Oracle Banking Branch

Integration Guide

14.7.1.0.0
F83479-01
May 2023

ORACLE

Oracle Banking Branch Integration Guide, 14.7.1.0.0

F83479-01

Contents

1 Integration of FLEXCUBE Universal Banking

2 Integration of Oracle Banking Payments

3 Integration of Oracle Banking Virtual Account Management

Preface

This guide helps you integrate the Oracle Banking Branch product with FLEXCUBE Universal Banking, Oracle Banking Payments, and Oracle Banking Virtual Account Management.

This topic contains the following subtopics:

Audience

This guide is primarily intended for the following user/user role:

Table User Roles - Description

Role	Function
Implementation and IT Staff	Implementation and maintenance of the software

Related Resources

The related documents in the Oracle Banking Branch Documentation Library are as follows:

- *Getting Started User Guide*
- *Oracle Banking Common Core User Guide*
- *Teller User Guide*
- *Oracle Banking Security Management System User Guide*

The related documents in the FLEXCUBE Universal Banking Documentation Library are as follows:

- *Common Core - Gateway User Guide*
- *Core Entities User Guide*
- *Relationship Pricing User Guide*
- *FLEXCUBE UBS - ELCM Integration Guide*

The related documents in the Oracle Banking Payments Documentation Library are as follows:

- *Payments Core User Guide*

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.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

List of Topics

This guide is organized into the following topics:

Table List of Topics

Topic	Description
Integration of FLEXCUBE Universal Banking	This chapter provides instructions to integrate the Oracle Banking Branch product with FLEXCUBE Universal Banking.
Integration of Oracle Banking Payments	This chapter provides instructions to integrate the Oracle Banking Branch product with Oracle Banking Payments.
Integration of Oracle Banking Virtual Account Management	This chapter provides instructions to integrate the Oracle Banking Branch product with Oracle Banking Virtual Account Management.

Screenshot Disclaimer

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

1

Integration of FLEXCUBE Universal Banking

The FLEXCUBE Universal Banking can be integrated with the Oracle Banking Branch through specific maintenances.

The Oracle Banking Branch needs to be integrated with the FLEXCUBE Universal Banking. The following maintenance procedures are needed to integrate these two products.

This topic contains the following subtopics:

- Maintenance for FLEXCUBE Universal Banking
  You need to perform the maintenance in the FLEXCUBE Universal Banking for a particular source system (*OBTLR*) and (*OBSRV*) to complete the gateway setup.
- Maintenance for Oracle Banking Branch
- Maintenance for Core Replication
  The FLEXCUBE Universal Banking is the host system that replicates the data to Plato core.

1.1 Maintenance for FLEXCUBE Universal Banking

You need to perform the maintenance in the FLEXCUBE Universal Banking for a particular source system (*OBTLR*) and (*OBSRV*) to complete the gateway setup.

This topic contains the following subtopics:

- Maintain Upload Source
  You need to perform the upload source maintenance in the FLEXCUBE Universal Banking for the source system (OBTLR).
- Maintain Upload Source Preferences
  You need to maintain the upload source preferences in the FLEXCUBE Universal Banking for the source system (*OBTLR*).
- Maintain External System
  You need to perform the external system maintenance in the FLEXCUBE Universal Banking for the source system (OBTLR).
- Maintain External System Functions
  You need to maintain the external system functions in the FLEXCUBE Universal Banking for the source system (OBTLR and EXTSYS).
- Maintain Gateway Amendment
  You need to perform the gateway amendment maintenance in the FLEXCUBE Universal Banking for the source system (OBTLR).
- Maintain Customer
  You need to maintain the utility provider details in the FLEXCUBE Universal Banking on the **Customer Maintenance** screen.
- Relationship Pricing Integration

1.1.1 Maintain Upload Source

You need to perform the upload source maintenance in the FLEXCUBE Universal Banking for the source system (OBTLR).

Log in to FLEXCUBE Universal Banking Homepage. For information on how to log in, refer to the *Procedures User Guide* in the FLEXCUBE Universal Banking Documentation Library.

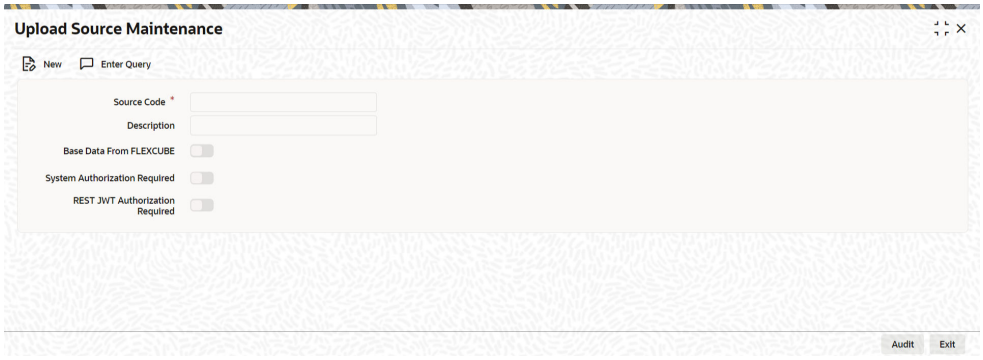
To maintain the upload source:

1. On the Homepage, specify **CODSORCE** in the text box, and click the next arrow.

   The **Upload Source Maintenance** screen is displayed.

2. On the **Upload Source Maintenance** screen, specify the details in the fields as shown in the figure. For information on the fields, refer to the *Common Core - Gateway User Guide* in the FLEXCUBE Universal Banking Documentation Library.

Figure 1-1 Upload Source Maintenance



1.1.2 Maintain Upload Source Preferences

You need to maintain the upload source preferences in the FLEXCUBE Universal Banking for the source system (*OBTLR*).

Log in to FLEXCUBE Universal Banking Homepage. For information on how to log in, refer to the *Procedures User Guide* in the FLEXCUBE Universal Banking Documentation Library.

To maintain the upload source preferences:

1. On the Homepage, specify **CODUPLDM** in the text box, and click the next arrow.

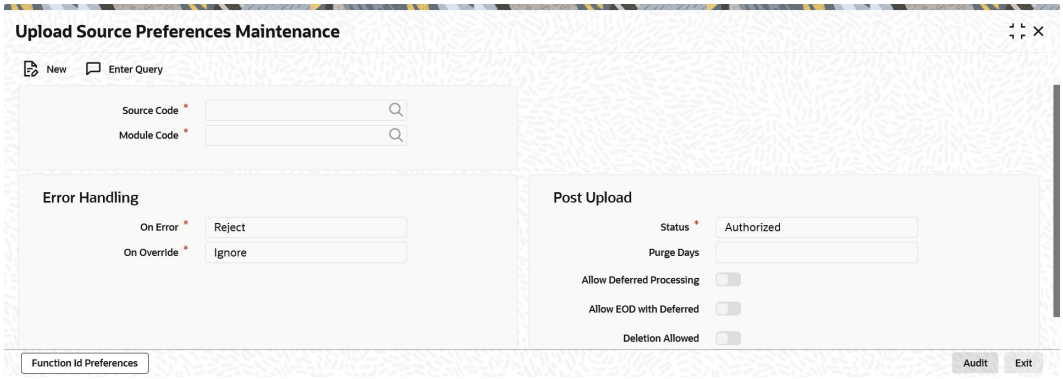
   The **Upload Source Preferences Maintenance** screen is displayed.

2. On the **Upload Source Preferences Maintenance** screen, maintain the source system (OBTLR) for the following module codes. For information on the fields, refer to the *Common Core - Gateway User Guide* in the FLEXCUBE Universal Banking Documentation Library.

   - IC
   - CO
   - AC

- CS
- DL
- IA
- IF
- ST
- CA
- CL
- CI

Figure 1-2 Upload Source Preferences Maintenance

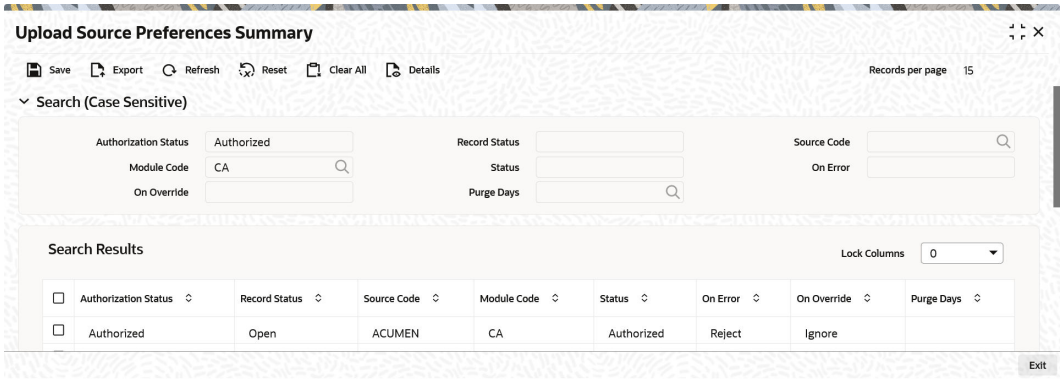


3. On the Homepage, specify **COSUPLDM** in the text box, and click the next arrow.

   The **Upload Source Preferences Summary** screen is displayed.

4. On the **Upload Source Preferences Summary** screen, verify the maintained source codes and module codes. For information on the fields, refer to the *Common Core - Gateway User Guide* in the FLEXCUBE Universal Banking Documentation Library.

Figure 1-3 Upload Source Preferences Summary



1.1.3 Maintain External System

You need to perform the external system maintenance in the FLEXCUBE Universal Banking for the source system (OBTLR).

Log in to FLEXCUBE Universal Banking Homepage. For information on how to log in, refer to the *Procedures User Guide* in the FLEXCUBE Universal Banking Documentation Library.

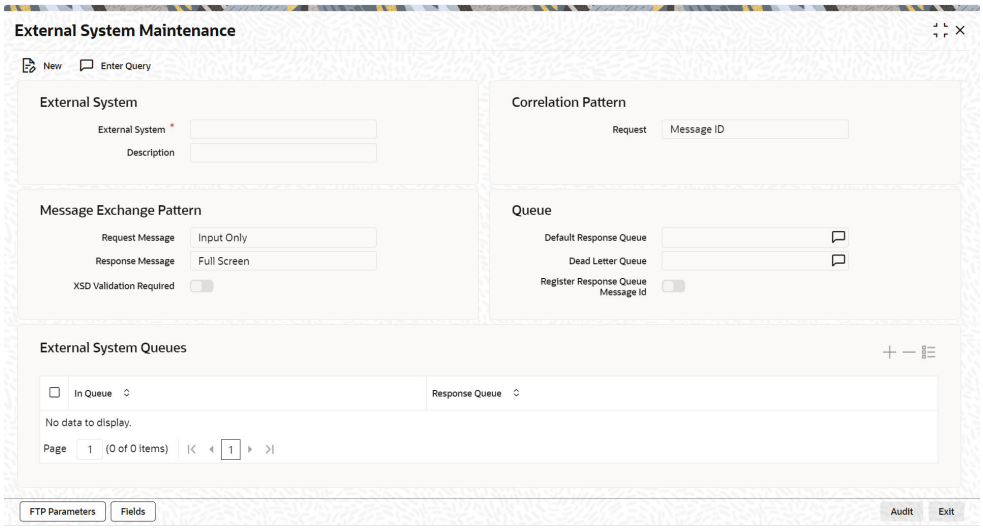
To maintain the external system:

1. On the Homepage, specify **GWDETSYS** in the text box and click the next arrow.

   The **External System Maintenance** screen is displayed.

2. On the **External System Maintenance** screen, specify the details in the fields as shown in the figure. For information on the fields, refer to the *Common Core - Gateway User Guide* in the FLEXCUBE Universal Banking Documentation Library.

Figure 1-4 External System Maintenance



1.1.4 Maintain External System Functions

You need to maintain the external system functions in the FLEXCUBE Universal Banking for the source system (OBTLR and EXTSYS).

Log in to FLEXCUBE Universal Banking Homepage. For information on how to log in, refer to the *Procedures User Guide* in the FLEXCUBE Universal Banking Documentation Library.

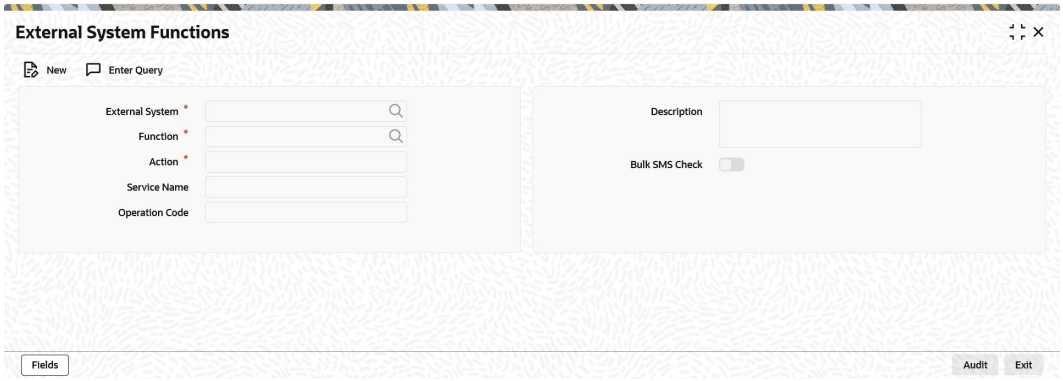
Maintain the external system functions as follows:

1. On the Homepage, specify **GWDETFUN** in the text box, and click the next arrow.

   The **External System Functions** screen is displayed.

2. On the **External System Functions** screen, specify the details in the fields as shown in the figure. For information on the fields, refer to the *Common Core - Gateway User Guide* in the FLEXCUBE Universal Banking Documentation Library.

Figure 1-5 External System Functions



The details of external system functions for each screen are provided in table.

Table 1-1 Details for External System - OBTLR

Function Code	Screen Name	Screen Type	Details of external call	FUNCTION ID	ACTION
TDO1	TD Account Opening	Transaction Screen	FCUBSAccService/CreateTDCustAcc	*STGCUSTD*	NEW
			FCUBSSTService/QueryAccClasMaint	*STQACCLS*	NEW
TDR1	TD Redemption Against Cash	Transaction Screen	FCUBSTDService/CreateTDRedem	*ICGREDMN*	NEW
			FCUBSAccService/QueryCustAccBalance	*ACQABLQY*	VIEW
TDR2	TD Redemption Against Account	Transaction Screen	FCUBSTDService/CreateTDRedem	*ICGREDMN*	NEW
			FCUBSAccService/QueryCustAccBalance	*ACQABLQY*	VIEW
TDT1	TD Top-Up Against Cash	Transaction Screen	FCUBSAccService/CreateTDTopUp	*STGTDTOP*	NEW
			FCUBSAccService/QueryTDCustAcc	*STQCUSTD*	VIEW
TDT2	TD Top-Up Against Account	Transaction Screen	FCUBSAccService/CreateTDTopUp	*STGTDTOP*	NEW
			FCUBSAccService/QueryTDCustAcc	*STQCUSTD*	VIEW
1301	Close-out Withdrawal by Cash	Transaction Screen	FCUBSAccService/CloseCustAcc	*STGCUSAC*	CLOSE
			FCUBSAccService/QueryCustAccBalance	*ACQABLQY*	VIEW
1320	Close-out Withdra	Transaction Screen	FCUBSAccService/CloseCustAcc	*STGCUSAC*	CLOSE

Table 1-1 (Cont.) Details for External System - OBTLR

Function Code	Screen Name	Screen Type	Details of external call	FUNCTION ID	ACTION
	wal by Account		FCUBSAccService/QueryCustAccBalance	*ACQABLQY*	VIEW
ACBL	Account Balance Inquiry	Inquiry Screen	FCUBSAccService/QueryAcctBal	*STQCUSBL*	VIEW
ACST	Account Statement Request	Transaction Screen	FCUBSAccFinService/RequestAccStmt	*GWACSTMT*	VIEW
CQRQ	Cheque Book Request	Transaction Screen	FCUBSAccService/CreateCheckBook	*CAGCHBOO*	NEW
CQIN	Cheque Status Inquiry	Inquiry Screen	FCUBSAccService/QueryCheckDetails	*CAQCHKDT*	VIEW
CADU	Customer Address Update	Transaction Screen	FCUBSCustomerService/ModifyCustomer	*STGCIF*	UNLOCK
AADU	Account Address Update	Transaction Screen	FCUBSAccService/ModifyCustAcc	*STGCUSAC*	UNLOCK
CCTU	Customer Contact Details Update	Transaction Screen	FCUBSCustomerService/ModifyCustomer	*STGCIF*	UNLOCK
7030	Passbook Issue	Transaction Screen	FCUBSRTService/CreateAccPassbook	*DEGRTCAP*	NEW
7010	Passbook Update	Transaction Screen	FCUBSRTService/UpdateAccPassbook	*DEGRTUAP*	NEW
CQST	Stop Cheque Request	Transaction Screen	FCUBSAccService/CreateStopPayments	*CAGSPMNT*	NEW
5001	Loan Disbursement By Cash	Transaction Screen	FCUBSCLService/QueryAccount	*CLQACCNT*	VIEW
			FCUBSCLService/CreateDisbursement	*CLGMNDSB*	NEW
5401	Loan Repayment By Cash	Transaction Screen	FCUBSCLService/QueryAccount	*CLQACCNT*	VIEW
			FCUBSCLService/CreatePayment	*CLGPYMNT*	NEW

Table 1-1 (Cont.) Details for External System - OBTLR

Function Code	Screen Name	Screen Type	Details of external call	FUNCTION ID	ACTION
3401	Safe Deposit Rental By Cash	Transaction Screen	RTService/QuerySDRental FCUBSDLService/CreatePayment	*DLGPAMNT*	NEW
5402	Murabaha Payment by Cash	Transaction Screen	FCUBSCIService/QueryAccount	*CIQACCNT*	VIEW
			FCUBSCIService/CreatePayment	*CIGPYMNT*	NEW
5403	Islamic Financing Downpayment by Cash	Transaction Screen	FCUBSCIService/QueryAccount	*CIQACCNT*	VIEW
			FCUBSCIService/Createdownpayment	*CIGDPYNT*	NEW
TDI1	Islamic TD Account Opening	Transaction Screen	FCUBSIAService/QueryIAAccClass	*IAQACCLS*	VIEW
			FCUBSIAService/CreateIATDCustAcc	*IAGCUSTD*	NEW
CDBK	Stop Card Request	Transaction Screen	FCUBSSTService/SummaryQueryCardMaster	*STVCRDMS*	VIEW
			FCUBSSTService/ModifyCardMaster	*STGCRDMS*	UNLOCK

Table 1-2 Details for External System - EXTSYS

Screen Name	Screen Type	Details of external call	FUNCTION ID	ACTION
Card Status Change	Maintenance Screen	FCUBSSTService/SummaryQueryCardMaster	*STVCRDMS*	VIEW
Create Business Product	Maintenance Screen	FCUBSSIService/ SummaryQueryProduct	*SIVPRMNT*	VIEW
Outstanding Account Balance Inquiry	Inquiry Screen	ConsumerLendingAccBalanceService/ ConsumerLendingAccBalance/ QueryAccBalance	*CLDFGSTC*	VIEW
Schedule Balance Inquiry	Inquiry Screen	ConsumerLendingSchBalanceService/ ConsumerLendingSchBalance/ QuerySchBalance	*CLDFGSNQ*	VIEW
Repayment Date Change	Transaction Screen	ConsumerLendingChangeRpmntDtService/ ConsumerLendingChangeRpmntDt/ ModifyChangeRpmntDt	*CLDFGRDM*	UNLOCK
		ConsumerLendingChangeRpmntDtService/ ConsumerLendingChangeRpmntDt/ QueryChangeRpmntDt	*CLDFGRDM*	VIEW

Table 1-2 (Cont.) Details for External System - EXTSYS

Screen Name	Screen Type	Details of external call	FUNCTION ID	ACTION
View Account Statement	Transaction Screen	ConsumerLendingLoanStatementService/ ConsumerLendingLoanStatement/ AuthorizeLoanStatement	*CLDLSTMT*	AUTHORIZE
Loan Renegotiation	Transaction Screen	ConsumerLendingAccRenogService/ ConsumerLendingAccRenog/ ModifyAccRenog	*CLDFGREN*	UNLOCK
Loan Renegotiation	Transaction Screen	ConsumerLendingAccRenogService/ ConsumerLendingAccRenog/ CreateAccRenog	*CLDFGREN*	AUTHORIZE
Loan Renegotiation	Transaction Screen	/ConsumerLendingAccRenogService/ ConsumerLendingAccRenog/ QueryAccRenog/accountNumber/	*CLDFGREN*	VIEW
Disburse	Transaction Screen	ConsumerLendingAccDsbrService/ ConsumerLendingAccDsbr/CreateAccDsbr/	*CLDFGDSB*	UNLOCK
Disburse	Transaction Screen	ConsumerLendingAccDsbrService/ ConsumerLendingAccDsbr/CreateAccDsbr/	*CLDFGDSB*	AUTHORIZE
Disburse	Transaction Screen	/ConsumerLendingAccRenogService/ ConsumerLendingAccRenog/ QueryAccRenog/accountNumber/	*CLDFGREN*	VIEW
Loan Write-Off	Transaction Screen	ConsumerLendingLoanWriteoffService/ ConsumerLendingLoanWriteoff/ QueryLoanWriteoff/accountNumber/ {accountNumber}/effectiveDate/ {effectiveDate}	*CLDFGPWOF*	VIEW
Loan Write-Off	Transaction Screen	ConsumerLendingLoanWriteoffService/ ConsumerLendingLoanWriteoff/ CreateLoanWriteoff	*CLDFGPWOF*	UNLOCK
Loan Write-Off	Transaction Screen	ConsumerLendingLoanWriteoffService/ ConsumerLendingLoanWriteoff/ CreateLoanWriteoff	*CLDFGPWOF*	AUTHORIZE
Adhoc Refund	Transaction Screen	ConsumerLendingLoanAdhocService/ ConsumerLendingLoanAdhoc/ CreateLoanAdhoc	*CLDFGADH*	NEW
Adhoc Refund	Transaction Screen	ConsumerLendingLoanAdhocService/ ConsumerLendingLoanAdhoc/ CreateLoanAdhoc	*CLDFGADH*	AUTHORIZE
Adhoc Refund	Transaction Screen	ConsumerLendingLoanAdhocService/ ConsumerLendingLoanAdhoc/ CreateLoanAdhoc	*CLDFGADH*	UNLOCK
Loan Payment	Transaction Screen	ConsumerLendingLoanPaymentService/ ConsumerLendingLoanPayment/ QueryLoanPayment/accountNumber/ {accountNumber}/valueDate/{valueDate}	*CLDFGPMT*	VIEW

Table 1-2 (Cont.) Details for External System - EXTSYS

Screen Name	Screen Type	Details of external call	FUNCTION ID	ACTION
Loan Payment	Transaction Screen	ConsumerLendingLoanPaymentService/ ConsumerLendingLoanPayment/ CreateLoanPayment	*CLDFGPMT*	NEW
Loan Payment	Transaction Screen	ConsumerLendingLoanPaymentService/ ConsumerLendingLoanPayment/ CreateLoanPayment	*CLDFGPMT*	AUTHORIZE
Loan Payment	Transaction Screen	ConsumerLendingLoanPaymentService/ ConsumerLendingLoanPayment/ CreateLoanPayment	*CLDFGPMT*	UNLOCK
Loan Activation	Transaction Screen	/ConsumerLendingAccountActivate/ CreateAccountActivate	*CLDFGACT*	NEW
Consolidated Rollover	Transaction Screen	/ConsumerLendingConsolRollover/ QueryConsolRollover/customerId/ {customerId}	*CLDFGCRL*	VIEW
Consolidated Rollover	Transaction Screen	/ConsumerLendingConsolRollover/ CreateConsolRollover	*CLDFGCRL*	NEW

1.1.5 Maintain Gateway Amendment

You need to perform the gateway amendment maintenance in the FLEXCUBE Universal Banking for the source system (OBTLR).

Log in to FLEXCUBE Universal Banking Homepage. For information on how to log in, refer to the *Procedures User Guide* in the FLEXCUBE Universal Banking Documentation Library.

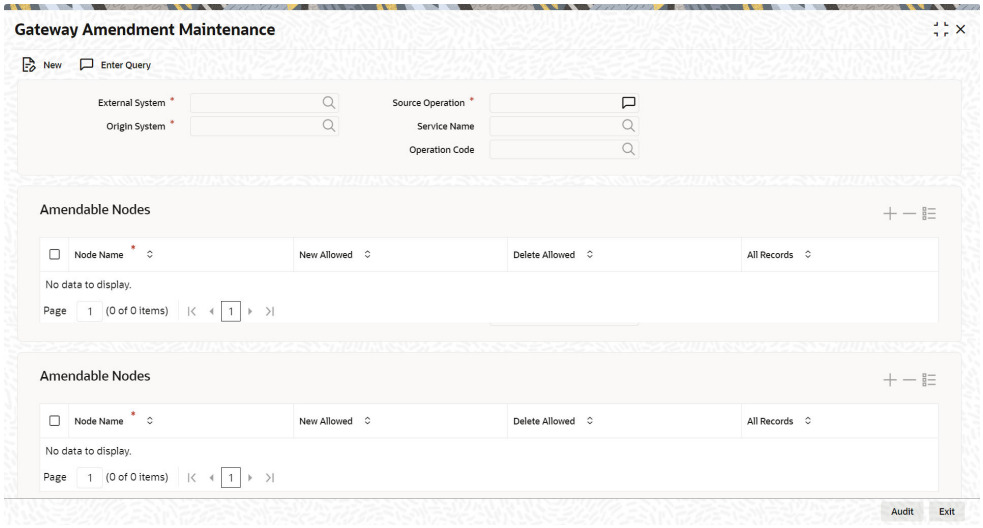
To maintain the gateway amendment:

1. On the Homepage, specify **GWDAMDMT** in the text box, and click the next arrow.

   The **Gateway Amendment Maintenance** screen is displayed.

2. On the **Gateway Amendment Maintenance** screen, specify the details in the fields as shown in the figure. For information on the fields, refer to the *Common Core - Gateway User Guide* in the FLEXCUBE Universal Banking Documentation Library.

Figure 1-6 Gateway Amendment Maintenance



1.1.6 Maintain Customer

You need to maintain the utility provider details in the FLEXCUBE Universal Banking on the **Customer Maintenance** screen.

Log in to FLEXCUBE Universal Banking Homepage. For information on how to log in, refer to the *Procedures User Guide* in the FLEXCUBE Universal Banking Documentation Library.

Maintain the utility provider details as follows:

1. On the Homepage, specify **STDCIF** in the text box, and click the next arrow.

   The **Customer Maintenance** screen is displayed.

2. On the **Customer Maintenance** screen, specify the following details in the **Auxiliary** tab. For information on the fields, refer to the *Common Core - Gateway User Guide* in the FLEXCUBE Universal Banking Documentation Library.

   - **Utility Provider**
   - **Utility Provider Type**
   - **Utility Provider Id**

Figure 1-7 Customer Maintenance

1.1.7 Relationship Pricing Integration

This topic contains the following subtopics:

- Maintain External Price Components of Relationship Pricing
  You need to maintain the external price components of the relationship pricing in the FLEXCUBE Universal Banking.
- Maintain External Data Elements of Relationship Pricing
  You need to maintain the external data elements of the Oracle Banking Branch in the FLEXCUBE Universal Banking.
- Maintain Pricing Source System
  You need to maintain the pricing source system (UBS-RP) to integrate the relationship pricing with the Oracle Banking Branch.

- Maintain Charge Definition
  You need to maintain the charge codes in the **Charge Definition Maintenance** screen and link them to the pricing source system. In addition, you need to link the corresponding External System Elements (EDE) applicable for the charge code.
- Charge Decision Maintenance
  The charge decision maintenance enables the integration of the relationship pricing with the Oracle Banking Branch.
- Transaction Charge Computation
  The transaction charge computation happens through a charge service call from the **Charge Decision Maintenance** screen to the common core.

1.1.7.1 Maintain External Price Components of Relationship Pricing

You need to maintain the external price components of the relationship pricing in the FLEXCUBE Universal Banking.

Log in to FLEXCUBE Universal Banking Homepage. For information on how to log in, refer to the *Procedures User Guide* in the FLEXCUBE Universal Banking Documentation Library.

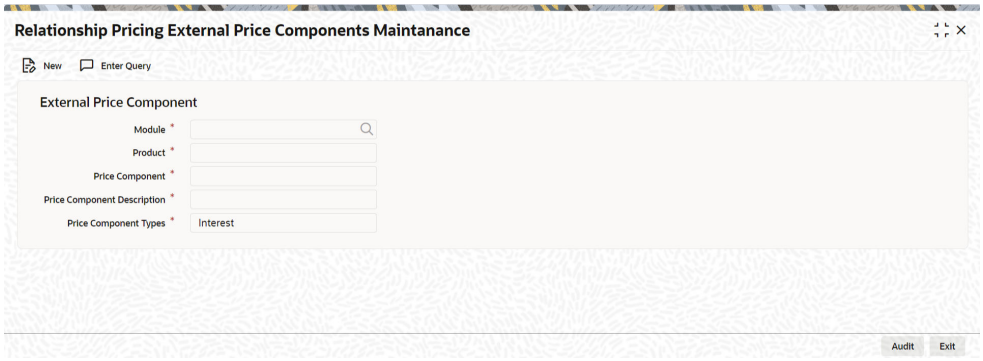
To maintain the external price components:

1. On the Homepage, specify **CODEXTCO** in the text box, and click the next arrow.

   The **Relationship Pricing External Price Components Maintenance** screen is displayed.

2. On the **Relationship Pricing External Price Components Maintenance** screen, specify the fields as shown in the figure. For information on the fields, refer to the *Relationship Pricing User Guide* in the FLEXCUBE Universal Banking Documentation Library.

Figure 1-8 Relationship Pricing External Price Components Maintenance



> **Note:**
>
> You can also specify the function code in the **Product** field. The charge code specified in the **Price Component** field needs to be maintained in the charge definition of the Oracle Banking Branch.

1.1.7.2 Maintain External Data Elements of Relationship Pricing

You need to maintain the external data elements of the Oracle Banking Branch in the FLEXCUBE Universal Banking.

Log in to FLEXCUBE Universal Banking Homepage. For information on how to log in, refer to the *Procedures User Guide* in the FLEXCUBE Universal Banking Documentation Library.

To maintain the external data elements:

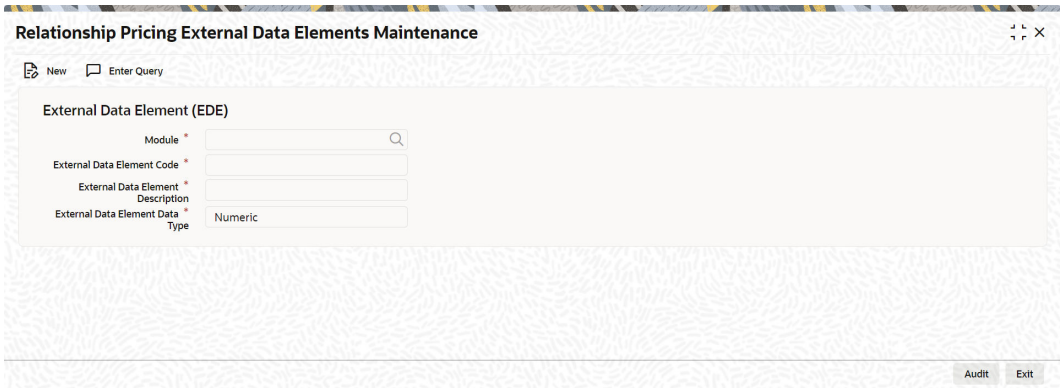
1. On the Homepage, specify **CODEDEMT** in the text box, and click the next arrow.

   The **Relationship Pricing External Data Elements Maintenance** screen is displayed.

2. On the **Relationship Pricing External Data Elements Maintenance** screen, specify the details in the fields as shown in the figure. For information on the fields, refer to the *Common Core - Gateway User Guide* in the FLEXCUBE Universal Banking Documentation Library.

> **Note:**
>
> The details of the external data elements of the Oracle Banking Branch are provided in the table `FCC_OBREMO_BRANCH_COMMON.SRV_TM_BC_EDE_LIST`.

Figure 1-9 Relationship Pricing External Data Elements Maintenance



1.2 Maintenance for Oracle Banking Branch

Maintenance for the Oracle Banking Branch needs to be performed to integrate with the FLEXCUBE Universal Banking.

This topic contains the following subtopics:

- Maintenance Using Oracle Banking Routing Hub
  The maintenance for the Oracle Banking Branch can be performed through the Oracle Banking Routing Hub.
- Direct Access
  The specific configurations are needed for the Oracle Banking Branch to integrate with the FLEXCUBE Universal Banking. The direct access feature will be discontinued in the future.

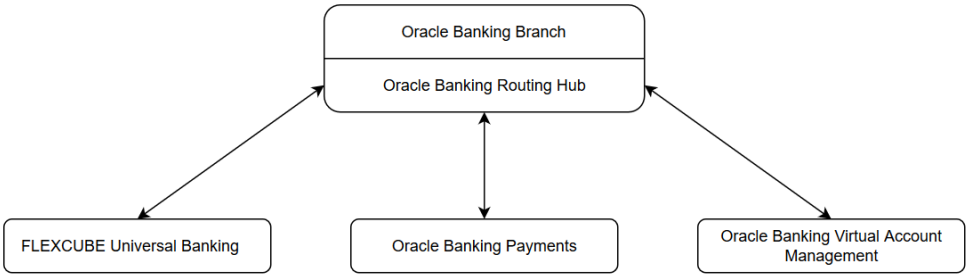
- Relationship Pricing Integration

1.2.1 Maintenance Using Oracle Banking Routing Hub

The maintenance for the Oracle Banking Branch can be performed through the Oracle Banking Routing Hub.

Oracle Banking Routing Hub enables seamless and standardized integrations between FSGBU Banking Product using configurations provided as part of the product infrastructure.

Figure 1-10 Integrations in Oracle Banking Routing Hub



This topic contains the following subtopics:

- Configure Oracle Banking Branch
  You need to perform the specific configurations needed for Oracle Banking Branch to integrate with FLEXCUBE Universal Banking using Oracle Banking Routing Hub.
- Configure Teller Transactions
  You can maintain the routing configuration of Oracle Banking Routing Hub in the common core for Oracle Banking Branch teller transitions to create, update, query, or delete the host system. A host system can be FLEXCUBE Universal Banking, Oracle Banking Payments, etc.
- Configure Relationship Pricing
  The Relationship Pricing Integration for FLEXCUBE Universal Banking and Oracle Banking Branch is performed through REST. The `CreateQueryPrice` REST service is used to derive Relationship Pricing charge computation from the FLEXCUBE Universal Banking pricing engine.
- Configure Account Services
  You can maintain the routing configuration of the Oracle Banking Routing Hub in the common core for CASA transitions of the Oracle Banking Branch to create, update, and query the host system. A host system can be FLEXCUBE Universal Banking.
- Configure CASA 360
  You can maintain the routing configuration of Oracle Banking Routing Hub in the common core for the CASA 360 service of the Oracle Banking Branch to create, update, and query the host system. A host system can be FLEXCUBE Universal Banking.

- Configure Deposit Services
  You can maintain the routing configuration of the Oracle Banking Routing Hub in the common core for Deposit Servicing transitions of the Oracle Banking Branch to create, update, and query the host system. A host system can be FLEXCUBE Universal Banking.
- Configure Loan Services
  You can maintain the routing configuration of the Oracle Banking Routing Hub in common core for Loans transitions of the Oracle Banking Branch to create, update, and query the host system. A host system can be FLEXCUBE Universal Banking.

1.2.1.1 Configure Oracle Banking Branch

You need to perform the specific configurations needed for Oracle Banking Branch to integrate with FLEXCUBE Universal Banking using Oracle Banking Routing Hub.

Connect to the database schema to configure the values in the database tables.

Update the following values in the `BRANCHCOMMON` schema to configure the Oracle Banking Branch:

Set `IS_ROUTING_ENABLED = Y` in the `SRV_TM_BC_FUNCTION_INDICATOR` for the function codes that are routed via Oracle Banking Routing Hub.

> **Note:**
>
> Check if the `SRV_TM_BC_FUNCTION_INDICATOR_ROUTE_DTLS` has an entry for the screen's function code.

1.2.1.2 Configure Teller Transactions

You can maintain the routing configuration of Oracle Banking Routing Hub in the common core for Oracle Banking Branch teller transitions to create, update, query, or delete the host system. A host system can be FLEXCUBE Universal Banking, Oracle Banking Payments, etc.

Log in to Oracle Banking Branch Homepage. For information on how to log in, refer to *Getting Started User Guide* in the Oracle Banking Branch Documentation Library.

To configure teller transactions:

1. On the Homepage, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**, and then select **Service Consumers** or specify **Service Consumers** in the search icon bar and select the screen.

   The **Service Consumers** screen is displayed.

Figure 1-11 Service Consumers - Teller Transactions

2. Click **Import**.

   The **Import Service Consumer** pop-up screen is displayed.

3. On the **Import Service Consumer** pop-up screen, click **Select** and upload the `OBREMO_TELLER_Consumer.json` file provided in the release.

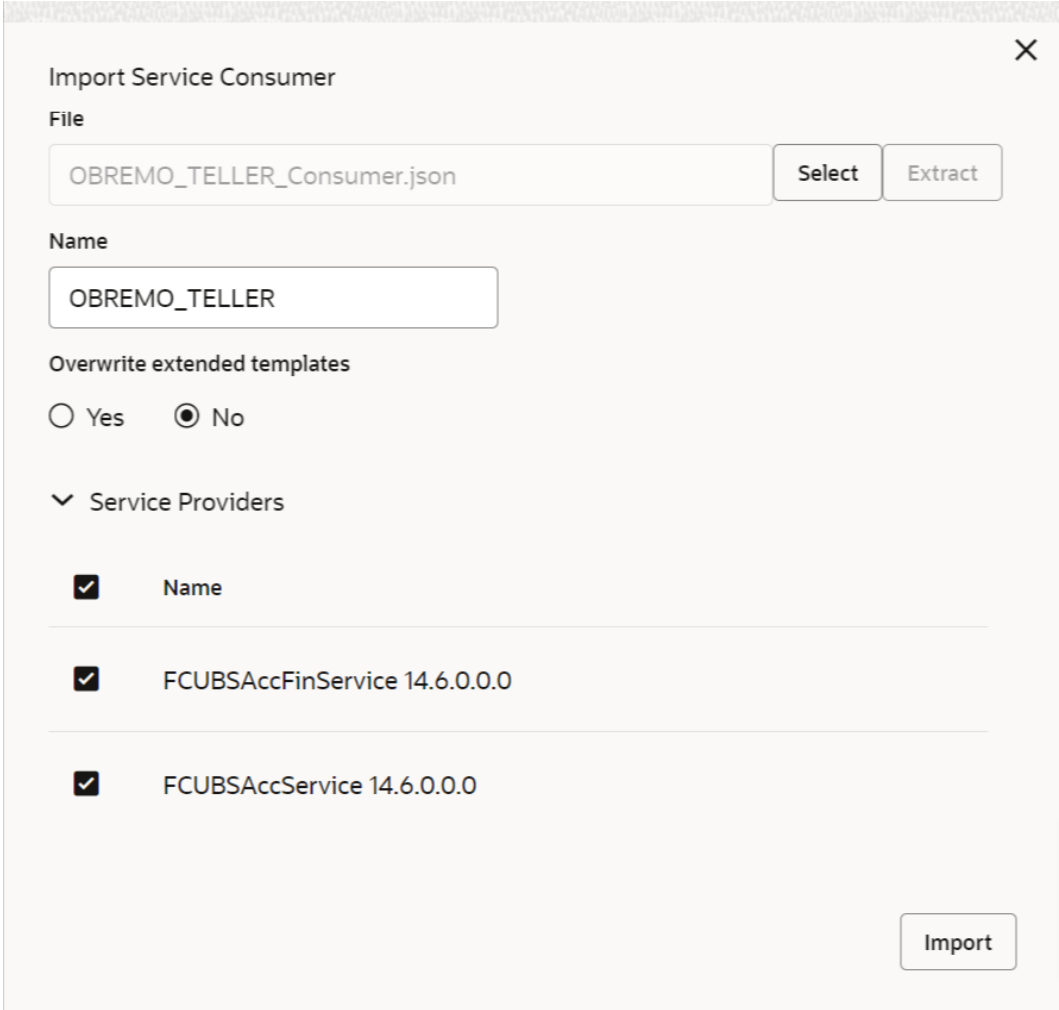
> **Note:**
>
> The folder path for the `OBREMO_TELLER_Consumer.json` file is `\OBBRN_ROUTING_CONFIGURATION`.

4. Click **Extract**.

   The data is extracted successfully.

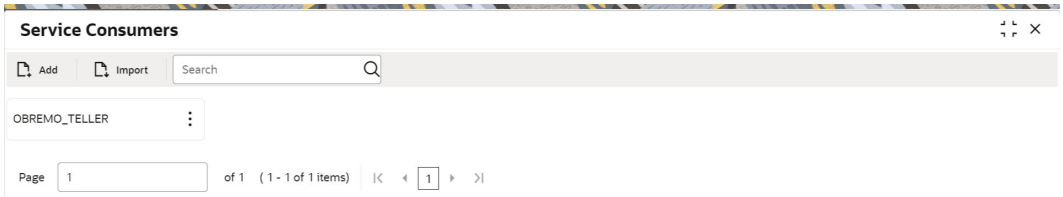
5. Select all the extracted service providers, and click **Import**.

Figure 1-12 Service Provider Selection - Teller



The service consumers are imported successfully. A sample screen after import operation is shown below.

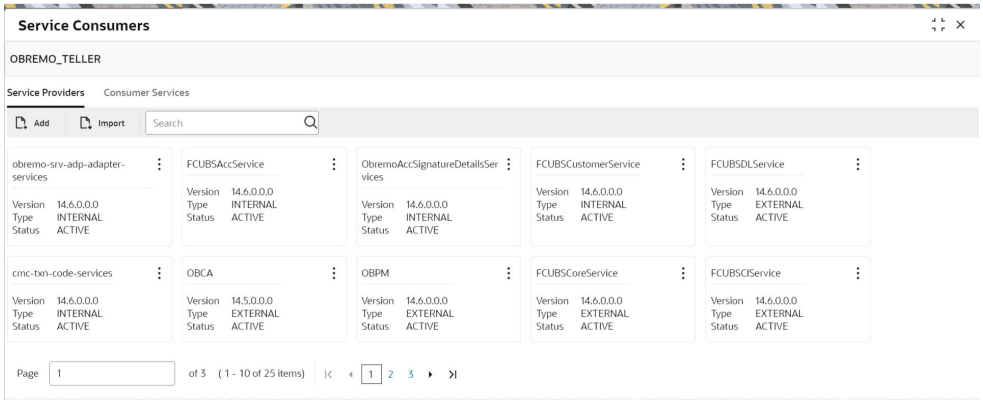
Figure 1-13 Imported Service Consumers - Teller



6. Click **OBREMO_TELLER**.

   The service providers are displayed.

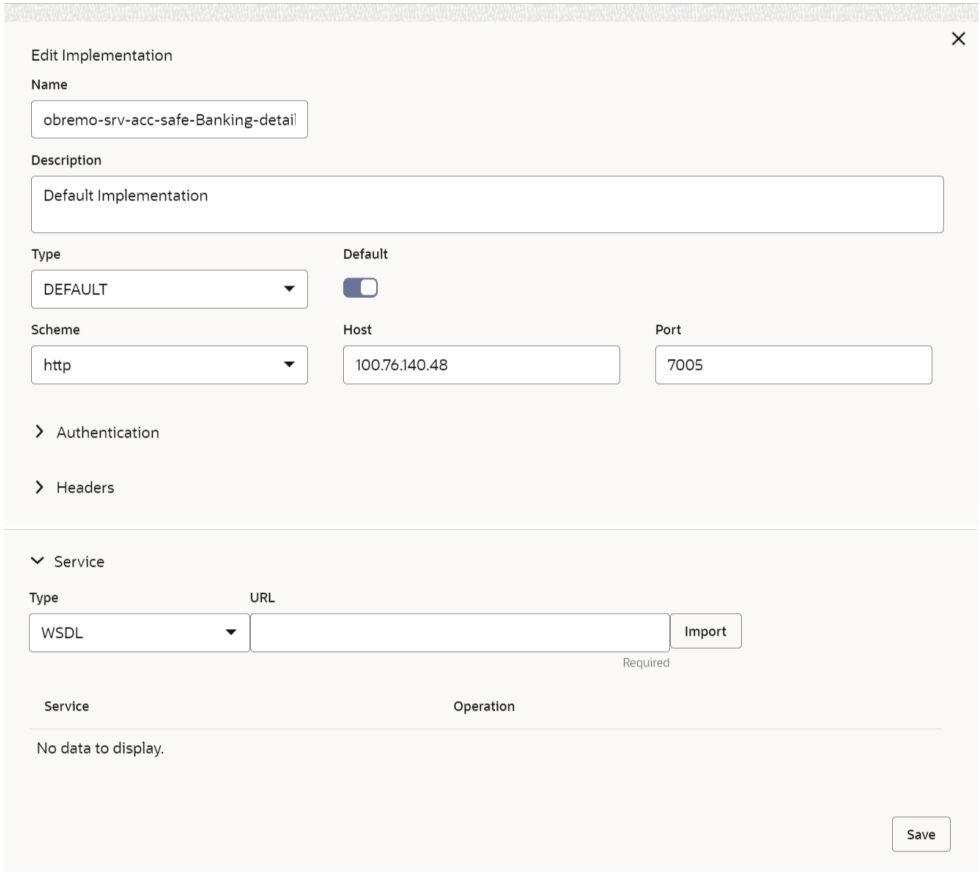
Figure 1-14 View Service Providers - Teller



7. Select individual service provider, and click **Edit**.

   The **Edit Implementation** pop-up screen is displayed.

Figure 1-15 Edit Implementation - Teller

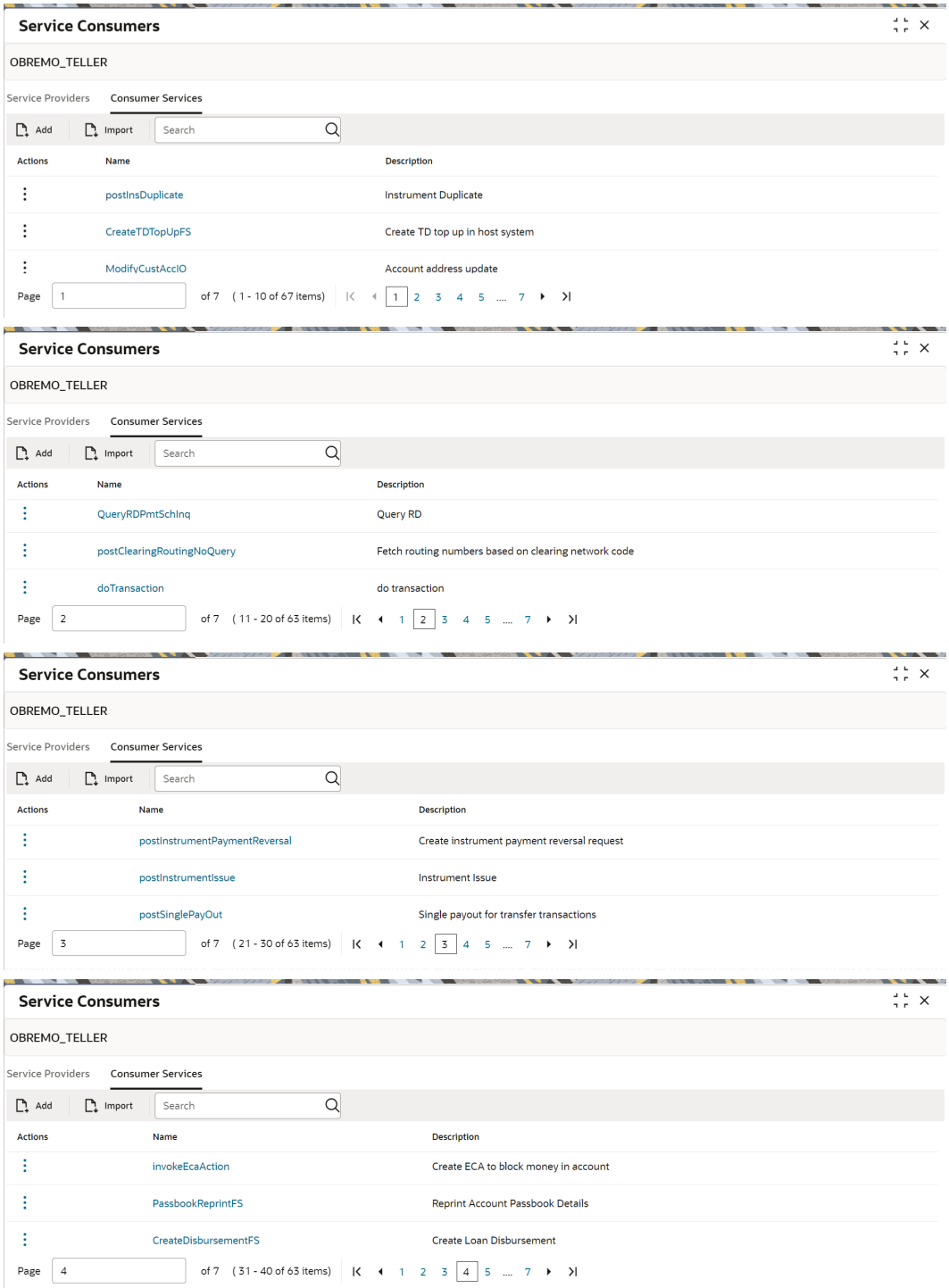


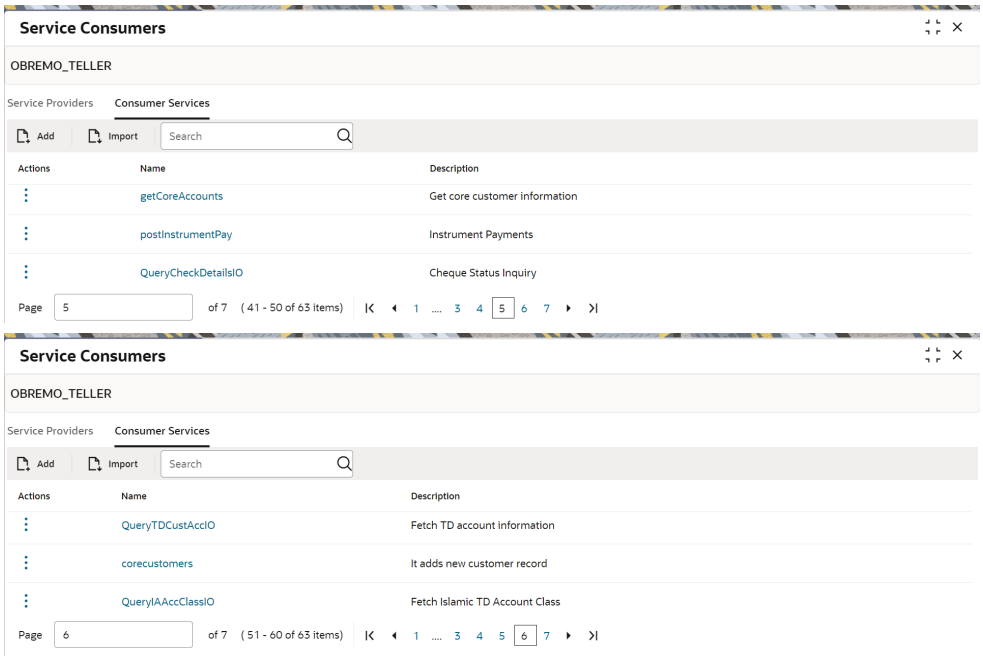
8. On the **Edit Implementation** pop-up screen, specify the **Host** and **Port** as per the host system (FLEXCUBE Universal Banking or Oracle Banking Payments) installation, and click **Save**.

   The implementation details are saved for the service provider.

9. Perform steps 1 thru 8 again for all the service providers. The list of consumer services are shown in the figure below.

Figure 1-16 List of Service Providers





1.2.1.3 Configure Relationship Pricing

The Relationship Pricing Integration for FLEXCUBE Universal Banking and Oracle Banking Branch is performed through REST. The `CreateQueryPrice` REST service is used to derive Relationship Pricing charge computation from the FLEXCUBE Universal Banking pricing engine.

Log in to Oracle Banking Branch Homepage. For information on how to log in, refer to *Getting Started User Guide* in the Oracle Banking Branch Documentation Library.

Oracle Banking Routing Hub is responsible for the handling of API calls between Oracle Banking Branch and external systems (FLEXCUBE Universal Banking in case of Relationship Pricing calls). The configuration templates for Oracle Banking Routing Hub are provided along with the product releases and need to be imported through the **Service Consumers** screen.

To configure relationship pricing:

1. On the Homepage, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**, and then select **Service Consumers** or specify **Service Consumers** in the search icon bar and select the screen.

   The **Service Consumers** screen is displayed.

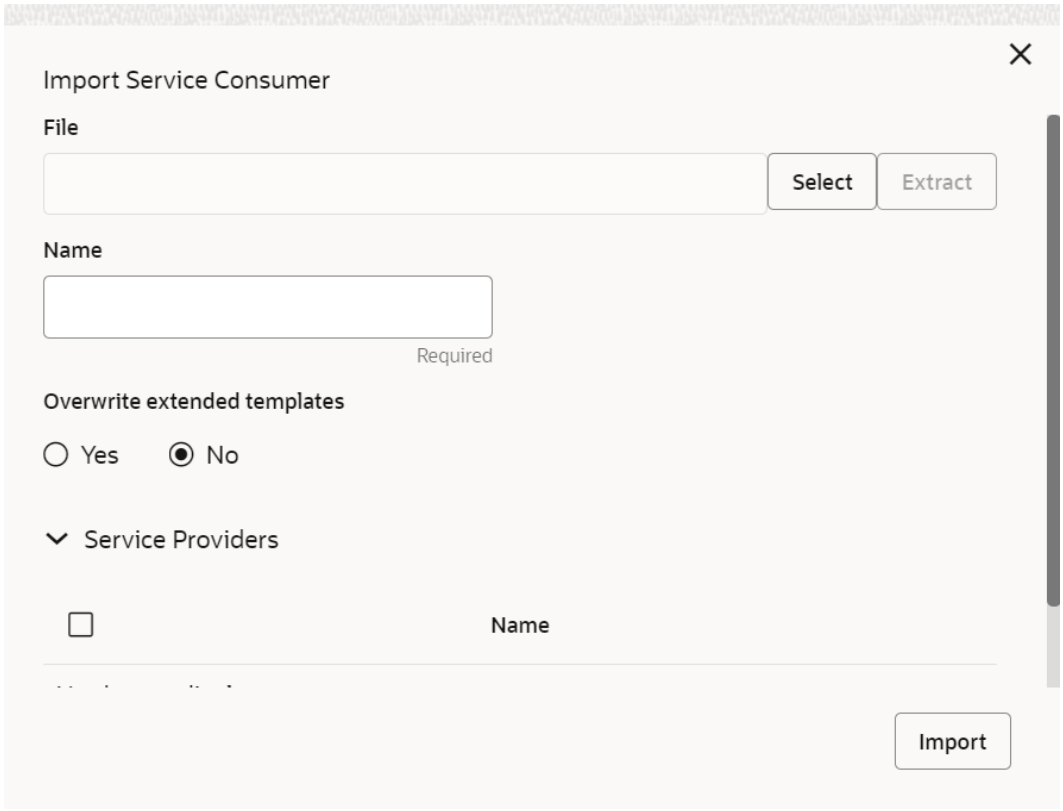
Figure 1-17 Service Consumers - Relationship Pricing

2. Click **Import**.

   The **Import Service Consumer** pop-up screen is displayed.

3. On the **Import Service Consumer** pop-up screen, click **Select** and upload the `CMC_CHARGES.json` file provided in the release.

Figure 1-18 Upload JSON file - Relationship Pricing



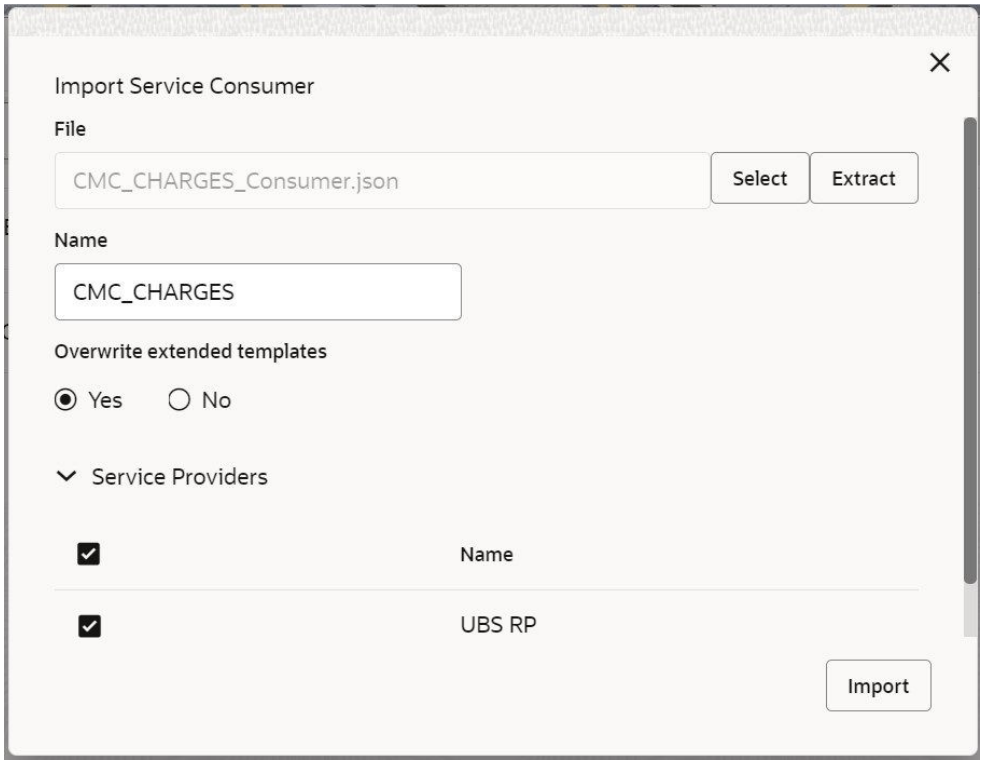
4. Click **Extract**.

> **Note:**
>
> As an alternative method, `CSTB_PARAM -GW_LOGUSER_CHECK` can be maintained as `N`, if the gateway user is an Oracle Banking Branch user.

The data is extracted successfully.

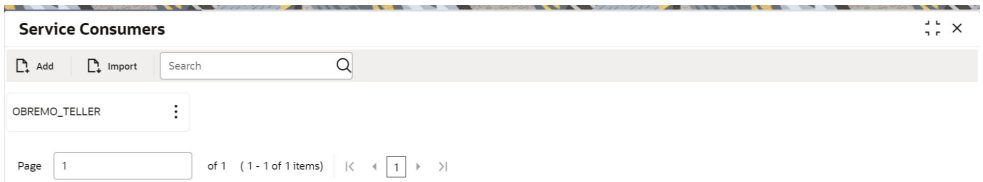
5. Select all the extracted service providers, and click **Import**.

Figure 1-19 Service Provider Selection - Relationship Pricing



The service consumers are imported successfully. A sample screen after import operation is shown below.

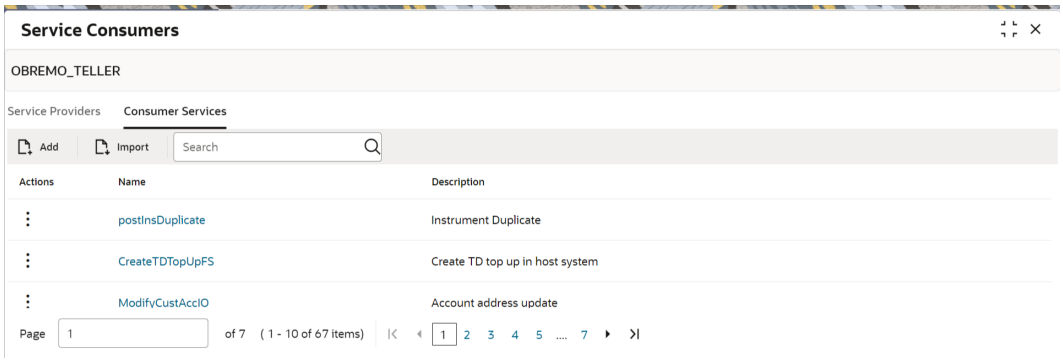
Figure 1-20 Imported Service Consumers - Relationship Pricing



6. Click on the individual service provider.

   The details of the imported service provider are displayed.

Figure 1-21 View Service Provider - Relationship Pricing



1.2.1.4 Configure Account Services

You can maintain the routing configuration of the Oracle Banking Routing Hub in the common core for CASA transitions of the Oracle Banking Branch to create, update, and query the host system. A host system can be FLEXCUBE Universal Banking.

Log in to Oracle Banking Branch Homepage. For information on how to log in, refer to *Getting Started User Guide* in the Oracle Banking Branch Documentation Library.

To configure account services:

1. On the Homepage, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**, and then select **Service Consumers** or specify **Service Consumers** in the search icon bar and select the screen.

   The **Service Consumers** screen is displayed.

   Figure 1-22 Service Consumers - Account Services

2. Click **Import**.

   The **Import Service Consumer** pop-up screen is displayed.

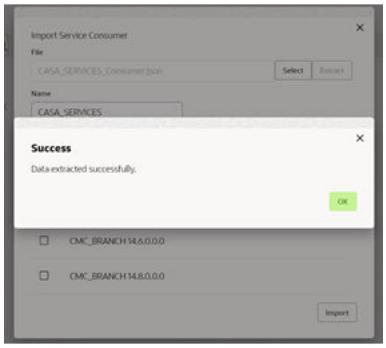
3. On the **Import Service Consumer** pop-up screen, click **Select** and upload the `CASA_SERVICES_Consumer.json` file provided in the release.

> **Note:**
>
> The folder path for the `CASA_SERVICES_Consumer.json` file is `\OBBRN_ROUTING_CONFIGURATION`.

4. Click **Extract**.

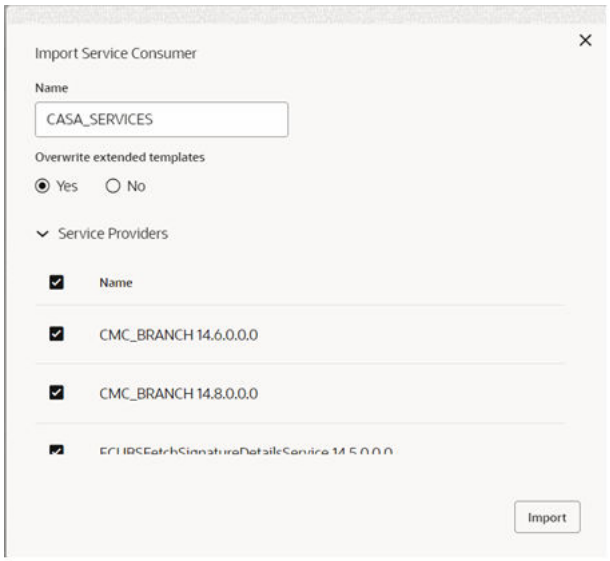
   The data is extracted successfully.

Figure 1-23 Import Service Consumer - Account Services



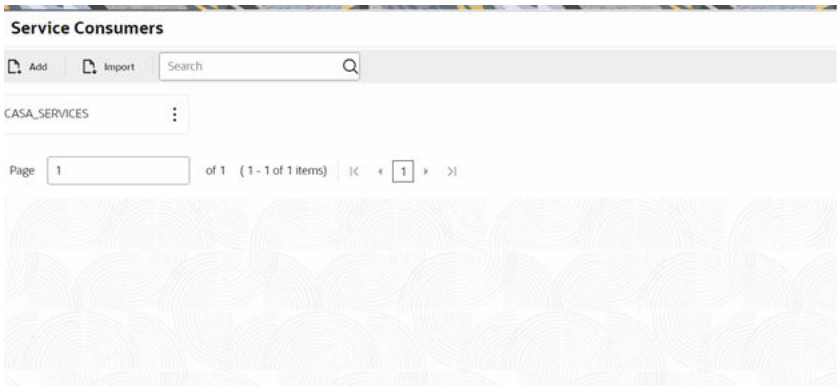
5. Select all the extracted service providers, and click **Import**.

Figure 1-24 Service Provider Selection - Account Services



The service consumers are imported successfully. A sample screen after import operation is shown below.

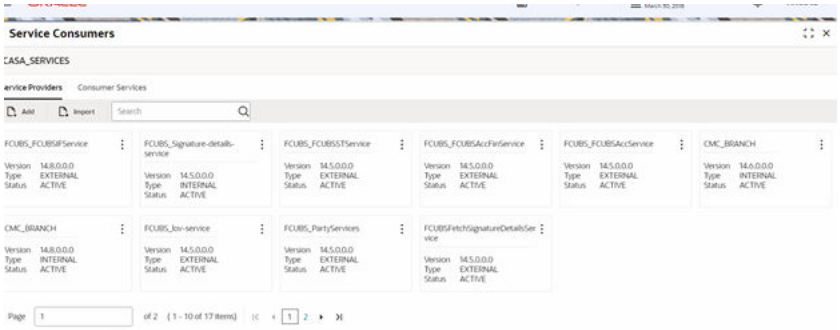
Figure 1-25 Imported Service Consumers - Account Services



6. Click **CASA_SERVICES**.

   The service providers are displayed.

Figure 1-26 View Service Providers - Account Services



7. Click **Import** to import the latest service providers.

> **Note:**
>
> This import will update the existing service providers and add new service providers to `casa_services`
>
> .

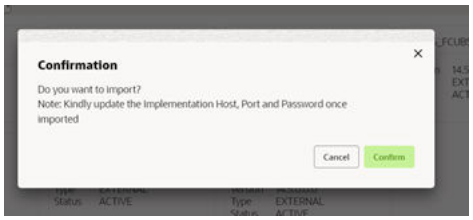
8. On the **Import Service Provider** pop-up screen, click **Select** to choose the service providers.

> **Note:**
>
> You can zip and import all service providers at once if more than one service providers are available to import.

9. Click **Import**.

   A confirmation pop-up screen displays.

Figure 1-27 Confirm Service Provider - Account Services



10. Click **Consumer Services** to import latest consumer service.

> **Note:**
>
> This import will update old consumer services and add new consumer services to `casa_services`.

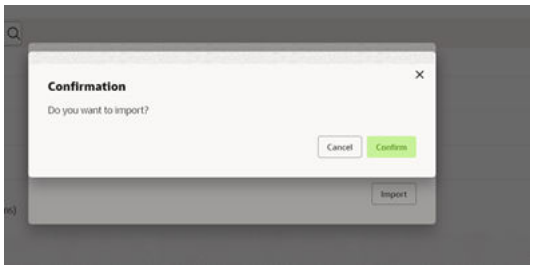
11. Click **Import**.
12. On the **Import Service** pop-up screen, select **Overwrite extended templates** as **Yes**.
13. Click **Select** to choose consumer services.
14. Click **Import**.

> **Note:**
>
> You can zip and import all service providers at once if more than one service providers are available to import.

Figure 1-28 Import Service - Account Services

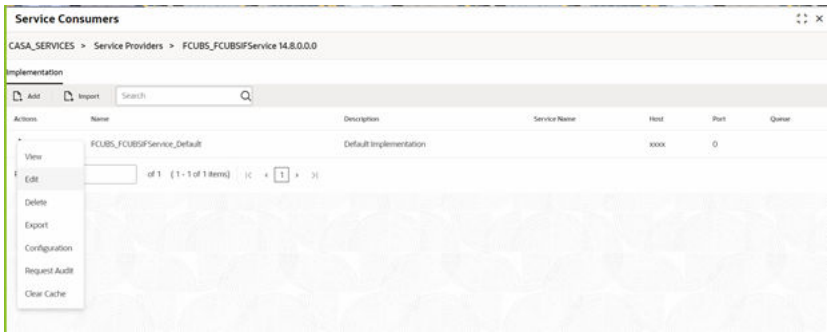
A confirmation pop-up screen displays.

Figure 1-29 Confirm Consumer Services



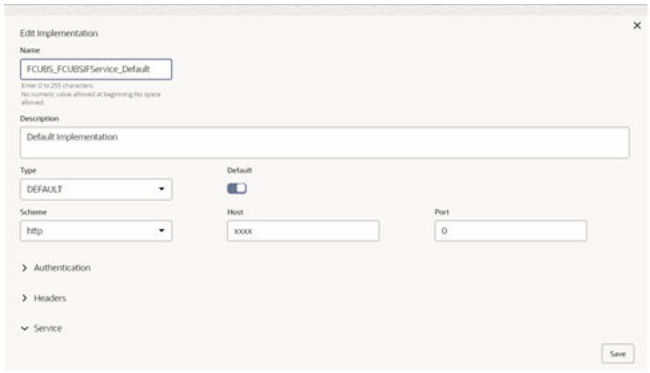
15. Click on the individual service provider, and select **Edit**.

Figure 1-30 Edit Service Provider - Account Services



The **Edit Implementation** pop-up screen is displayed.

Figure 1-31 Edit Implementation - Account Services



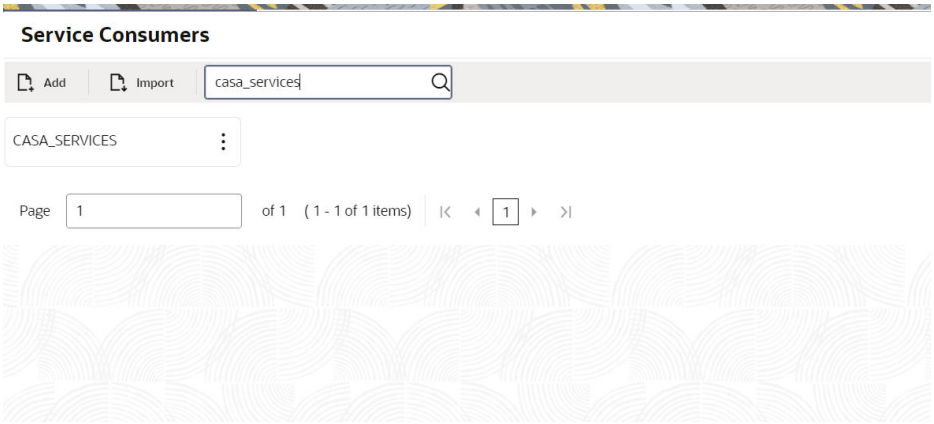
16. On the **Edit Implementation** pop-up screen, specify the **Host** and **Port** as per the host system (FLEXCUBE Universal Banking) installation, and click **Save**.

    The implementation details are saved for the service provider.

17. Perform this step if multi entity is enabled.

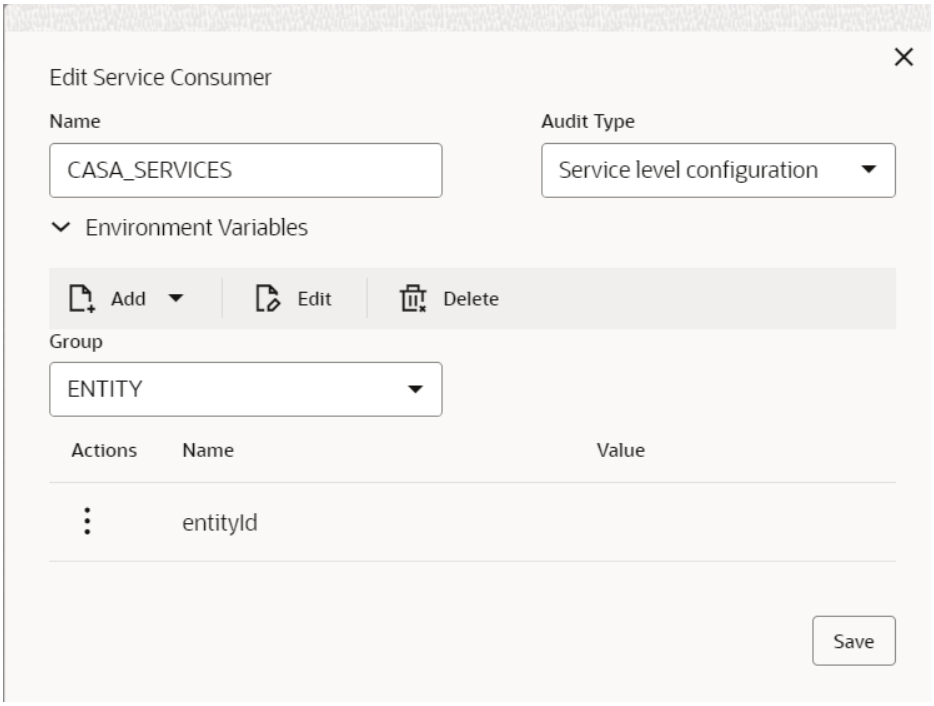
    a. Go to Service Consumers and select edit the consumer.

Figure 1-32 Service Consumers - Account Services



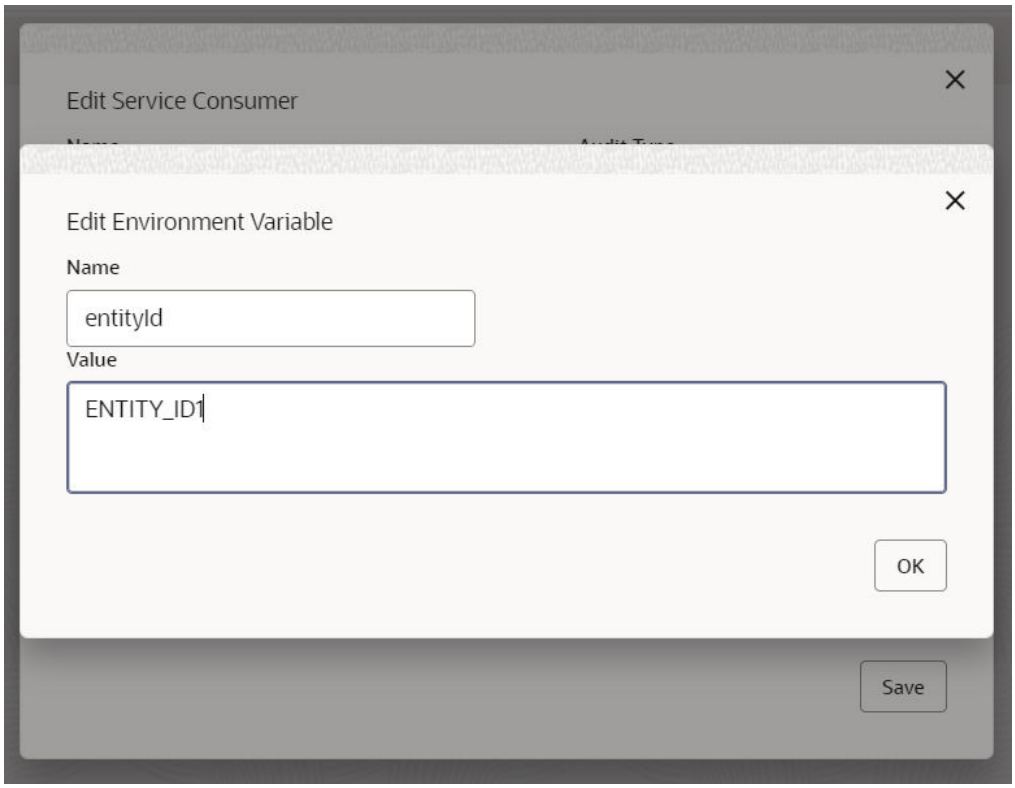
b. Now select Group ENTITY.

Figure 1-33 Service Consumer - Group Entity



c. Edit the environment variable and set the entityId value as per the value configured in backoffice setup.

Figure 1-34 Service Consumer - Edit Environment Variable



> **Note:**
>
> In our setup it was ENTITY_ID1 for backoffice so same is shown in the screenshot.

18. Perform steps 1 thru 8 again for the following service providers.

    The CASA services are as follows:

    - `CASA_SERVICES_Consumer.json`

    The services for the CASA dashboard widgets are as follows:

    - `CASA_BULLETIN_DASHBOARD_Consumer.json`
    - `CASA_CUST_ACC_PENDING_DOCS_Consumer.json`
    - `CASA_GET_CUST_SERV_REQ_Consumer.json`
    - `CASA_ADD_CUST_SERV_REQ_Consumer.json`

    The services for the business product are as follows:

    - `CASA_PROD_SUMM_Consumer.json`
    - `CASA_BUS_PROD_Consumer.json`

    The below list of consumers contains the host and port as per `CustomerAccountService` and `fcubs-co-mo-lov-service` deployed in host server. The same needs to be updated for the service providers `FCUBS_CustomerAccountService` and `FCUBS_lov-service`:

- CASA_SERVICES

1.2.1.5 Configure CASA 360

You can maintain the routing configuration of Oracle Banking Routing Hub in the common core for the CASA 360 service of the Oracle Banking Branch to create, update, and query the host system. A host system can be FLEXCUBE Universal Banking.

Log in to Oracle Banking Branch Homepage. For information on how to log in, refer to *Getting Started User Guide* in the Oracle Banking Branch Documentation Library.

To configure 360:

1. On the Homepage, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**, and then select **Service Consumers** or specify **Service Consumers** in the search icon bar and select the screen.

   The **Service Consumers** screen is displayed.

Figure 1-35 Service Consumers - CASA 360

2. Click **Import**.

   The **Import Service Consumer** pop-up screen is displayed.

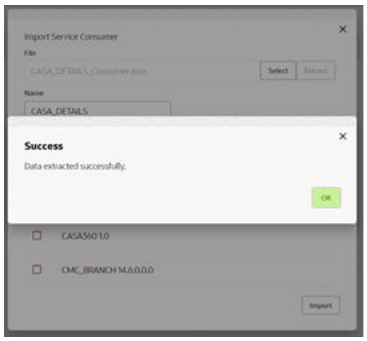
3. On the **Import Service Consumer** pop-up screen, click **Select** and upload the `CASA_DETAILS_Consumer.json` file provided in the release.

> **Note:**
>
> The folder path for the `CASA_DETAILS_Consumer.json` file is `\OBBRN_ROUTING_CONFIGURATION`.

4. Click **Extract**.

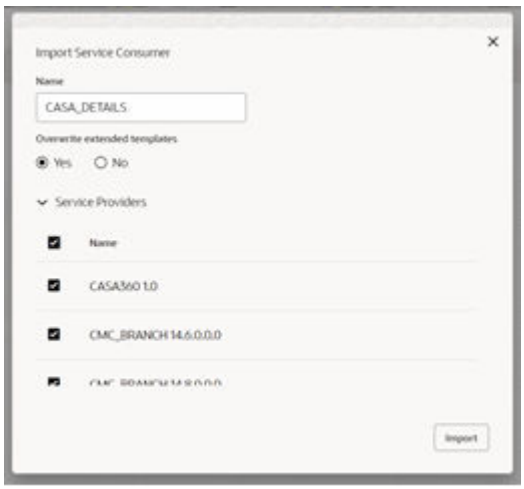
   The data is extracted successfully.

Figure 1-36 Import Service Consumer - CASA 360



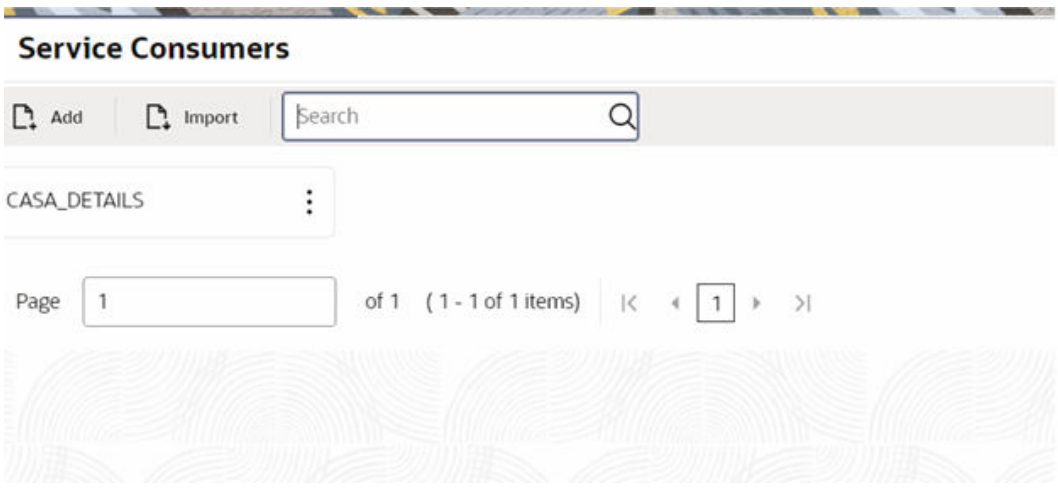
5. Select all the extracted service providers, and click **Import**.

Figure 1-37 Service Provider Selection - CASA 360



The service consumers are imported successfully. A sample screen after import operation is shown below.

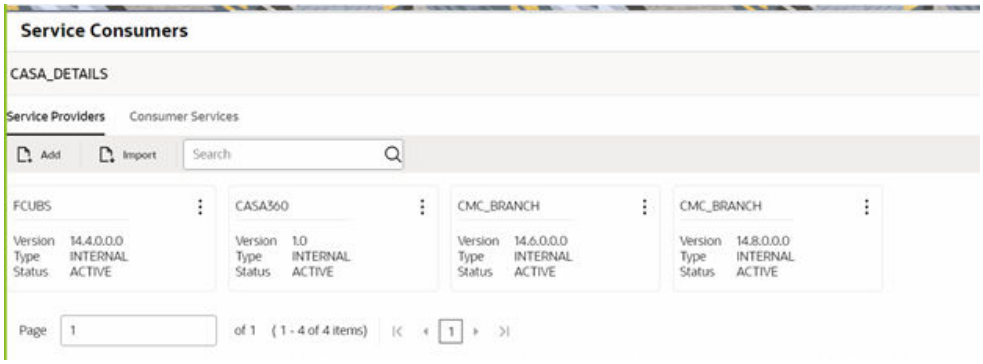
Figure 1-38 Imported Service Consumers - CASA 360



6. Click **CASA_DETAILS**.

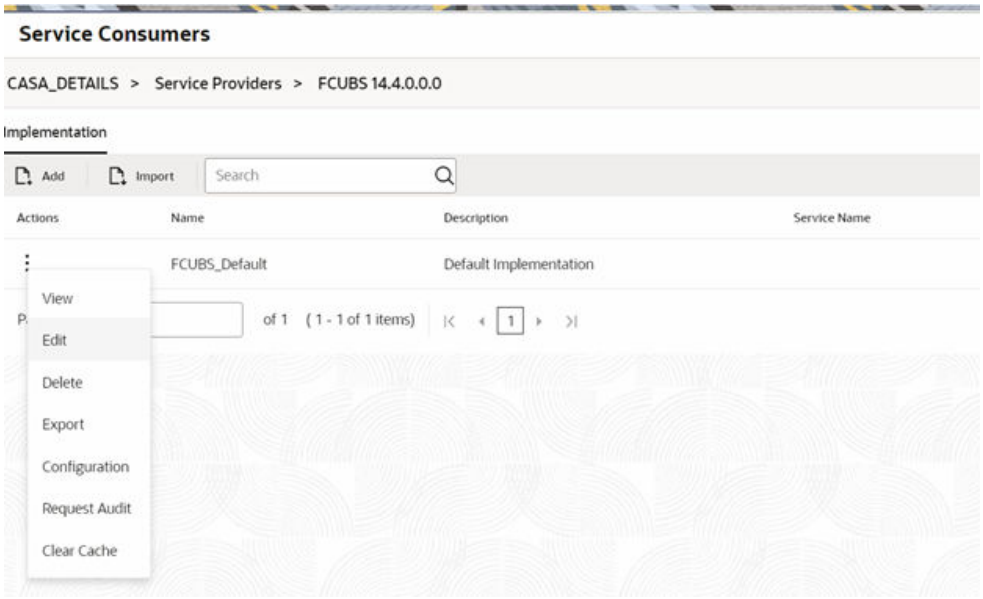
   The service providers are displayed.

Figure 1-39 View Service Providers - CASA 360



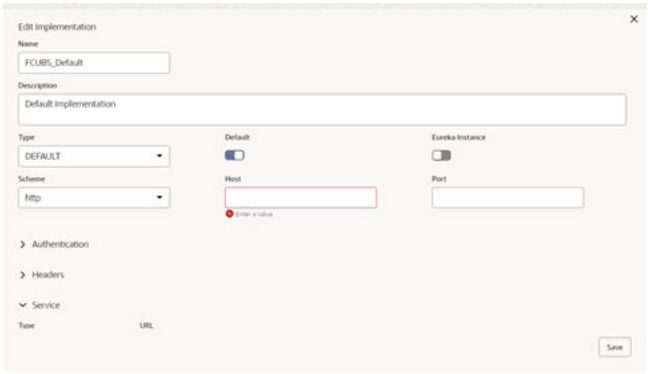
7. Click on the individual service provider, and select **Edit**.

Figure 1-40 Edit Service Provider - CASA 360



The **Edit Implementation** pop-up screen is displayed.

Figure 1-41 Edit Implementation - CASA 360



8. On the **Edit Implementation** pop-up screen, specify the **Host** and **Port** as per the host system (FLEXCUBE Universal Banking) installation, and click **Save**.

   The implementation details are saved for the service provider.

9. Perform steps 7 and 8 again for the following service providers.

1.2.1.6 Configure Deposit Services

You can maintain the routing configuration of the Oracle Banking Routing Hub in the common core for Deposit Servicing transitions of the Oracle Banking Branch to create, update, and query the host system. A host system can be FLEXCUBE Universal Banking.

Log in to Oracle Banking Branch Homepage. For information on how to log in, refer to *Getting Started User Guide* in the Oracle Banking Branch Documentation Library.

To configure deposit services:

1. On the Homepage, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**, and then select **Service Consumers** or specify **Service Consumers** in the search icon bar and select the screen.

   The **Service Consumers** screen is displayed.

Figure 1-42 Service Consumers - Deposit Services

2. Click **Import**.

   The **Import Service Consumer** pop-up screen is displayed.

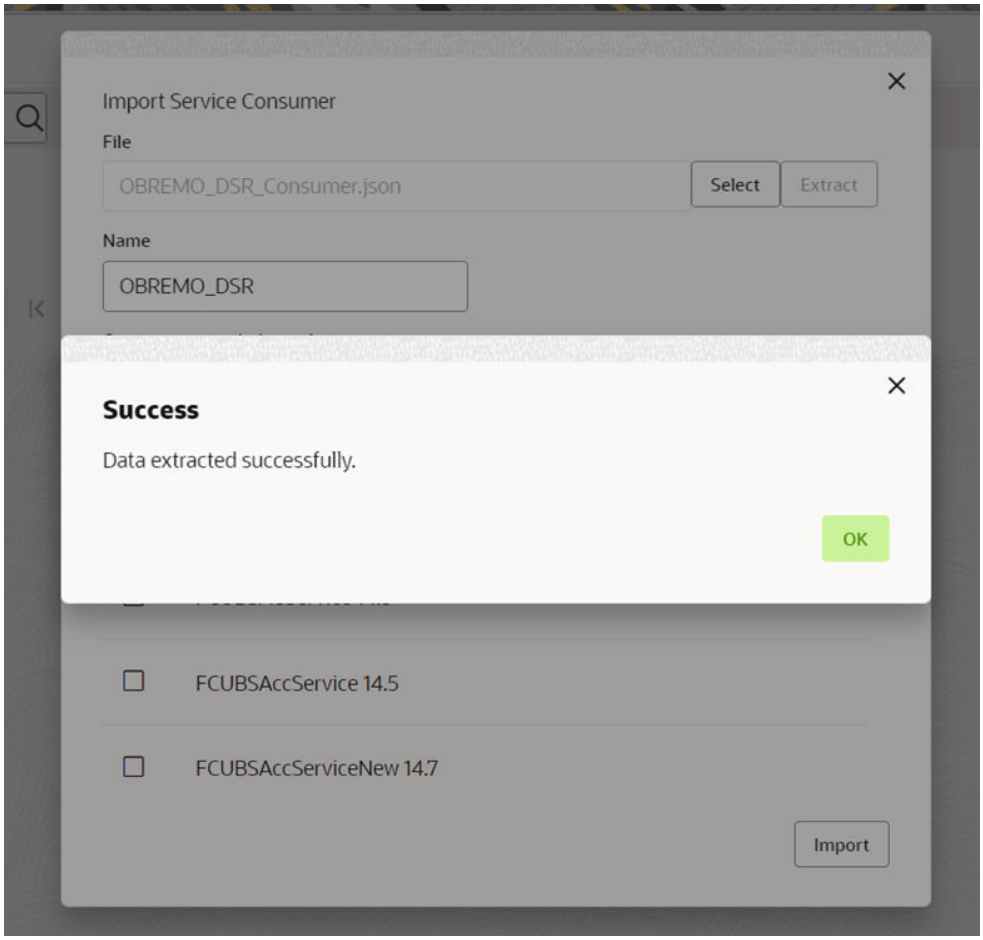
3. On the **Import Service Consumer** pop-up screen, click **Select** and upload the `OBREMO_DSR_Consumer.json` file provided in the release.

> **Note:**
>
> The folder path for the `OBREMO_DSR_Consumer.json` file is `\OBBRN_ROUTING_CONFIGURATION`.

4. Click **Extract**.

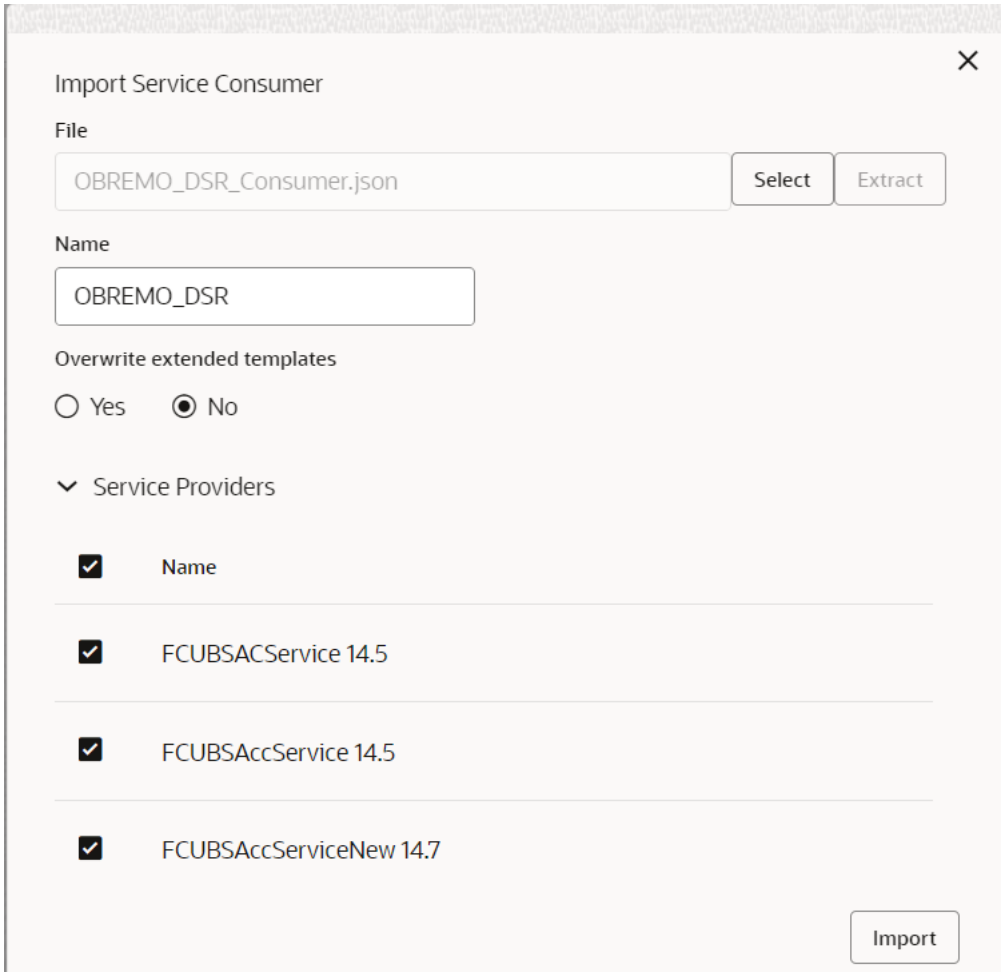
   The data is extracted successfully.

Figure 1-43 Import Service Consumer - Deposit Services



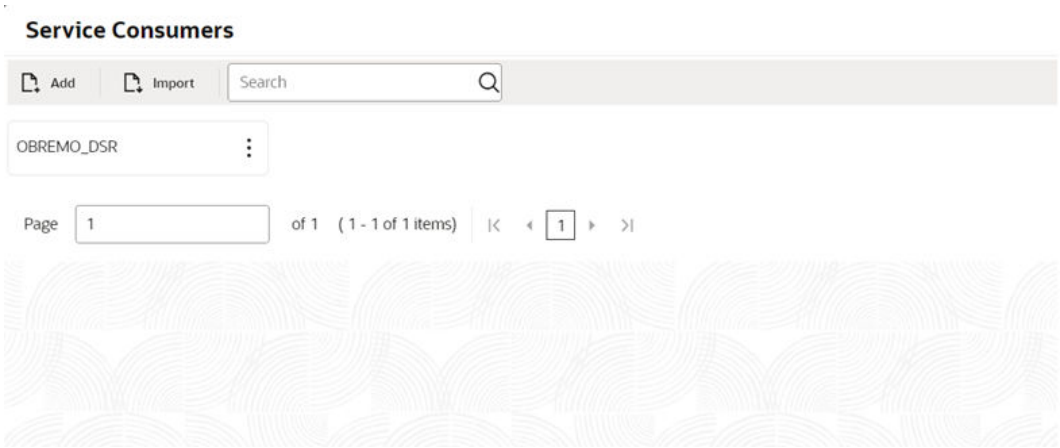
5. Select all the extracted service providers, and click **Import**.

Figure 1-44 Service Provider Selection - Deposit Services



The service consumers are imported successfully. A sample screen after import operation is shown below.

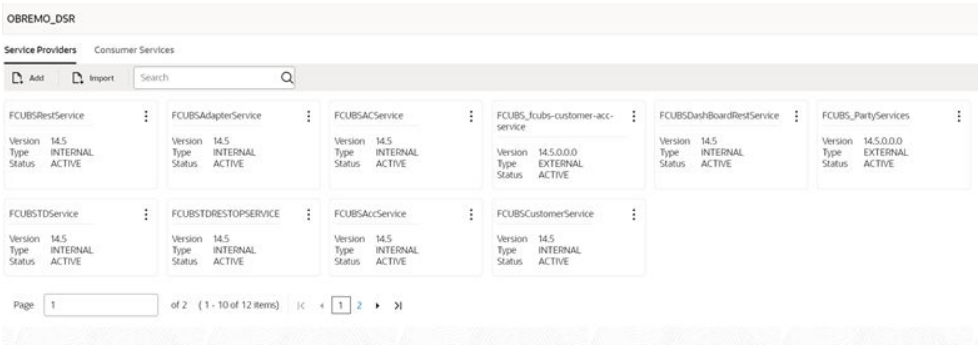
Figure 1-45 Imported Service Consumers - Deposit Services



6. Click **OBREMO_DSR**.

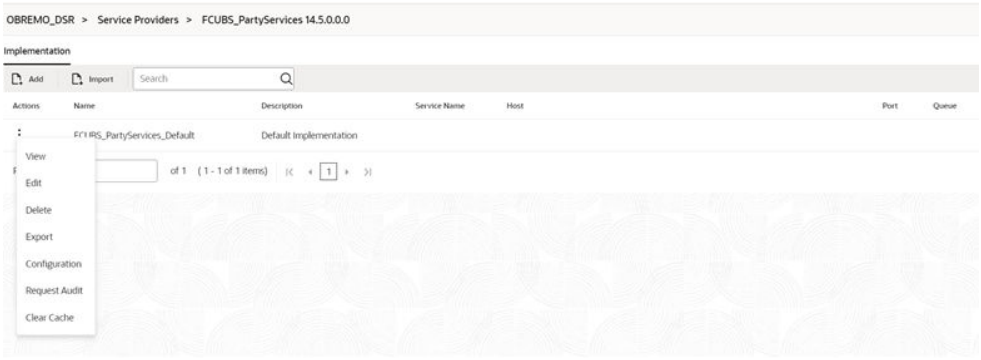
   The service providers are displayed.

Figure 1-46 View Service Providers - Deposit Services



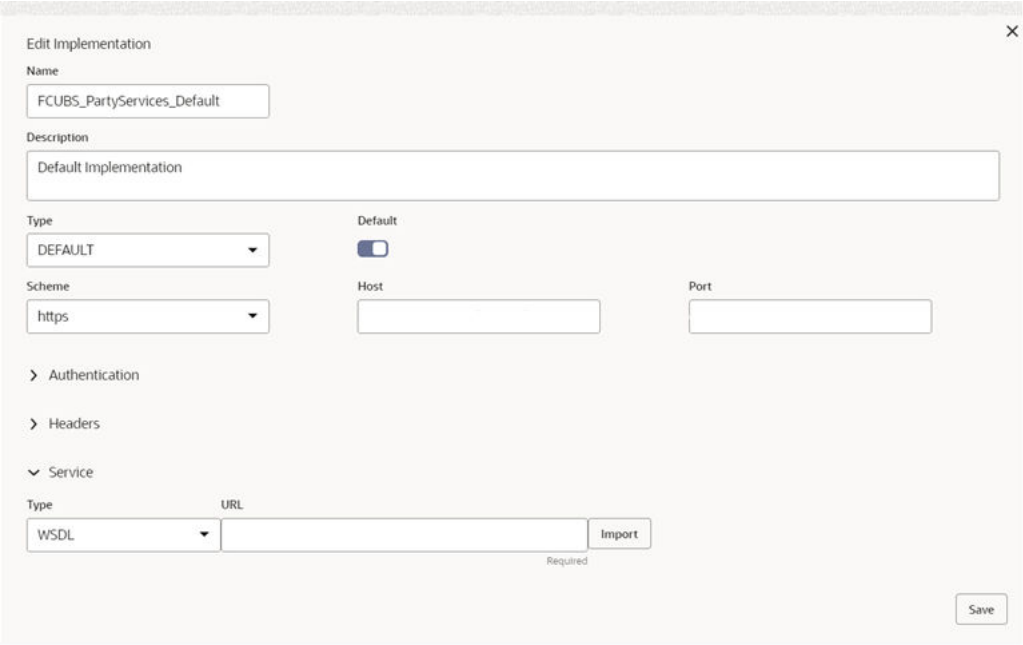
7. Click on the individual service provider, and select **Edit**.

Figure 1-47 Edit Service Provider - Deposit Services



The **Edit Implementation** pop-up screen is displayed.

Figure 1-48 Edit Implementation - Deposit Services



8. On the **Edit Implementation** pop-up screen, specify the **Host** and **Port** as per the host system (FLEXCUBE Universal Banking) installation, and click **Save**.

   The implementation details are saved for the service provider.

9. Perform steps 7 and 8 again for all the service providers.

1.2.1.7 Configure Loan Services

You can maintain the routing configuration of the Oracle Banking Routing Hub in common core for Loans transitions of the Oracle Banking Branch to create, update, and query the host system. A host system can be FLEXCUBE Universal Banking.

Log in to Oracle Banking Branch Homepage. For information on how to log in, refer to *Getting Started User Guide* in the Oracle Banking Branch Documentation Library.

To configure loan services:

1. On the Homepage, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**, and then select **Service Consumers** or specify **Service Consumers** in the search icon bar and select the screen.

   The **Service Consumers** screen is displayed.

Figure 1-49 Service Consumers - Loan Services

2. Click **Import**.

   The **Import Service Consumer** pop-up screen is displayed.

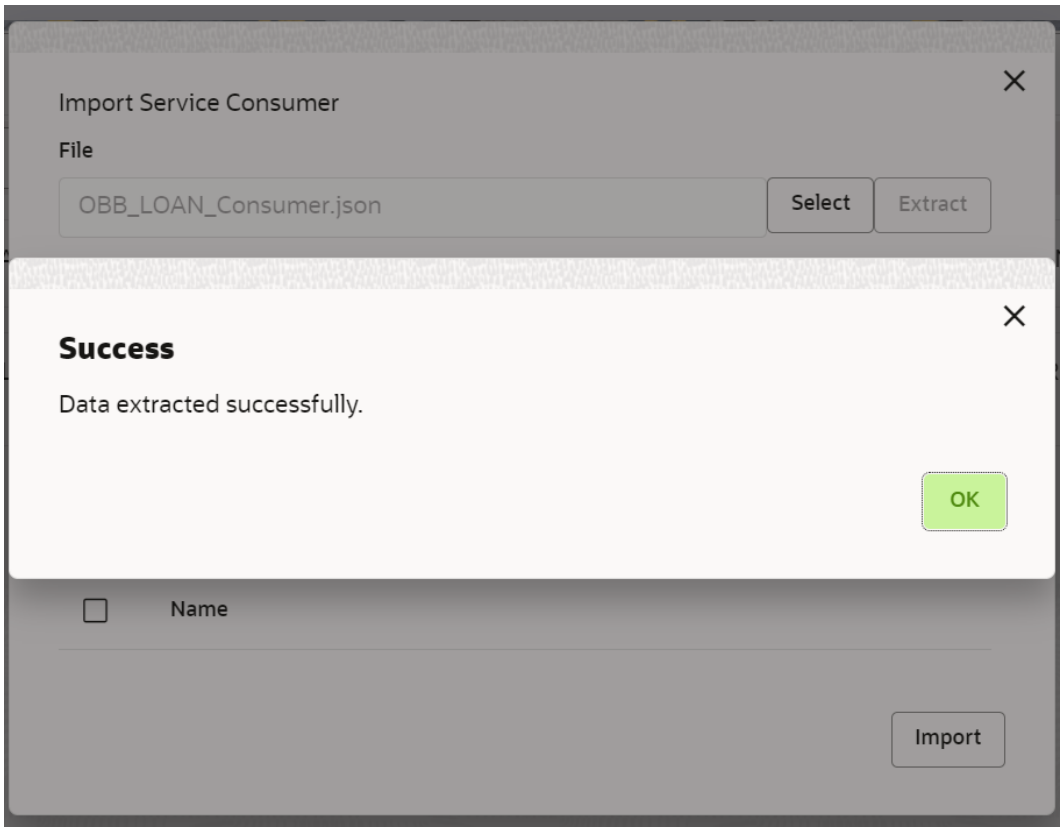
3. On the **Import Service Consumer** pop-up screen, click **Select** and upload the `OBB_LOAN_Consumer_UBS.json` file provided in the release.

> **Note:**
>
> The folder path for the `OBB_LOAN_Consumer_UBS.json` file is `\OBBRN_ROUTING_CONFIGURATION`.

4. Click **Extract**.

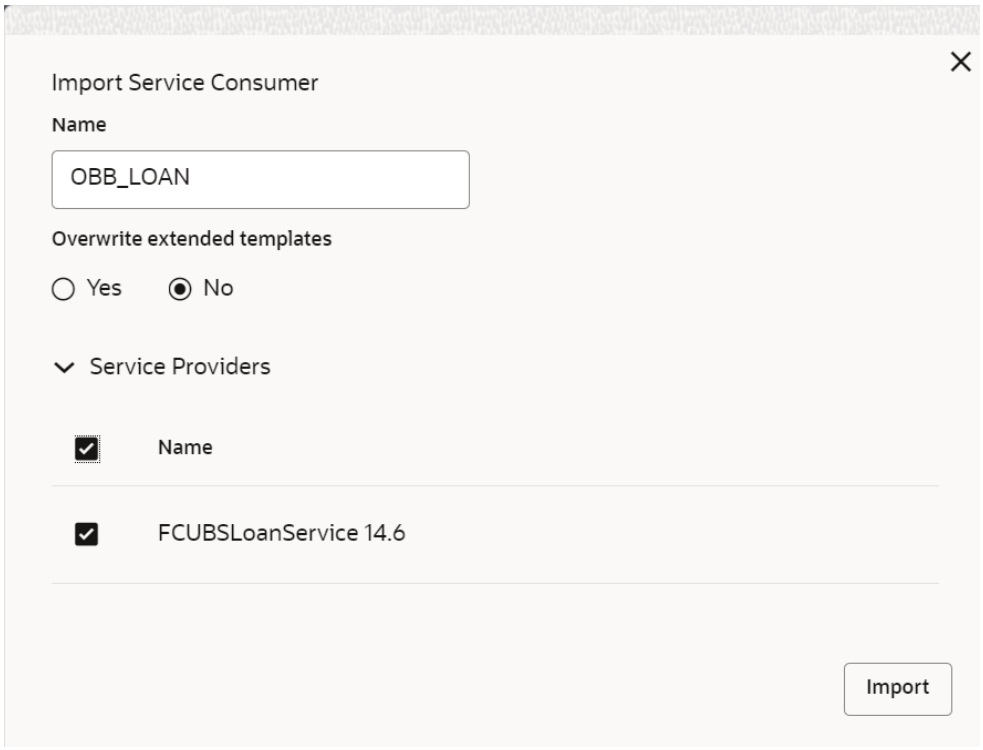
   The data is extracted successfully.

Figure 1-50 Import Service Consumer - Loan Services



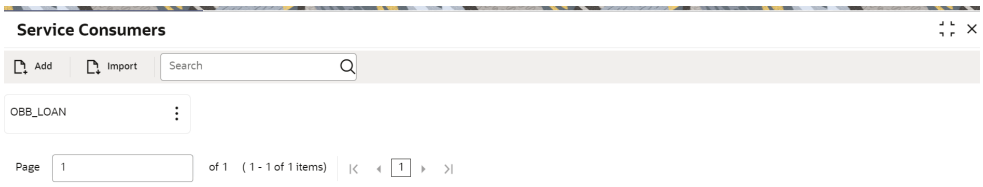
5. Select all the extracted service providers, and click **Import**.

Figure 1-51 Service Provider Selection - Loan Services



The service consumers are imported successfully. A sample screen after import operation is shown below.

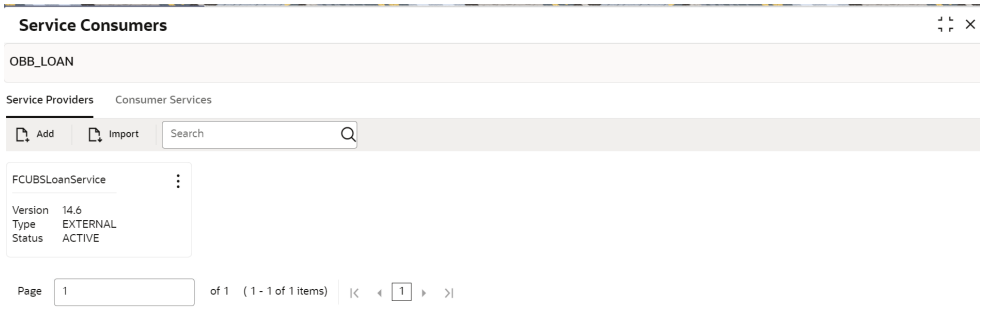
Figure 1-52 Imported Service Consumers - Loan Services



6. Click **OBB_LOAN**.

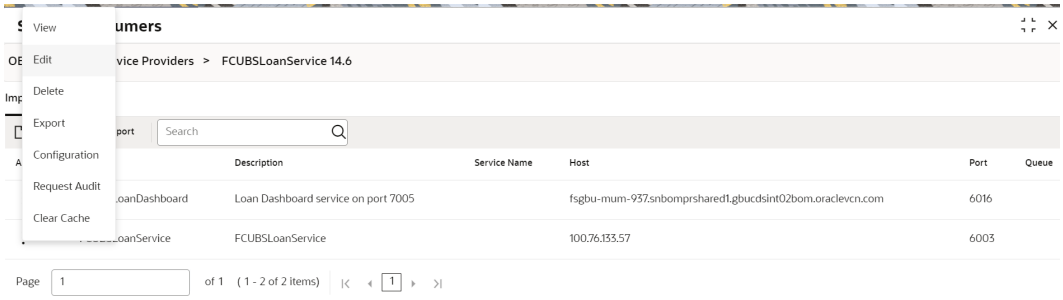
The service providers are displayed.

Figure 1-53 View Service Providers - Loan Services



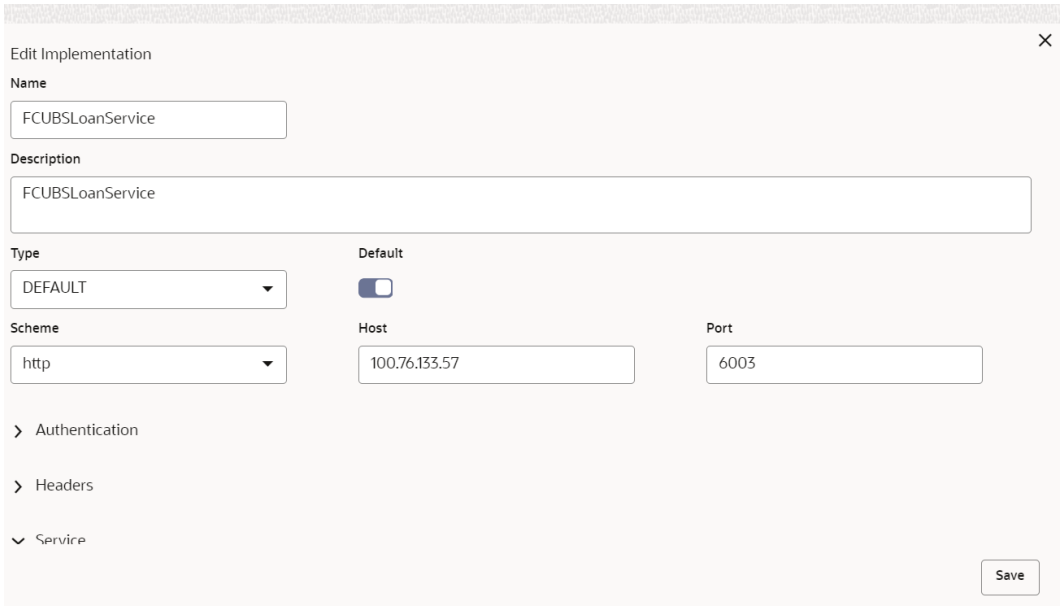
7. Click on the individual service provider, and select **Edit**.

Figure 1-54 Edit Service Provider - Loan Services



The **Edit Implementation** pop-up screen is displayed.

Figure 1-55 Edit Implementation - Loan Services



8. On the **Edit Implementation** pop-up screen, specify the **Host** and **Port** as per the host system (FLEXCUBE Universal Banking) installation, and click **Save**.

   The implementation details are saved for the service provider.

9. Perform steps 6 thru 8 again for all the service providers.

   The Loan Services are as follows:

   - `OBB_LOAN_Consumer_UBS.json`

1.2.2 Direct Access

The specific configurations are needed for the Oracle Banking Branch to integrate with the FLEXCUBE Universal Banking. The direct access feature will be discontinued in the future.

In the SRV_TM_AD_EXT_SYS_DEST_DTLS table, the server IP and port need to be updated in the column HOST_SERVER for services of the FLEXCUBE Universal Banking. The following API services will be called from Oracle Banking Branch during transaction processing and hand-off to FLEXCUBE Universal Banking.

Table 1-3 FLEXCUBE Universal Banking Services

DESTINATION	URL VALUE
ACC_FINSERVICE_URL	FCUBSAccFinService/FCUBSAccFinService
CUSTOMER_SERVICE_URL	FCUBSCustomerService/FCUBSCustomerService
DDA_ACC_URL	fcubs-ext-accounting-services/service/v1/Accounting
DDA_CREDIT_CARD_GL_URL	obremo-srv-acc-credit-card-details-service/web/v1/datasegment/glAccountdetails
DDA_CREDIT_CARD_SAVE_URL	obremo-srv-acc-credit-card-details-service/web/v1/datasegment/CreditCardSave
DDA_CREDIT_CARD_URL	obremo-srv-acc-credit-card-details-service/web/v1/datasegment/creditcarddetails
DDA_CUST_SIG_URL	obremo-srv-acc-signature-details-service/web/v1/datasegment/signaturedetails
DDA_CUST_SRCH_URL	obremo-srv-customer-query-service/corecustomers/getCoreAccounts
DDA_GET_AVL_BAL_URL	fcubs-ext-accounting-services/service/v1/getAvailableBalance
DDA_SAFE_BANKING_URL	obremo-srv-acc-safe-Banking-details-service/web/v1/datasegment/getSafeBankingdetails
ECA_ACTION_URL	fcubs-eca-services/web/v1/EcaWeb/
ECA_URL	obac-srv-dda-eca-services/web/v1/EcaWeb
ExtPriceComponents	ExtPriceComponentsService/ExtPriceComponents/CreateExtPriceComp
FCUBSAccService_URL	FCUBSAccService/FCUBSAccService
FCUBSCIService_URL	FCUBSCIService/FCUBSCIService
FCUBSCLService_URL	FCUBSCLService/FCUBSCLService
FCUBSDLService_URL	FCUBSDLService/FCUBSDLService
FCUBSFinService_URL	FCUBSAccFinService/FCUBSAccFinService
FCUBSRTService_URL	FCUBSRTService/FCUBSRTService
GATEWAY_URL	none
MODIFY_CARD_MASTER_URL	FCUBSSTService/FCUBSSTService
SIGN_URL	GWHTTP/GWHttpServlet
SUMMARY_CARD_MASTER_URL	FCUBSSTService/FCUBSSTService
TERMDEPOSIT_URL	GWHTTP/GWHttpServlet

1.2.3 Relationship Pricing Integration

This topic contains the following subtopics:

- Maintain External Price Components of Relationship Pricing
  You need to maintain the external price components of the relationship pricing in the FLEXCUBE Universal Banking.
- Maintain External Data Elements of Relationship Pricing
  You need to maintain the external data elements of the Oracle Banking Branch in the FLEXCUBE Universal Banking.
- Maintain Pricing Source System
  You need to maintain the pricing source system (UBS-RP) to integrate the relationship pricing with the Oracle Banking Branch.
- Maintain Charge Definition
  You need to maintain the charge codes in the **Charge Definition Maintenance** screen and link them to the pricing source system. In addition, you need to link the corresponding External System Elements (EDE) applicable for the charge code.
- Charge Decision Maintenance
  The charge decision maintenance enables the integration of the relationship pricing with the Oracle Banking Branch.
- Transaction Charge Computation
  The transaction charge computation happens through a charge service call from the **Charge Decision Maintenance** screen to the common core.

1.2.3.1 Maintain Pricing Source System

You need to maintain the pricing source system (UBS-RP) to integrate the relationship pricing with the Oracle Banking Branch.

Log in to Oracle Banking Branch Homepage. For information on how to log in, refer to *Getting Started User Guide* in the Oracle Banking Branch Documentation Library.

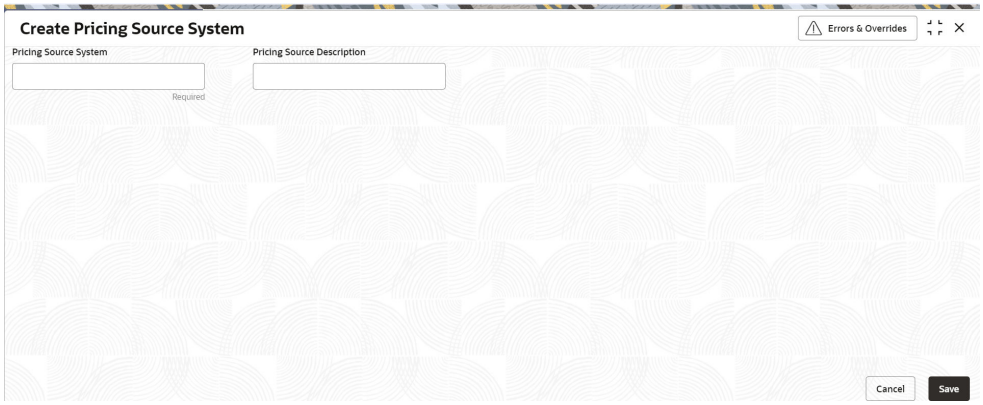
To maintain the pricing source system:

1. On the Homepage, click **Core Maintenance**. Under **Core Maintenance**, click **Pricing Source System**, and then select **Create Pricing Source System** or specify **Create Pricing Source System** in the search icon bar and select the screen.

   The **Create Pricing Source System** screen is displayed.

2. On the **Create Pricing Source System** screen, specify the details in the fields as shown in the figure. For information on the fields, refer to the *Oracle Banking Common Core User Guide* in the Oracle Banking Branch Documentation Library.

Figure 1-56 Pricing Source System



1.2.3.2 Maintain Charge Definition

You need to maintain the charge codes in the **Charge Definition Maintenance** screen and link them to the pricing source system. In addition, you need to link the corresponding External System Elements (EDE) applicable for the charge code.

Log in to Oracle Banking Branch Homepage. For information on how to log in, refer to *Getting Started User Guide* in the Oracle Banking Branch Documentation Library.

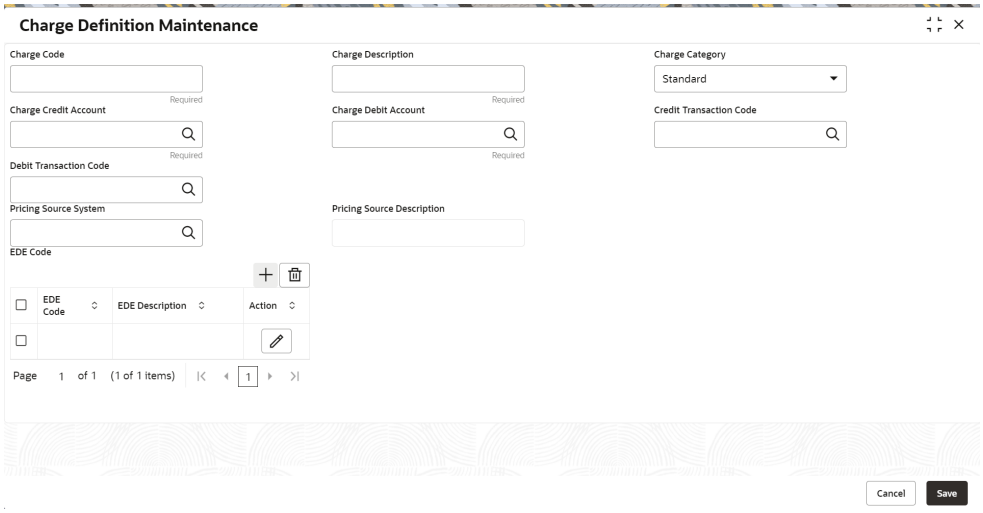
The static set of EDEs will be fetched from the list of values as provided by the pricing source system.

To maintain charge definition:

1. On the Homepage, click **Teller**. On Teller Mega Menu, under **Branch Maintenance**, click **Charge Definition Maintenance** or specify **Charge Definition Maintenance** in the search icon bar and select the screen.

   The **Charge Definition Maintenance** screen is displayed.

Figure 1-57 Charge Definition Maintenance



2. On the **Charge Definition Maintenance** screen, specify the details in the fields as shown in the figure. For information on the fields, refer to the **Teller User Guide** in the Oracle Banking Branch Documentation Library.

1.2.3.3 Charge Decision Maintenance

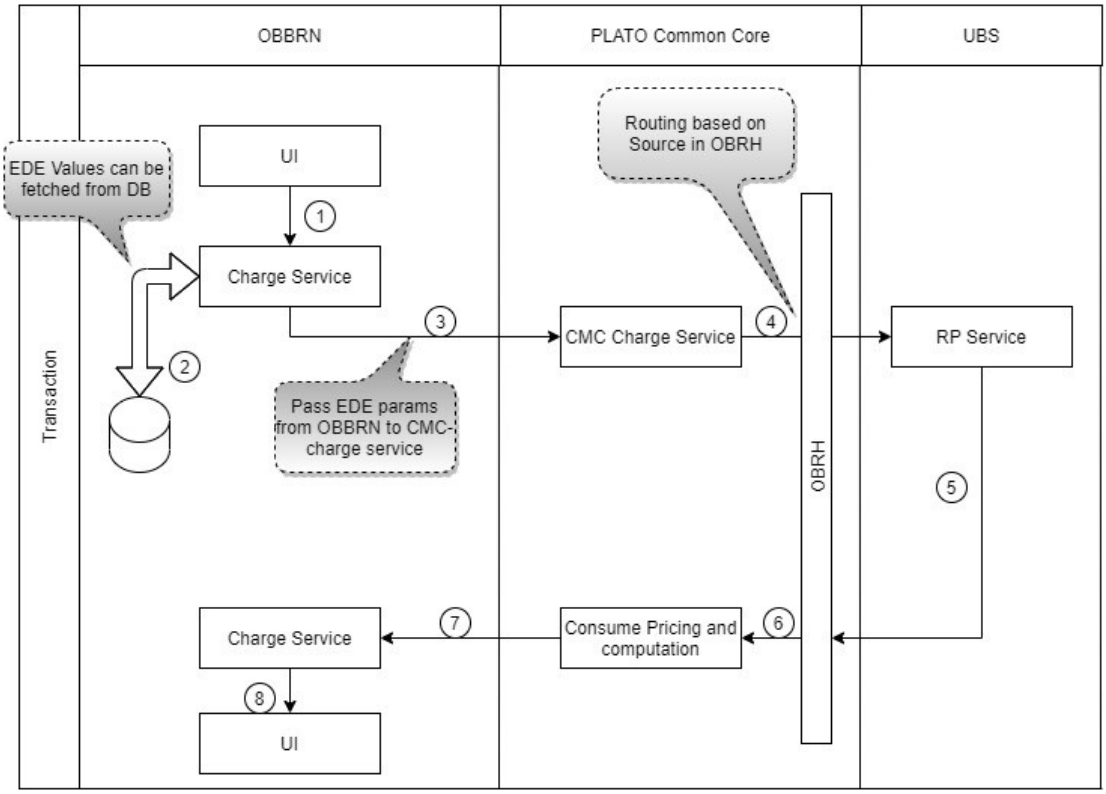
The charge decision maintenance enables the integration of the relationship pricing with the Oracle Banking Branch.

The charge codes maintained in the **Charge Definition Maintenance** screen will be linked in the **Charge Decision Maintenance** screen with the pricing rule ID directly or with the charge condition grouping. Oracle Banking Branch uses charge codes to apply Relationship Pricing by invoking the FLEXCUBE Universal Banking pricing engine.

1.2.3.4 Transaction Charge Computation

The transaction charge computation happens through a charge service call from the **Charge Decision Maintenance** screen to the common core.

Figure 1-58 Relationship Pricing Transactional Flow



The charge pickup or the charge computation happens on the tab out of the **Amount** field in transaction screens. During charge computation in Oracle Banking Branch, the **Charge Decision Maintenance** screen will identify the list of charge codes for a transaction, and make a charge service call to the common core for charge computation.

`CMC-Charge-Service` will compute regular charge as per definition, and then make a call to the pricing engine (if the pricing source system is maintained) along with EDE fields and values maintained in the **Charge Definition Maintenance** screen.

The Oracle Banking Branch consumes the response from the pricing engine (FLEXCUBE Universal Banking) and computes the charges accordingly. The below figure represents the transactional flow of the relationship pricing for the integration of Oracle Banking Branch and FLEXCUBE Universal Banking.

1.3 Maintenance for Core Replication

The FLEXCUBE Universal Banking is the host system that replicates the data to Plato core.

Core entities such as customer and account information will be replicated for mid-office products to work with. Replication is supported for the following entities:

- Customer
- Account
- External Chart of Accounts
- Transaction Code
- Exchange Rates
- Currency Holiday Maintenance
- Local Holidays
- Currency Pair
- Currency Rate Type
- Currency Definition

The following operations are provided as a part of replication:

- Create
- Modify
- Reopen
- Close

This topic contains the following subtopics:

- Add Service Consumers
  You can add service producers and consumers for Customers and Account.
- Maintain External Services
  You need to maintain the external services in FLEXCUBE Universal Banking for the external system (PLATOCORE, OBSRV).
- Maintain Upload Source Code
  You need to maintain the upload source code in the Oracle Banking Branch for the source system (*FLEXCUBE*).

1.3.1 Add Service Consumers

You can add service producers and consumers for Customers and Account.

Log in to Oracle Banking Branch Homepage. For information on how to log in, refer to *Getting Started User Guide* in the Oracle Banking Branch Documentation Library.

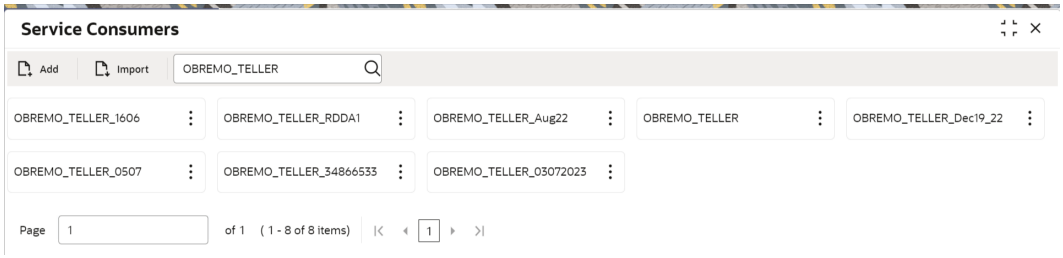
Service Consumer is an Oracle product, which will invoke the API of the Oracle Banking Routing Hub. Oracle Banking Routing Hub will analyze, evaluate destination product processors, and transform data into a format of the same. It comprises the source and destination integration details.

To add service consumers:

1. On the Homepage, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**, and then select **Service Consumers** or specify **Service Consumers** in the search icon bar and select the screen.

   The **Service Consumers** screen is displayed.

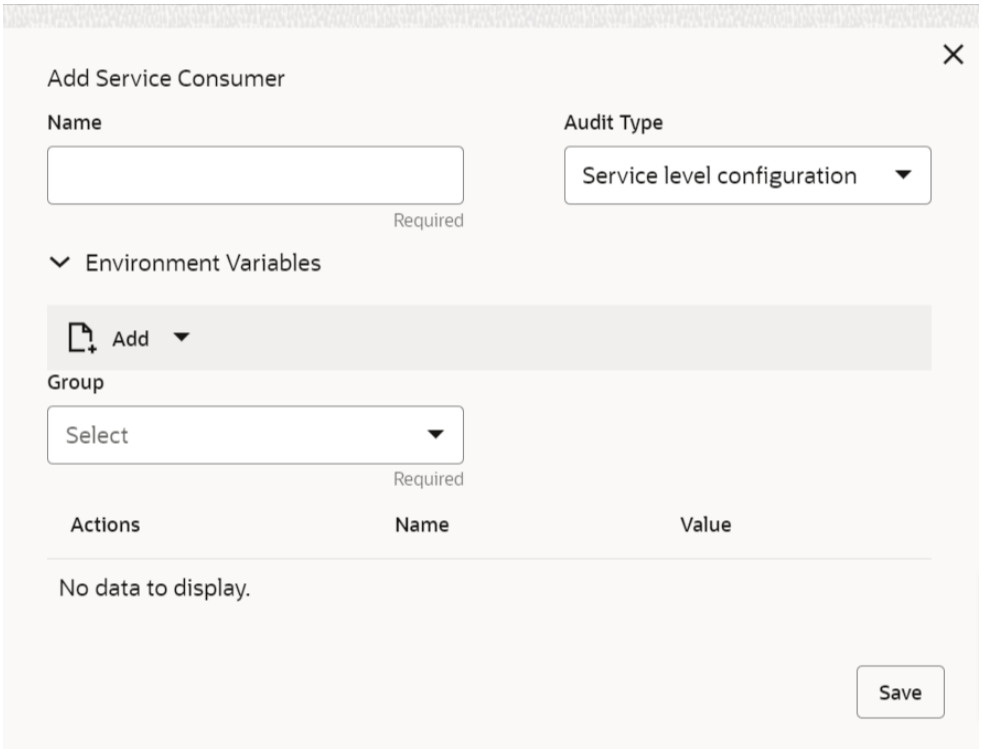
Figure 1-59 Service Consumers - Customer and Account



2. On the **Service Consumers** screen, click **Add** to create a new Oracle Banking Routing Hub template.

   The **Add Service Consumer** pop-up screen is displayed.

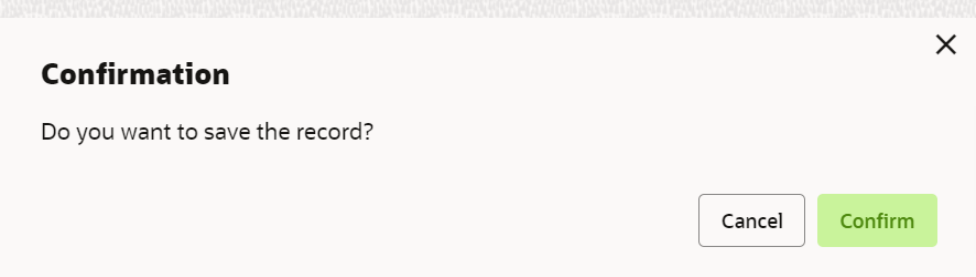
Figure 1-60 Add Service Consumer



3. On the **Add Service Consumer** pop-up screen, specify the details, and click **Save**.

   The confirmation dialog box is displayed with **Confirm** and **Cancel** options.

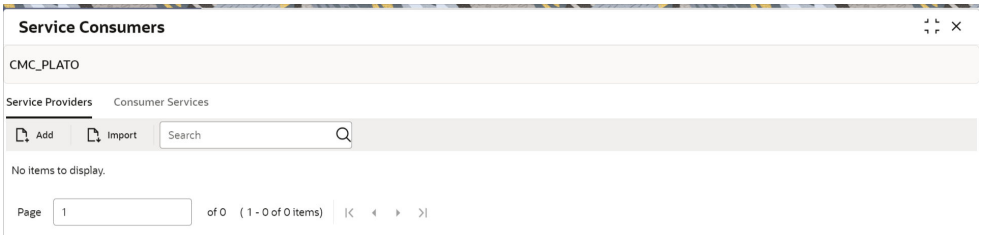
Figure 1-61 Add Service Consumer – Confirmation



4. Click **Confirm**.

   The template is created.

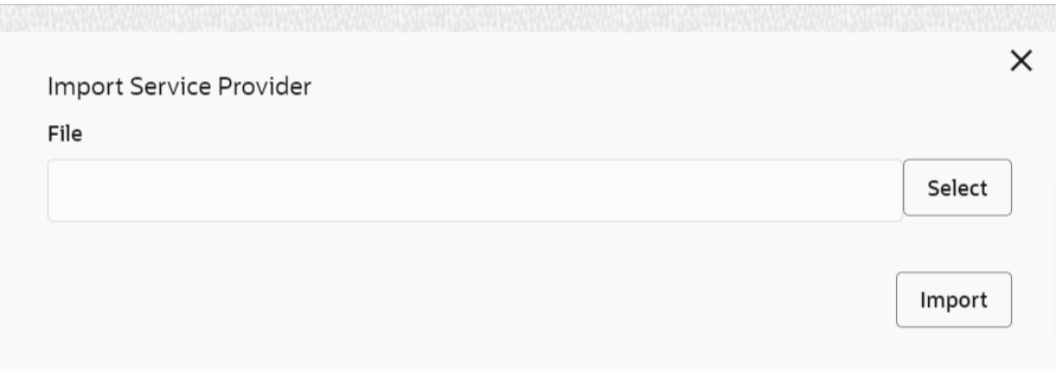
Figure 1-62 Add Service Providers



5. On the **Service Consumers** screen, click **CMC_PLATO** and select **Import** to import the necessary file.

   The **Import Service Provider** pop-up screen is displayed.

Figure 1-63 Import Service Provider



6. On the **Import Service Provider** pop-up screen, click **Select** and select the JSON file.
7. Click **Import**.

   The JSON file is imported as the service provider.

1.3.2 Maintain External Services

You need to maintain the external services in FLEXCUBE Universal Banking for the external system (PLATOCORE, OBSRV).

Log in to FLEXCUBE Universal Banking Homepage. For information on how to log in, refer to the *Procedures User Guide* in the FLEXCUBE Universal Banking Documentation Library.

Based on the data created in FLEXCUBE Universal Banking, the quartz scheduler will invoke the Oracle Banking Routing Hub service by using the maintained details.

To maintain the external services:

1. On the Homepage, specify **IFDEXSER** in the text box, and click the next arrow.

   The **External Service Maintenance** screen is displayed.
2. On the **External Service Maintenance** screen, specify the details in the fields as shown in the figure. For information on the fields, refer to the *FLEXCUBE UBS - ELCM Integration Guide* guide in the FLEXCUBE Universal Banking Documentation Library.

Figure 1-64 External Service Maintenance - PLATOCORE

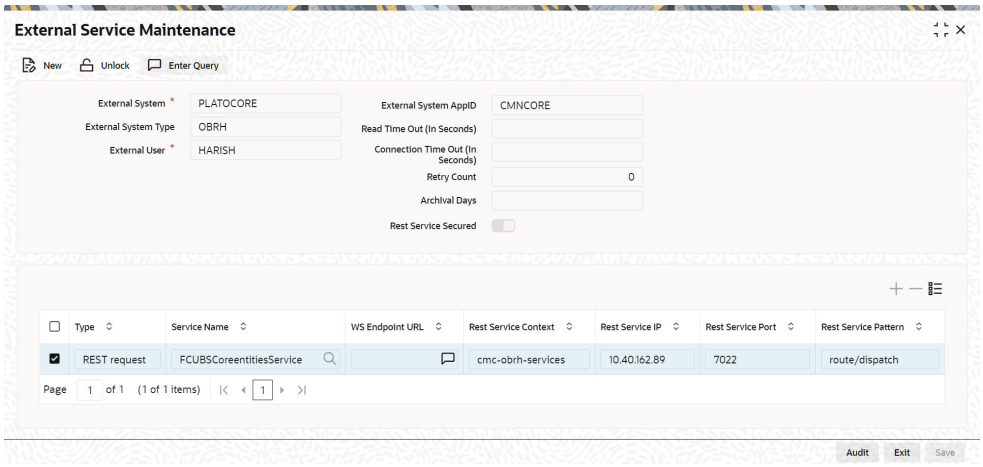
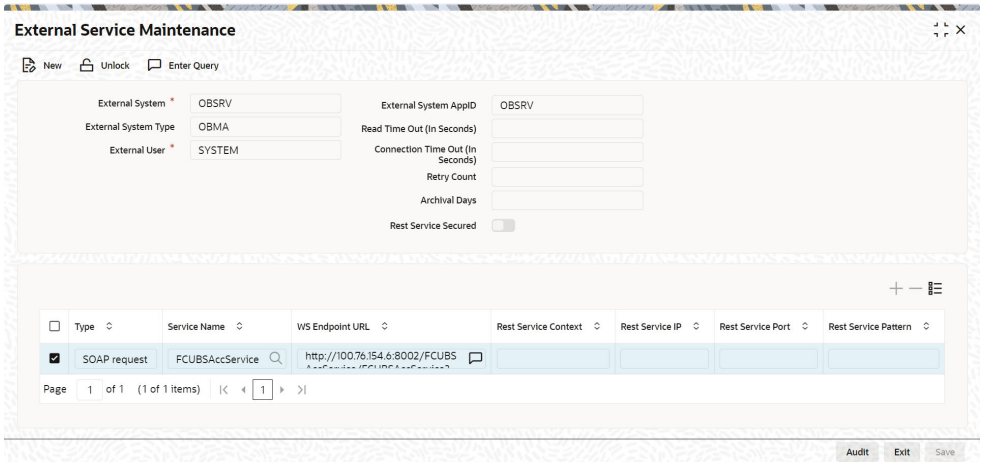


Figure 1-65 External Service Maintenance - OBSRV



1.3.3 Maintain Upload Source Code

You need to maintain the upload source code in the Oracle Banking Branch for the source system (*FLEXCUBE*).

Log in to Oracle Banking Branch Homepage. For information on how to log in, refer to *Getting Started User Guide* in the Oracle Banking Branch Documentation Library.

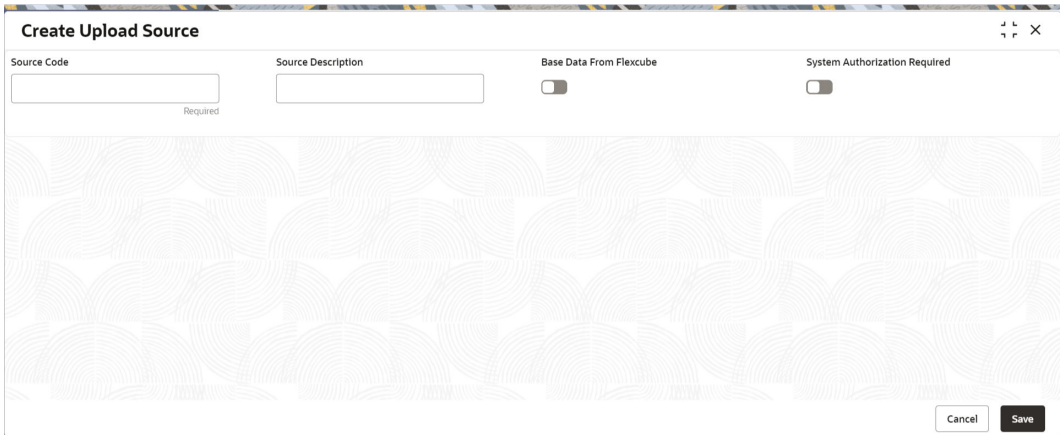
To maintain the upload source code:

1. On the Homepage, click **Core Maintenance**. Under **Core Maintenance**, click **Upload Source**, and then select **Create Upload Source**.

   The **Create Upload Source** screen is displayed.

2. On the **Create Upload Source** screen, specify the details in the fields as shown in the figure. For information on the fields, refer to the *Oracle Banking Common Core User Guide* in the Oracle Banking Branch Documentation Library.

Figure 1-66 Upload Source Code Maintenance



2

Integration of Oracle Banking Payments

The Oracle Banking Payments can be integrated with the Oracle Banking Branch through specific maintenances.

The following maintenance procedures need to be performed to integrate Oracle Banking Branch with the Oracle Banking Payments:

- Maintenance for Oracle Banking Branch
  You can use the Oracle Banking Routing Hub or direct access method to perform the maintenance for the Oracle Banking Branch.
- Maintenance for Oracle Banking Payments
  The following maintenances are needed to integrate Oracle Banking Branch with Oracle Banking Payments.

2.1 Maintenance for Oracle Banking Branch

You can use the Oracle Banking Routing Hub or direct access method to perform the maintenance for the Oracle Banking Branch.

Using Oracle Banking Routing Hub

For information on maintenances using Oracle Banking Routing Hub, refer to Maintenance Using Oracle Banking Routing Hub.

Direct Access

In the direct access method, specific configurations are needed to integrate the Oracle Banking Branch with the Oracle Banking Payments. In the `SRV_TM_AD_EXT_SYS_DEST_DTLS` table, you need to update the server IP and port in column `HOST_SERVER` and `GL` in column `BRIDGE_GL` for Oracle Banking Payments services.

The API service will be called from Oracle Banking Branch during transaction processing and handoff to Oracle Banking Payments. For information on the API services, refer to the table below.

Table 2-1 API Services

Service	Description
Clearing Network	This service is used to fetch clearing network code from Oracle Banking Payments for outward clearing transactions. The URL is `OBPAY_CLG_NETWORK_URL` [`PMReST/obpmrest/payments/ClearingNetworkQuery`]. **Note:** The bridge GL is not applicable.
Clearing Routing Number	This service is used to fetch the routing number from Oracle Banking Payments for outward clearing transactions. The URL is `OBPAY_CLG_ROUTINGNUM_URL` [`PMReST/obpmrest/payments/ClearingRoutingNoQuery`]. **Note:** The bridge GL is not applicable.
Inward Clearing	This service is used to hand off inward clearing transaction requests to Oracle Banking Payments. The URL is `OBPAY_INWRDCLG_URL` [`PMReST/obpmrest/payments/inclg`].
Inward Clearing Return	This service is used to hand off the return of inward clearing transaction requests to Oracle Banking Payments. The URL is `OBPAY_INWRDCLG_RETURN_URL` [`PMReST/obpmrest/payments/inclgreturn`].
Duplication	This service is used to issue duplicate instruments from Oracle Banking Payments. The URL is `OBPAY_DUPLICATION_URL` [`PMReST/obpmrest/payments/instrumentduplicate`].
Instrument Enquiry	This service is used to enquire the instrument transactions from Oracle Banking Payments. The URL is `OBPAY_INSTENQUIRY_URL` [`PMReST/obpmrest/payments/instrumentinquiry`].
Instrument Issue	This service is used to hand off instrument issue requests to Oracle Banking Payments. The URL is `OBPAY_INSTISSUE_URL` [`PMReST/obpmrest/payments/instrumentissue`].
Instrument Pay	This service is used to hand off instrument payment requests to Oracle Banking Payments. The URL is `OBPAY_INSTPAY_URL` [`PMReST/obpmrest/payments/instrumentpay`].
Revalidation	This service is used to hand off instrument revalidate requests to Oracle Banking Payments. The URL is `OBPAY_REVALIDATION_URL` [`PMReST/obpmrest/payments/instrumentrevalidation`].

Table 2-1 (Cont.) API Services

Service	Description
Outward Clearing	This service is used to hand off outward clearing transaction request to Oracle Banking Payments. The URL is `OBPAY_OUTCLG_URL` [`PMReST/obpmrest/payments/outclg`].
Outward Clearing Return	This service is used to hand off the return of the outward clearing transaction request to Oracle Banking Payments. The URL is `OBPAY_OUTCLG_RETURN_URL` [`PMReST/obpmrest/payments/outclgreturn`].
Single Payout	This service is used to hand off payment transaction request to Oracle Banking Payments. This single service will be used for the following transactions: • Book Transfers • In-House Cheque Deposit • Domestic Transfers • International Transfers The URL is `OBPAY_SINGLE_PAYOUT_URL` [`PMReST/obpmrest/payments/singlepayout`].

For information on the additional details, refer to the table below.

Table 2-2 Additional Details

Tag/Service	Description
Host Code	This tag is optional and will be sent as `Null` from the Oracle Banking Branch for all services.
Source Code	This tag will be populated as `OBTLR` from the Oracle Banking Branch for all services.
Network Code	This tag needs to be populated for single payout service as below: • `BOOK` for Account Transfer • `BOOK` for In-House Cheque Deposit • `SWIFT` for International Transfers
Instrument Issue	The details of the instrument issue service are as follows: • For DD, the `instrumentCode` tag is passed as `DEMANDFT` and the `instrumentType` tag is passed as `DD`. • For BC, the `instrumentCode` tag is passed as `MNGRCHK` and the `instrumentType` tag is passed as `MC`. • For Remittance Issue, maintain `"TELTRF"` as instrument code and `"RO"` as instrument type in OBPM. • For Inward remittance issue, maintain `"TLTRFIN"` as instrument code and `"RI"` as instrument type in OBPM.
Instrument Pay	The details of instrument pay service are as follows: • For DD, the `instrumentCode` tag is passed as `DEMANDFT`. • For BC, the `instrumentCode` tag is passed as `MNGRCHK`.

- Create Entity
  You need to create the entity in Oracle Banking Branch to configure the notifications for Oracle Banking Payments.

2.1.1 Create Entity

You need to create the entity in Oracle Banking Branch to configure the notifications for Oracle Banking Payments.

Log in to Oracle Banking Branch Homepage. For information on how to log in, refer to *Getting Started User Guide* in the Oracle Banking Branch Documentation Library.

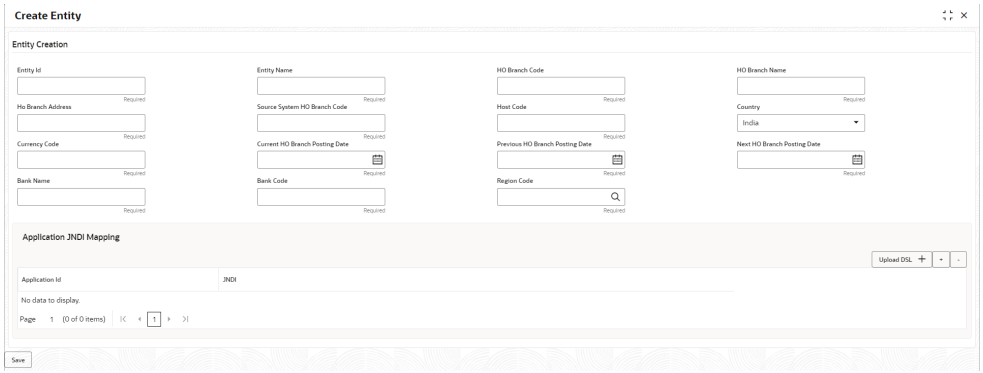
To create the entity:

1. On the Homepage, click **Entities**. Under **Entities**, click **Create Entity** or specify **Create Entity** in the search icon bar and select the screen.

   The **Create Entity** screen is displayed.

2. On the **Create Entity** screen, create an entity with `ENTITY_ID1` as the name. For information on the screen and fields, refer to the *Oracle Banking Common Core User Guide*. A sample is shown in the below figure.

Figure 2-1 Create Entity



2.2 Maintenance for Oracle Banking Payments

The following maintenances are needed to integrate Oracle Banking Branch with Oracle Banking Payments.

This topic contains the following subtopics:

- Maintain Source Details and Source Network Preferences
  You need to maintain the source details and source network preferences to integrate Oracle Banking Branch with Oracle Banking Payments.
- Maintain External Notification and Queue Connection Profile
  You need to maintain the details of the external notification queue and queue connection profile for call-back configuration in the Oracle Banking Payments.

2.2.1 Maintain Source Details and Source Network Preferences

You need to maintain the source details and source network preferences to integrate Oracle Banking Branch with Oracle Banking Payments.

The prerequisites are as follows:

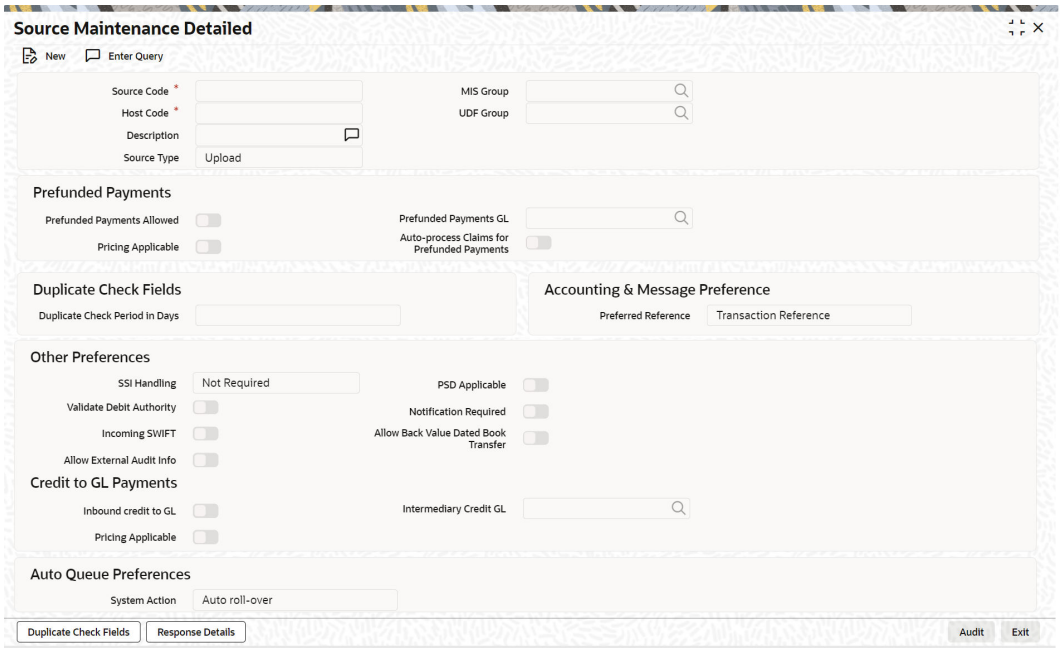
1. Open the login page of Oracle Banking Payments.
2. Specify **Username** and **Password**, and log in to Oracle Banking Payments Homepage.

Maintain source details and source network preferences as follows:

1. On the Homepage, specify **PMDSORCE** in the text box, and click the next arrow.

   The **Source Maintenance Detailed** screen is displayed.
2. On the **Source Maintenance Detailed** screen, specify the details as shown in the figure. For information on the fields, refer to the *Payments Core User Guide* in the Oracle Banking Payments Documentation Library.

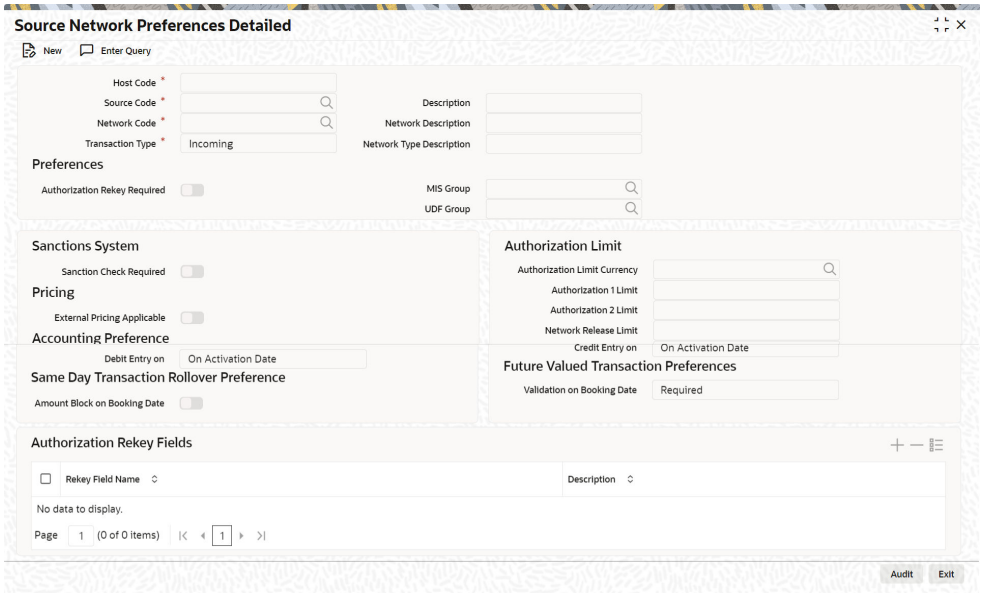
Figure 2-2 Source Maintenance Detailed



3. On the Homepage, specify **PMDSORNW** in the text box, and click the next arrow.

   The **Source Network Preferences Detailed** screen is displayed.
4. On the **Source Network Preferences Detailed** screen, specify the details as shown in the figure. For information on the fields, refer to the *Payments Core User Guide* in the Oracle Banking Payments Documentation Library.

Figure 2-3 Source Network Preferences Detailed



2.2.2 Maintain External Notification and Queue Connection Profile

You need to maintain the details of the external notification queue and queue connection profile for call-back configuration in the Oracle Banking Payments.

The prerequisites are as follows:

1. Open the login page of Oracle Banking Payments.
2. Specify **Username** and **Password**, and log in to Oracle Banking Payments Homepage.

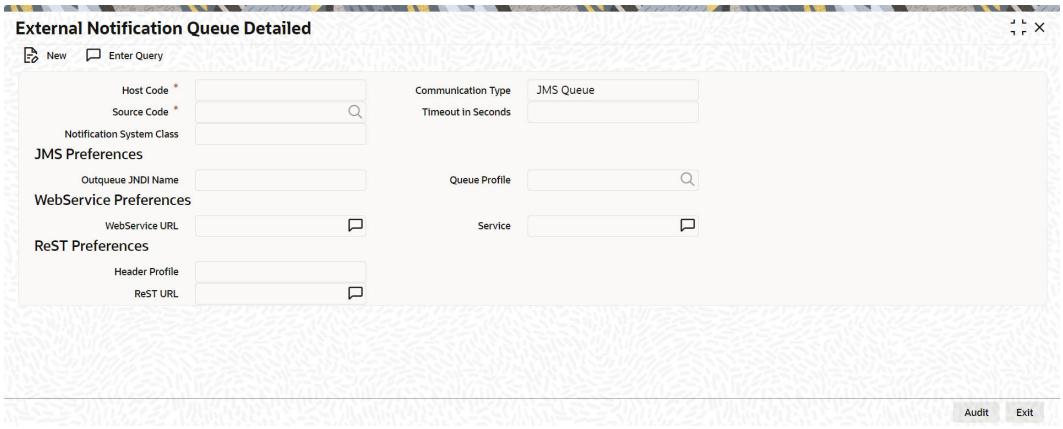
After the Oracle Banking Branch hand off the transactions to Oracle Banking Payments and process the transactions, the Oracle Banking Payments will push back the notification to Oracle Banking Branch based on the below configurations.

To maintain external notification and queue connection profile:

1. On the Homepage, specify **PMDEXTNT** in the text box, and click the next arrow.

   The **External Notification Queue Detailed** screen is displayed.
2. On the **External Notification Queue Detailed** screen, specify the details as shown in the figure. For information on the fields, refer to the *Payments Core User Guide* in the Oracle Banking Payments Documentation Library.

Figure 2-4 External Notification Queue Detailed

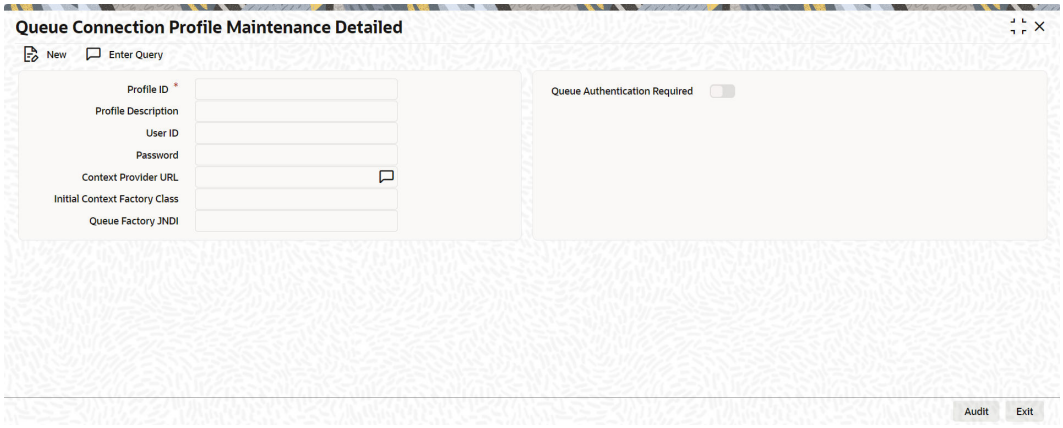


3. On the Homepage, specify **PMDQPROF** in the text box, and click the next arrow.

   The **Queue Connection Profile Maintenance Detailed** screen is displayed.

4. On the **Queue Connection Profile Maintenance Detailed** screen, specify the details as shown in the figure. For information on the fields, refer to the *Payments Core User Guide* in the Oracle Banking Payments Documentation Library.

Figure 2-5 Queue Connection Profile Maintenance Detailed



> **Note:**
>
> The **Profile ID** mentioned in the figure needs to be maintained as the Oracle Banking Branch User ID for the specific branch.

The **Profile ID** will be sent as **User ID** in the request header for the call-back from Oracle Banking Payments to Oracle Banking Branch.

3

Integration of Oracle Banking Virtual Account Management

The Oracle Banking Virtual Account Management can be integrated with the Oracle Banking Branch through specific maintenances.

The following maintenance procedures are needed to integrate Oracle Banking Branch with the Oracle Banking Virtual Account Management:

- Configurations for Oracle Banking Branch
  You need to perform specific configurations to integrate Oracle Banking Branch with Oracle Banking Virtual Account Management.
- Maintenance for Oracle Banking Virtual Account Management

3.1 Configurations for Oracle Banking Branch

You need to perform specific configurations to integrate Oracle Banking Branch with Oracle Banking Virtual Account Management.

Connect to the database schema to configure the values in the database tables.

To configure the values:

1. Update the values in the `BRANCHCOMMON` and `ADAPTER` Schemas. For information on tables and values, refer to the table below.

Table 3-1 Configurations for BRANCHCOMMON and ADAPTER Schemas

Schema	Table	Value
BRANCHCOMMON	SRV_TM_BC_PARAM_DTLS	Update the following values: • PARAM_VALUE = Y • PARAM_NAME='VAM_INTEGRATED'
BRANCHCOMMON	SRV_TM_BC_PARAM_DTLS	Update the following values: • PARAM_VALUE = Y • PARAM_NAME='VAM_IDENTIFIER'

Table 3-1 (Cont.) Configurations for BRANCHCOMMON and ADAPTER Schemas

Schema	Table	Value
ADAPTER	SRV_TM_AD_EXT_SYS_DEST_DTLS	Update the following values for the virtual account and virtual identifier services (VAM_ACC_URL and VAM_EAC_CHECK): • Server IP and port in HOST_SERVER column • GL in BRIDGE_GL column **Note:** The BRIDGE_GL is not required for the virtual identifier.

2. Update the services of Oracle Banking Payments as follows:

Table 3-2 Oracle Banking Payments Services

Destination	URL Value
VAM_ACC_URL	/obvam-transaction-journal-services/service/txns
VAM_EAC_CHECK	/obvam-transaction-journal-services/service/eac

3.2 Maintenance for Oracle Banking Virtual Account Management

You need to perform the following maintenances to integrate Oracle Banking Virtual Account Management with Oracle Banking Branch.

This topic contains the following subtopics:

- Maintain Entry in Common Core
  You can maintain the entry in common core to integrate Oracle Banking Branch with Oracle Banking Virtual Account Management.
- Create User and Assign Role
  You need to create a user for Oracle Banking Branch and assign the role for the user to perform journal transactions in Oracle Banking Virtual Account Management.
- Create Upload Source
  You need to maintain the upload source code for the external system (Oracle Banking Branch) to integrate with Oracle Banking Virtual Account Management.

3.2.1 Maintain Entry in Common Core

You can maintain the entry in common core to integrate Oracle Banking Branch with Oracle Banking Virtual Account Management.

Connect to the database schema to configure the values in the database tables.

Maintain the entry in common core as follows:

Update the entry in the `CMC_TM_EXT_SYSTEM` table in common core with a valid `WSDL` URL for `FCUBSCoreentitiesService` web service exposed by Oracle Banking Virtual Account Management.

3.2.2 Create User and Assign Role

You need to create a user for Oracle Banking Branch and assign the role for the user to perform journal transactions in Oracle Banking Virtual Account Management.

Log in to Oracle Banking Virtual Account Management Homepage. For information on how to log in, refer to *Oracle Banking Getting Started User Guide* in the Oracle Banking Virtual Account Management Documentation Library.

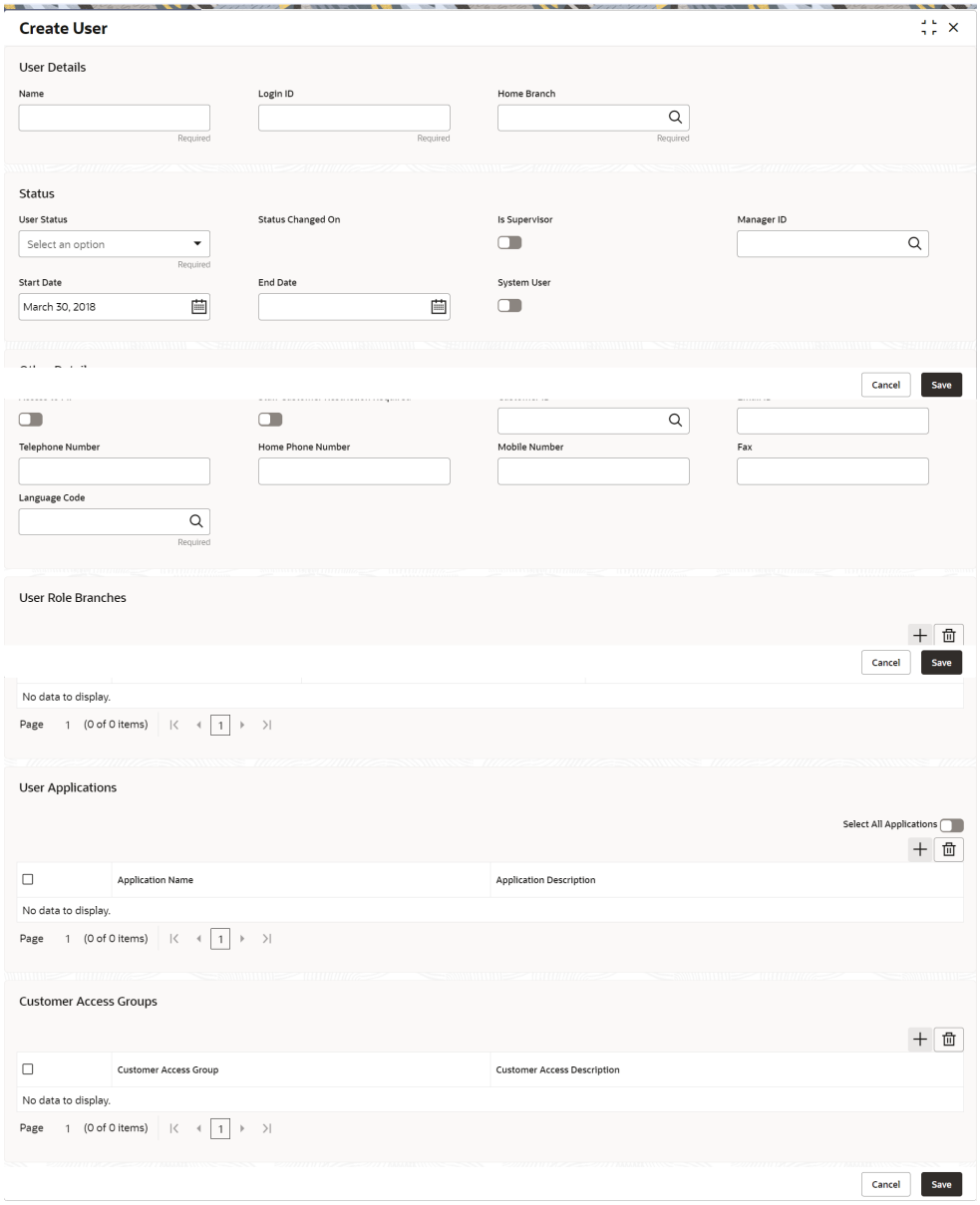
To create a user and assign the roles:

1. On the Homepage, click **Security Management**. Under **Security Management**, click **User**, and then select **Create User** or specify **Create User** in the search icon bar and select the screen.

   The **Create User** screen is displayed.

2. On the **Create User** screen, specify the details in the fields as shown in the figure. For information on the fields, refer to the *Oracle Banking Security Management System User Guide* in the Oracle Banking Branch Documentation Library.

Figure 3-1 Create User



3. Share the user to Oracle Banking Branch.

3.2.3 Create Upload Source

You need to maintain the upload source code for the external system (Oracle Banking Branch) to integrate with Oracle Banking Virtual Account Management.

Log in to Oracle Banking Branch Homepage. For information on how to log in, refer to *Getting Started User Guide* in the Oracle Banking Branch Documentation Library.

To create the upload source code:

1. On the Homepage, click **Core Maintenance**. Under **Core Maintenance**, click **Upload Source**, and then select **Create Upload Source** or specify **Create Upload Source** in the search icon bar and select the screen.

The **Create Upload Source** screen is displayed.

2. On the **Create Upload Source** screen, specify the details in the fields as shown in the figure. For information on the fields, refer to the *Oracle Banking Common Core User Guide* in the Oracle Banking Branch Documentation Library.

Figure 3-2 Create Upload Source