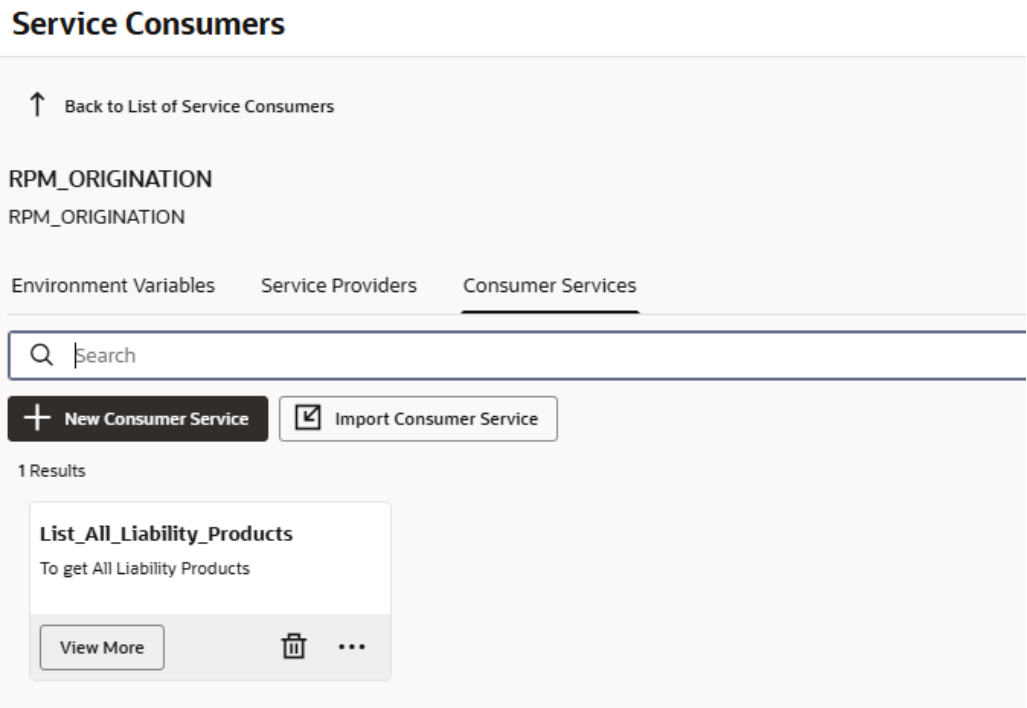
Figure 1-11 Add Variable



- 5. Click **RPM_ORIGINATION**. Under **RPM_ORIGINATION**, click **Consumer Services**.
- 6. Follow below steps for all consumer services mentioned in point number 10 of 2.2 section.
 - a. Search **List_All_Loan_Products**.
 - b. Click **View More**.

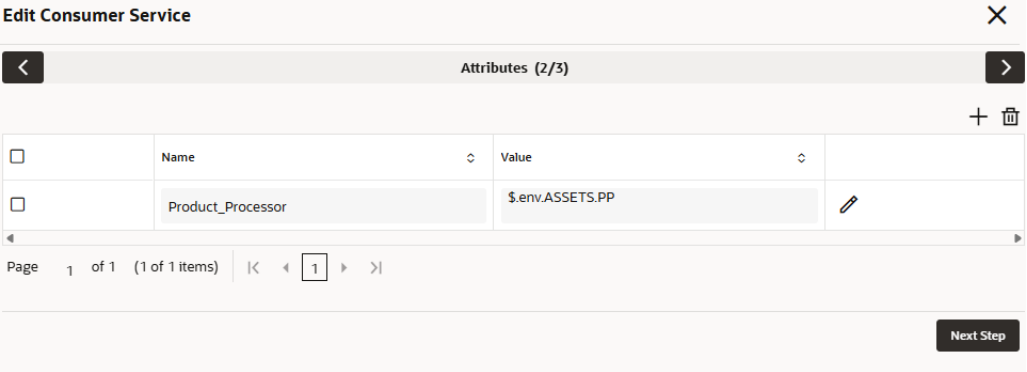
The **View Consumer Services** screen displays.

Figure 1-12 View Consumer Services



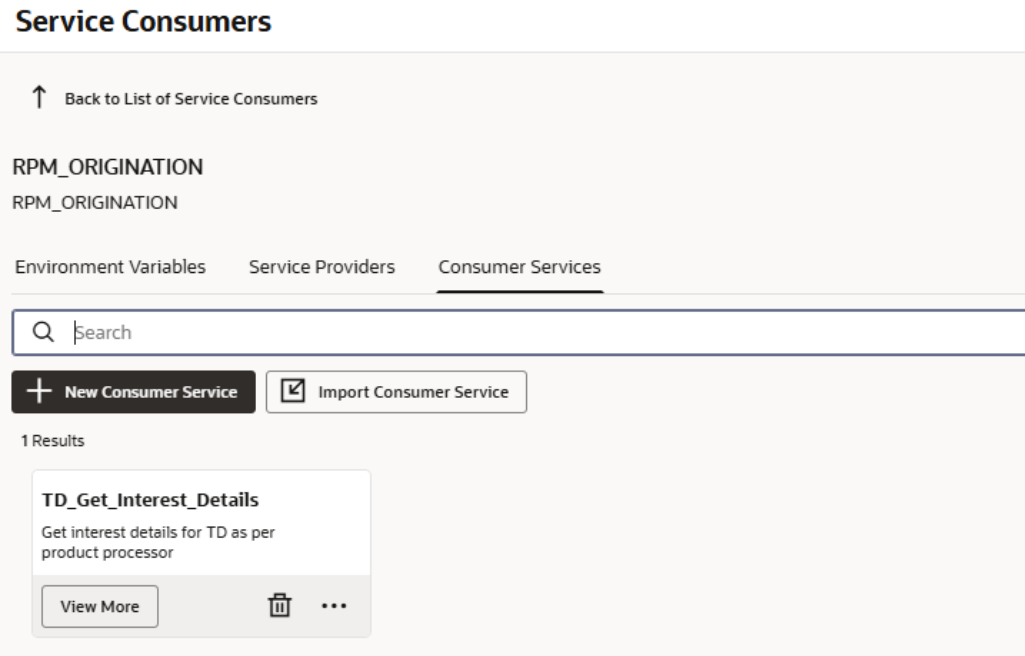
- c. Add **Product_Processor** as a new attribute, include the JSON path, and save the changes.

Figure 1-13 Add Attribute



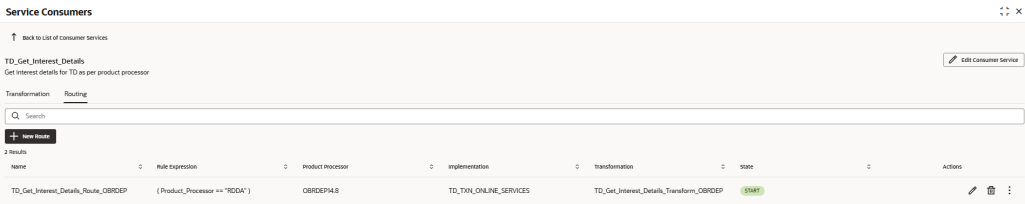
- d. Search **TD_Get_Interest_Details** under **Consumer service** and select **View More**.

Figure 1-14 Consumer Services



- e. Click on **Routing**. Click on **Edit** for **TD_Get_Interest_Details_Route_OBRDEP** route.

Figure 1-15 Service Consumers



- f. Click **Custom**, under **Rule**. Click on



.

Figure 1-16 Edit Route

Edit Route

<

Routing Details (1/2)

>

Name

TD_Get_Interest_Details_Route_OBRDEP

State

Start

Stop

Auto Shutdown

Rule

Default

Custom

Expression

(Product_Processor == "RDDA")

<div></div>	Attribute	Operator	Value	Condition Type	
<div></div>	Product_Processor	==	"RDDA"		<div></div>

Page 1 of 1 (1 of 1 items)

<

<

1

>

>

Next Step

g. Add **Product_Processor** as attribute and **RDDA**. Click



Figure 1-17 Saved Route

↑ Back to List of Consumer Services

TD_Get_Interest_Details

Get interest details for TD as per product processor

Transformation

Routing

Search

New Route

2 Results

Name	Rule Expression	Product Processor	Implementation	Transformation	State
TD_Get_Interest_Details_Route_OBRDEP	(Product_Processor == "RDDA")	OBRDEPI4.8	TD_TXN_ONLINE_SERVICES	TD_Get_Interest_Details_Transform_OBRDEP	Start

Glossary

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