

Integration Guide  
Oracle Banking Branch  
Release 14.4.0.3.0  
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## Integration Guide

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# 1. About this Manual

## 1.1 Purpose

This manual is to help with integration of Oracle Banking Branch product with FLEXCUBE Universal Banking, Oracle Banking Payments, and Oracle Banking Virtual Account Management.

## 1.2 Audience

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

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

## 1.3 List of Chapters

Following is the list of chapters in this document:

Role	Function
Chapter 1	Provides information on the intended audience. It also lists the various chapters covered in this manual.
Chapter 2	This chapter helps you to integrate Oracle Banking Branch product with FLEXCUBE Universal Banking.
Chapter 3	This chapter helps you to integrate Oracle Banking Branch product with Oracle Banking Payments.
Chapter 4	This chapter helps you to integrate Oracle Banking Branch product with Oracle Banking Virtual Account Management.

## 2. FLEXCUBE Universal Banking Integration

### 2.1 Introduction

You can integrate Oracle Banking Branch with FLEXCUBE Universal Banking. This chapter briefs you about the specific steps needed for integration of these two products and specific maintenances.

### 2.2 Maintenance for FLEXCUBE Universal Banking

Perform the maintenance in the below mentioned screens to complete the Gateway setup in FLEXCUBE Universal Banking for particular source system (OBTLR).

#### 2.2.1 CODSORCE – Upload Source Maintenance

**Figure 1: Upload Source Maintenance**

The screenshot shows a window titled "Upload Source Maintenance" with a menu bar containing "New", "Copy", "Close", "Unlock", "Print", and "Enter Query". The main area displays the following information:

- Source Code \*** OBTLR
- Source Description** external system for teller
- ☐ Base Data From FLEXCUBE
- ☐ System Authorization Required

The bottom status bar contains the following details:

- Maker: DANNY1
- Checker: DANNY1
- Date Time: 2020-03-26 07:42:07
- Mod No: 1
- Record Status: Open
- Authorization: Authorized
- Status: Status
- An "Exit" button is located on the right side of the status bar.

## 2.2.2 CODUPLDM – Upload Source Preferences Maintenance

The Upload Source Preference Maintenance is available for the CA, CI, CL, IC, ST, and IA modules.

**Figure 2: Upload Source Preferences Summary**

Upload Source Preferences Summary

Save Refresh Reset Clear All Details

Case Sensitive

Authorization Status

Source Code OBTR

Status

On Override

Record Status

Module Code

On Error

Purge Days

Records per page 15 1 Of 1 Go Lock Columns 0

	Authorization Status	Record Status	Source Code	Module Code	Status	On Error	On Override	Purge Days
<input type="checkbox"/>	Authorized	Open	OBTLR	CA	Authorized	Reject	Ignore	
<input type="checkbox"/>	Authorized	Open	OBTLR	CI	Authorized	Reject	Ignore	
<input type="checkbox"/>	Authorized	Open	OBTLR	IC	Authorized	Reject	Ignore	
<input type="checkbox"/>	Authorized	Open	OBTLR	CL	Authorized	Reject	Ignore	
<input type="checkbox"/>	Authorized	Open	OBTLR	ST	Authorized	Reject	Ignore	
<input type="checkbox"/>	Authorized	Open	OBTLR	IA	Authorized	Reject	Ignore	

Exit

**Figure 3: Upload Source Maintenance**

Upload Source Preferences Maintenance

New Copy Close Unlock Print Enter Query

Source Code \* OBTLR

Module Code \* CA

Error Handling

On Error \* Reject

On Override \* Ignore

On Repairable Exception Reject

On Queue Exception Reject

Post Upload

Status \* Authorized

Purge Days

Allow Deferred Processing

Allow EOD with Deferred

Deletion Allowed

Function Id Preferences

Maker DANNY1 Date Time: 2020-03-26 07:44:07 Mod No 1 Record Status Open

Checker DANNY1 Date Time: 2020-03-26 07:44:07 Authorization Authorized Status

Exit

### 2.2.3 GWDETSYS – External System Maintenance

Figure 4: External System Maintenance

The screenshot displays the 'External System Maintenance' window. It features a menu bar with 'New', 'Copy', 'Close', 'Unlock', 'Print', and 'Enter Query'. The main area is divided into several sections:

- External System:** Contains a red asterisk next to 'External System' with the value 'OBTLR' and a 'Description' field with the value 'EXTSYS'.
- Correlation Pattern:** Includes a 'Request' field with a dropdown menu showing 'Message ID'.
- Message Exchange Pattern:** Includes a dropdown menu.
- External System Queues:** A table with columns 'In Queue' and 'Response Queue'. It shows one entry: 'MDB\_QUEUE' with 'MDB\_QUEUE\_RESPOI'. There are checkboxes in the 'In Queue' column.

At the bottom, there is a status bar with the following information:

- FTP Parameters | Fields
- Maker: DANNY1, Date Time: 2020-03-26 07:34:33, Mod No: 1, Record Status: Open
- Checker: DANNY1, Date Time: 2020-03-26 07:34:34, Authorization: Authorized, Status: Status
- An 'Exit' button.

## 2.2.4 GWDETFUN – External System Functions

Figure 5: External System Functions

External System Functions

New Copy Close Print Enter Query

External System \* OBTLR

Function \* CAGSPMNT

Action \* NEW

Service Name FCUBSAccService

Operation Code StopPaymentsNew

Description EXTSYS

Bulk SMS Check

Fields

Maker DANNY1 Date Time: 2020-03-26 04:55:21 Mod No 1 Record Status Open

Checker DANNY1 Date Time: 2020-03-26 04:55:22 Authorization Authorized Status

Exit

The details of External System Functions for each screen are provided in table.

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/ CreateTDTTopUp	STGTDTOP	NEW
			FCUBSAccService/ QueryTDCustAcc	STQCUSTD	VIEW
TDT2	TD Top-Up Against Account	Transaction Screen	FCUBSAccService/ CreateTDTTopUp	STGTDTOP	NEW
			FCUBSAccService/ QueryTDCustAcc	STQCUSTD	VIEW



Function Code	Screen Name	Screen Type	Details of external call	FUNCTION ID	ACTION
1301	Close-out Withdrawal by Cash	Transaction Screen	FCUBSAccService/CloseCustAcc	STGCUSAC	CLOSE
			FCUBSAccService/QueryCustAccBalance	ACQABLQY	VIEW
1320	Close-out Withdrawal by Account	Transaction Screen	FCUBSAccService/CloseCustAcc	STGCUSAC	CLOSE
			FCUBSAccService/QueryCustAccBalance	ACQABLQY	VIEW
ACBL	Account Balance Inquiry	Inquiry Screen	FCUBSAccService/QueryCustAccBalance	ACQABLQY	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

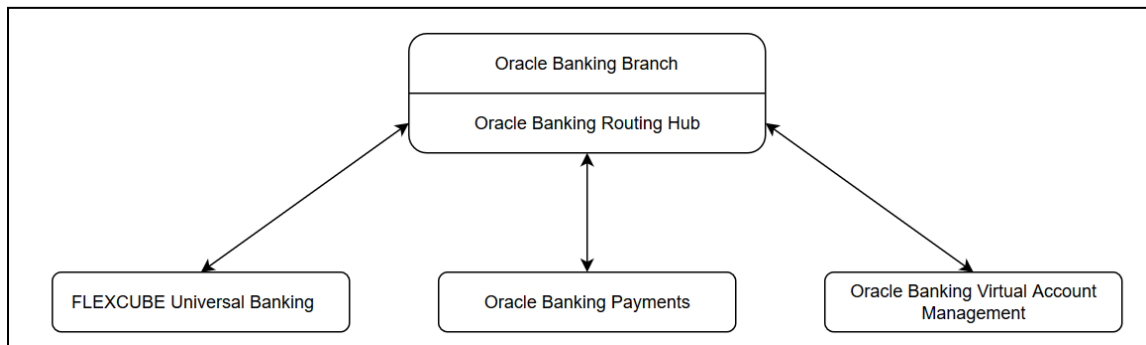
Function Code	Screen Name	Screen Type	Details of external call	FUNCTION ID	ACTION
3401	Safe Deposit Rental By Cash	Transaction Screen	RTService/QuerySD Rental FCUBSDLService/CreatePayment	DLGPAMNT	NEW
5402	Murabaha Payment by Cash	Transaction Screen	FCUBSCIService/QueryAccount	CIQACCNT	VIEW
			FCUBSCIService/CreatePayment	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/SummaryQueryCard Master	STVCRDMS	VIEW
			FCUBSSTService/ModifyCardMaster	STGCRDMS	UNLOCK

## 2.3 Maintenance for Oracle Banking Branch

### 2.3.1 Using 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 6: Oracle Banking Routing Hub**



#### 2.3.1.1 Configurations in Oracle Banking Branch

This section describes the specific configurations needed for Oracle Banking Branch to integrate with Oracle FLEXCUBE using Oracle Banking Routing Hub.

Update the following values:

BRANCHCOMMON.SRV\_TM\_BC\_FUNCTION\_INDICATOR set IS\_ROUTING\_ENABLED = Y for the function codes that are routed via Oracle Banking Routing Hub.

Check if BRANCHCOMMON.SRV\_TM\_BC\_FUNCTION\_INDICATOR\_ROUTE\_DTLS has an entry for the screen's function code.

#### 2.3.1.2 Configurations in Oracle Banking Routing Hub

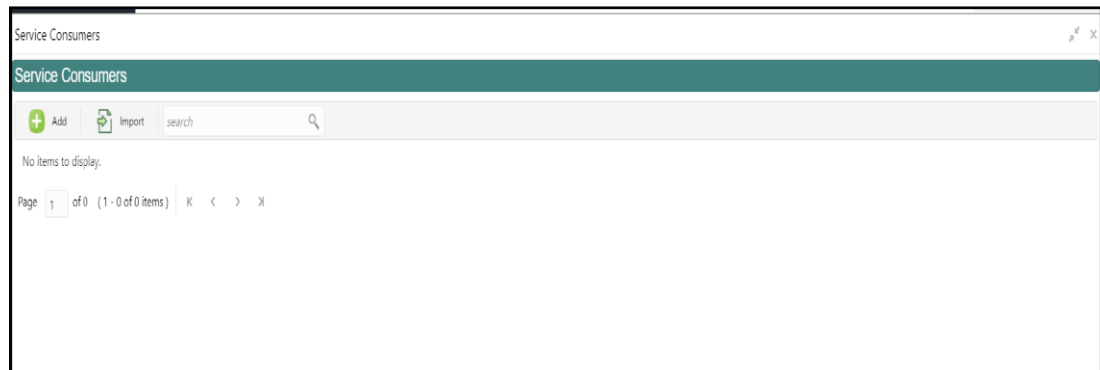
You can maintain routing configuration of Oracle Banking Routing Hub in common core for OBORN teller transitions to create, update, query or delete host system. A host system can be UBS, OBPM etc.

To process this screen, type **Service Consumer** in the **Menu Item Search** located at the left corner of the application toolbar and select the appropriate screen (or) do the following steps:

1. From **Home screen**, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**, and select **Service Consumers**.

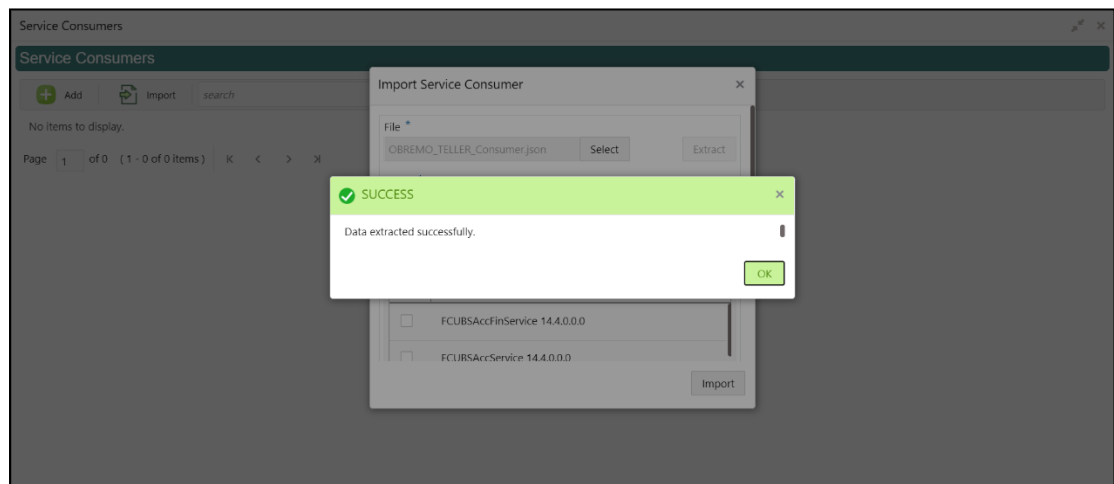
→ The **Service Consumers** screen is displayed.

**Figure 7: Service Consumers**



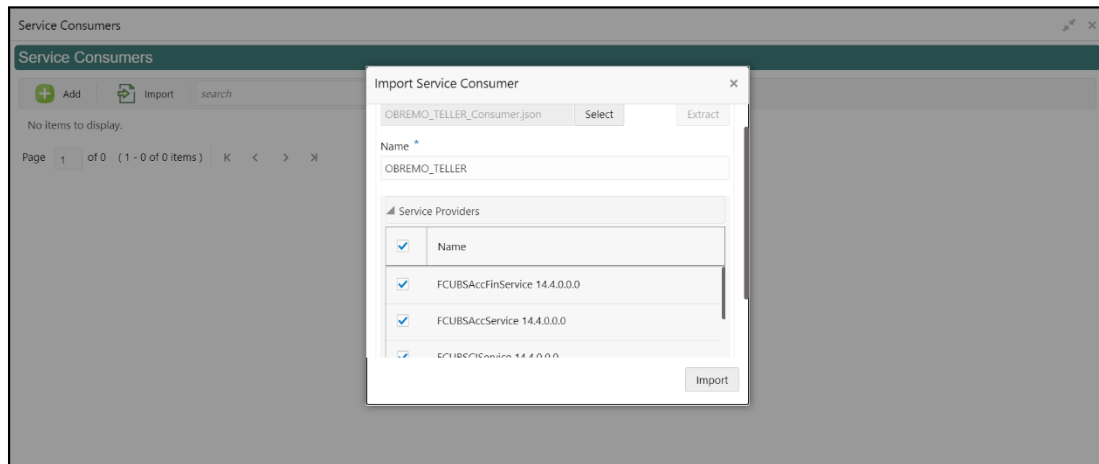
2. Click **Import**.
3. Upload the **OBREMO\_TELLER\_Consumer.json** file provided in the release (Folder path: \OBARN\_ROUTING\_CONFIGURATION), and click **Extract**.

**Figure 8: Extract JSON File**



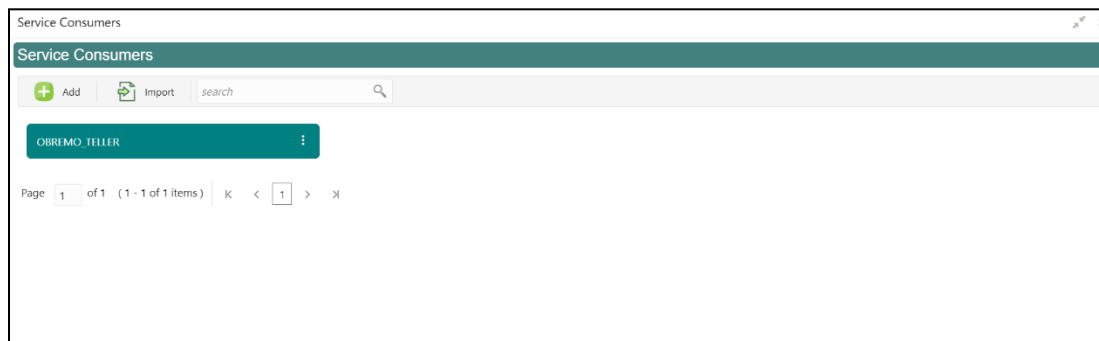
4. Select all the extracted service providers and import.

**Figure 9: Service Provider Selection**



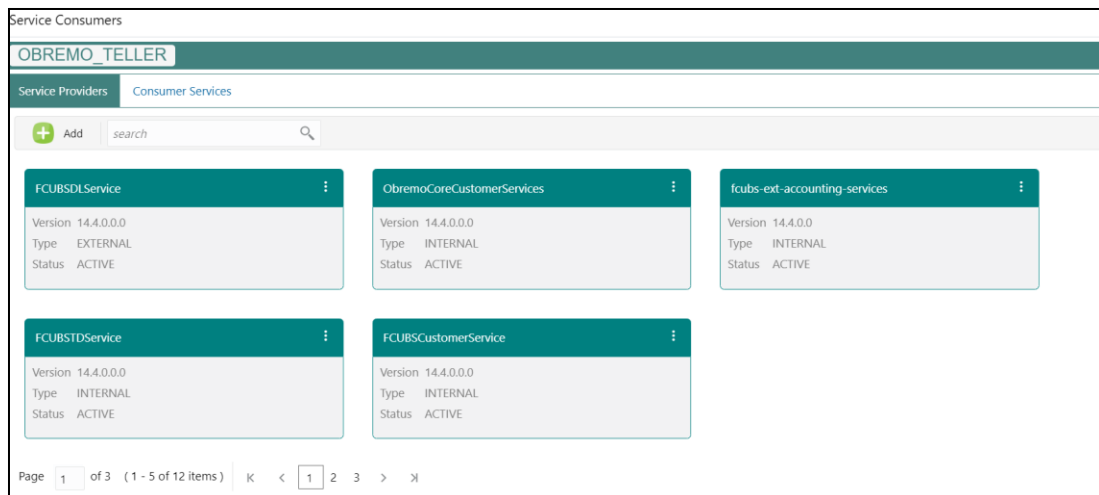
**NOTE:** A sample screen after Import operation is shown in [Figure 10](#).

**Figure 10: Imported Service Consumers**



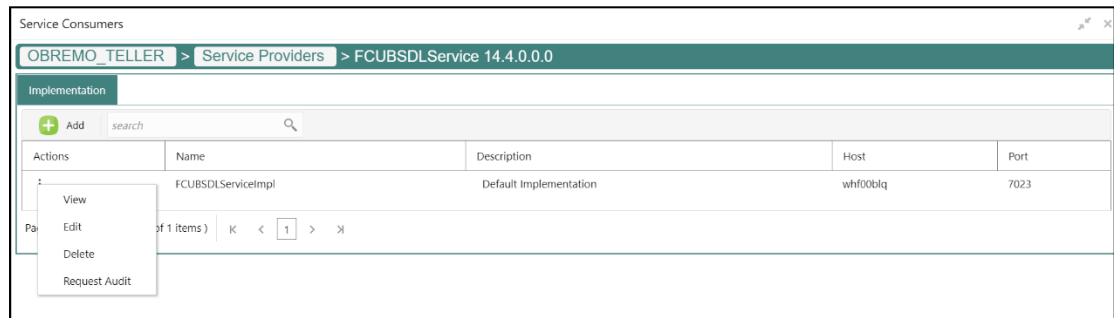
5. Click **OBREMO\_TELLER**.

**Figure 11: OBREMO\_TELLER**



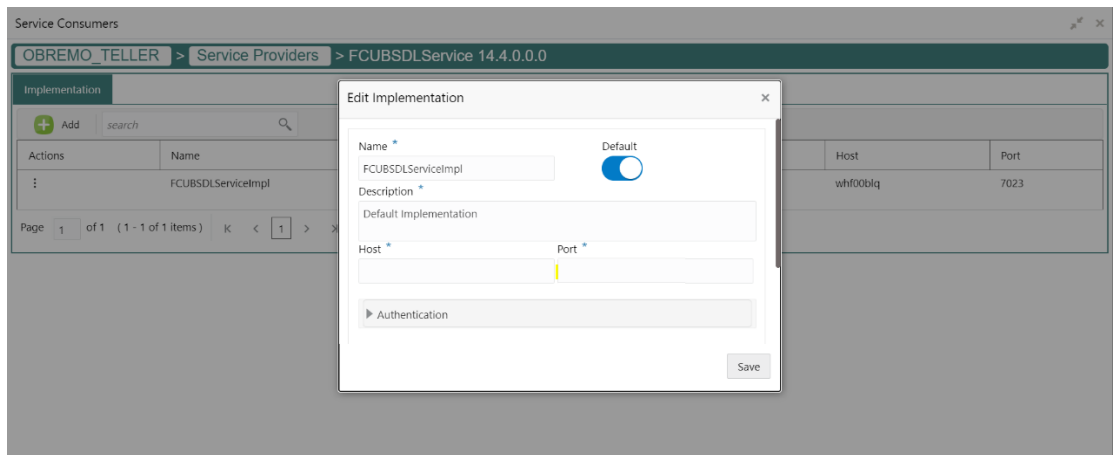
6. Click on the individual service provider, and select **Edit**.

**Figure 12: Edit Service Provider**



7. Specify the **Host** and **Port** as per the host system (UBS/OBPM) installation, and click **Save**.

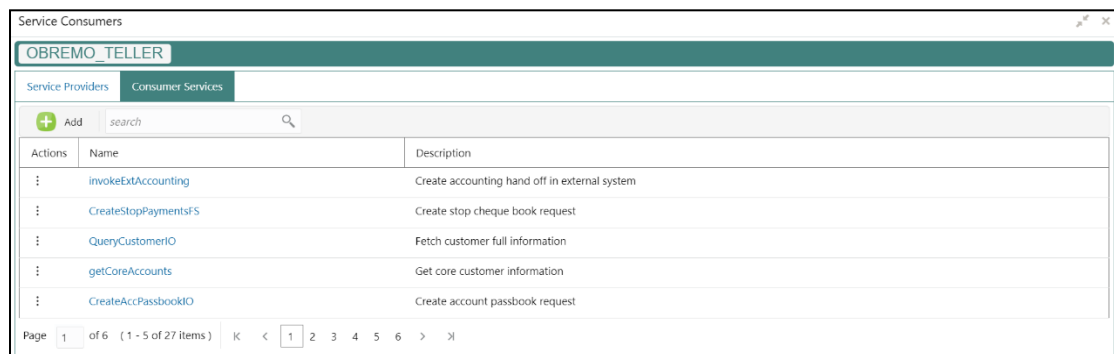
**Figure 13: Edit Implementation**



8. Perform the steps 1 thru 7 again for all the listed service providers.

**NOTE:** The list of consumer services shown in the [Figure 14](#) thru [Figure 19](#) will be imported.

**Figure 14: List of Service Providers - 1**



**Figure 15: List of Service Providers - 2**

Service Consumers		
OBREMO_TELLER		
Service Providers Consumer Services		
+ Add search		
Actions	Name	Description
:	QueryAcctBalIO	Query account balance
:	QueryAccClasMaintIO	Validate TD account
:	ModifyCustAccIO	Account address update
:	CreatePaymentFS	Create mudarabha loan account payment
:	RequestAccStmntIO	Create account statement request
Page 2 of 6 ( 6 - 10 of 27 items ) K < 1 2 3 4 5 6 > X		

**Figure 16: List of Service Providers - 3**

Service Consumers		
OBREMO_TELLER		
Service Providers Consumer Services		
+ Add search		
Actions	Name	Description
:	AccountSignatureInfo	Fetch account signature details
:	CloseCustAccFS	Create close customer account request by transferring it to another account
:	ModifyCustomerFS	Update customer address details
:	CreateCheckBookFS	Create Cheque Book Request
:	CoreCustomerAccountInfo	Fetch core customer account information
Page 3 of 6 ( 11 - 15 of 27 items ) K < 1 2 3 4 5 6 > X		

**Figure 17: List of Service Providers - 4**

Service Consumers		
OBREMO_TELLER		
Service Providers Consumer Services		
+ Add search		
Actions	Name	Description
:	UpdateAccPassbookIO	Update account passbook details
:	QueryClaccntIO	Fetch Mudarabaha /Islamic loan account
:	CreateDisbursementFS	Create Loan Disbursement
:	QueryAccountIO	Fetch Loan Account details
:	CreateTDCustAccFS	TD Account Opening
Page 4 of 6 ( 16 - 20 of 27 items ) K < 1 2 3 4 5 6 > X		

**Figure 18: List of Service Providers - 5**

Actions	Name	Description
:	QueryCheckDetailsIO	Cheque Status Inquiry
:	CreateTDTopUpFS	Create TD top up in host system
:	CustomerContactUpdate	Update customer contact details
:	CreatePaymentIO	Loan repayment
:	QueryTDCustAccIO	Fetch TD account information

**Figure 19: List of Service Providers - 6**

Actions	Name	Description
:	CreatedownpaymentIO	Create Islamic Down payment
:	CreateTDRedemFS	Create TD redemption

## 2.3.2 Direct Access

This section describes the specific configurations needed for Oracle Banking Branch to integrate with Oracle FLEXCUBE.

**NOTE:** The Direct Access feature will be discontinued in the future.

### 2.3.2.1 Server IP and Port Details

In the SRV\_TM\_AD\_EXT\_SYS\_DEST\_DTLS table, you need to update the server IP and port in column HOST\_SERVER for Oracle FLEXCUBE services.

### 2.3.2.2 Oracle FLEXCUBE Services

The following API services will be called from Oracle Banking Branch during transaction processing and handoff to Oracle FLEXCUBE.

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



DESTINATION	URL VALUE
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	
MODIFY_CARD_MASTER_URL	FCUBSSTService/FCUBSSTService
SIGN_URL	GWHTTP/GWHttpServlet
SUMMARY_CARD_MASTER_URL	FCUBSSTService/FCUBSSTService
TERMDEPOSIT_URL	GWHTTP/GWHttpServlet

## 2.4 Maintenance for Customer and Account replication

### 2.4.1 FLEXCUBE Universal Banking to Platocore Replication Service

FLEXCUBE Universal Banking as a 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. The following operations are provided for Customer and Account:

- Create
- Modify
- Open
- Re-open

### 2.4.1.1 **SERVICE-CONSUMER Platocore**

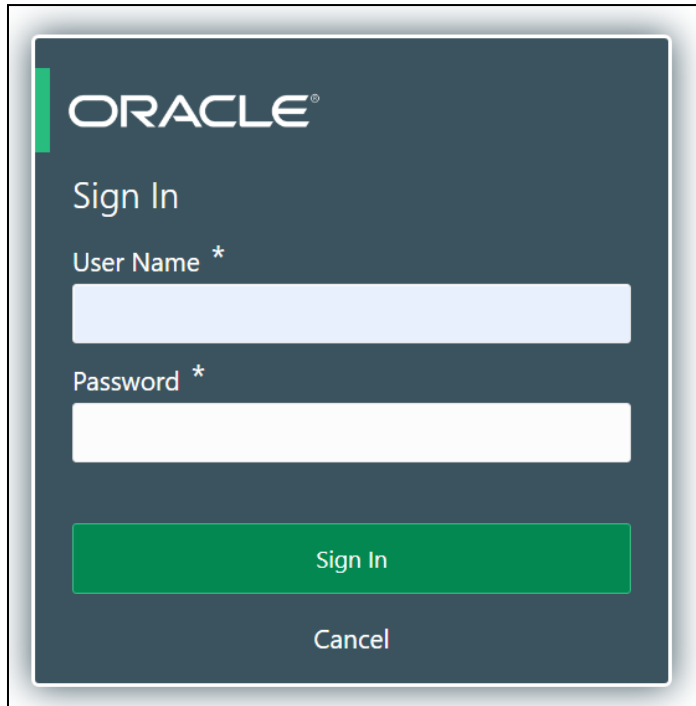
The SERVICE-CONSUMER for Customer and Account are described in this sub-section.

#### **Login Screen:**

Perform the following steps:

1. Open the URL of the application.

**Figure 20: Login Screen**

The image shows a login screen for Oracle. It has a dark blue background with the Oracle logo at the top left. Below the logo, the text "Sign In" is displayed. There are two input fields: "User Name \*" and "Password \*". Below these fields is a green "Sign In" button and a "Cancel" link.

2. Specify the **User Name** and **Password**, and log in to the application.

**NOTE:** The Service Producers and Consumers are added for Both Customer and Account.

### 2.4.1.2 **Service Consumer**

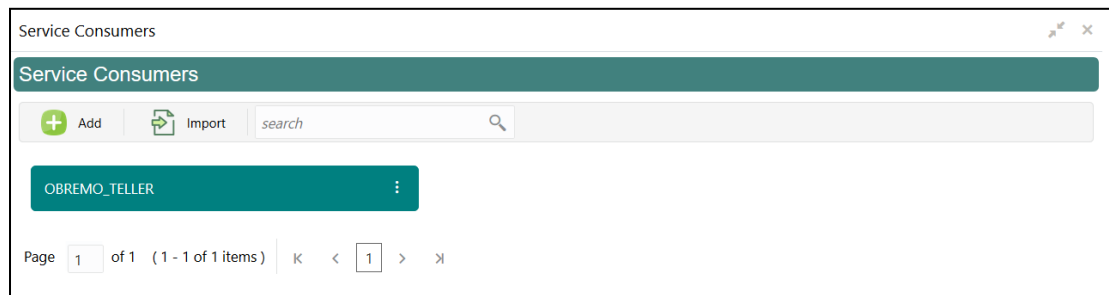
Service Consumer is an Oracle product which will invoke Oracle Banking Routing Hub API. Oracle Banking Routing Hub will analyze, evaluate destination product processor, and transform data into format of the same. It comprises of the source and destination integration details.

To process this screen, type **Service Consumer** in the **Menu Item Search** located at the left corner of the application toolbar and select the appropriate screen (or) do the following steps:

1. From **Home screen**, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**, and select **Service Consumers**.

→ The **Service Consumers** screen is displayed.

**Figure 21: Service Consumers**

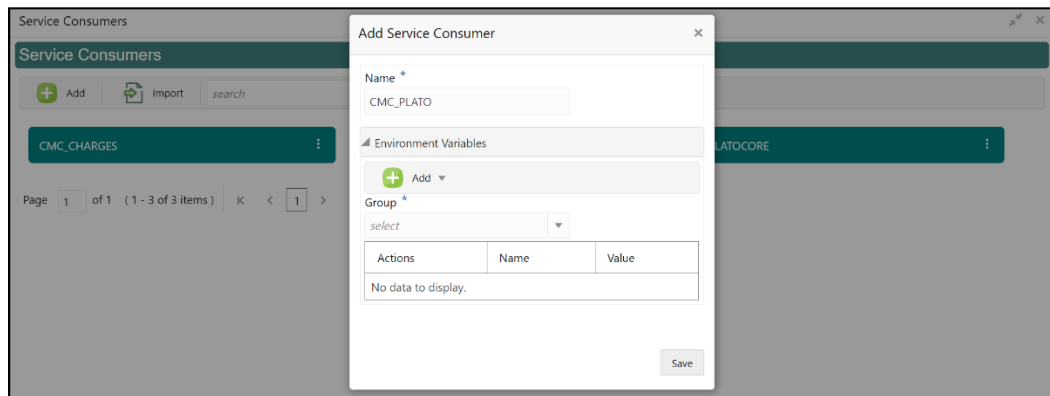


#### 2.4.1.2.1 Add Service Consumers

User can add a service producers and consumers for Customer and Account. To add a service consumer, perform the following steps:

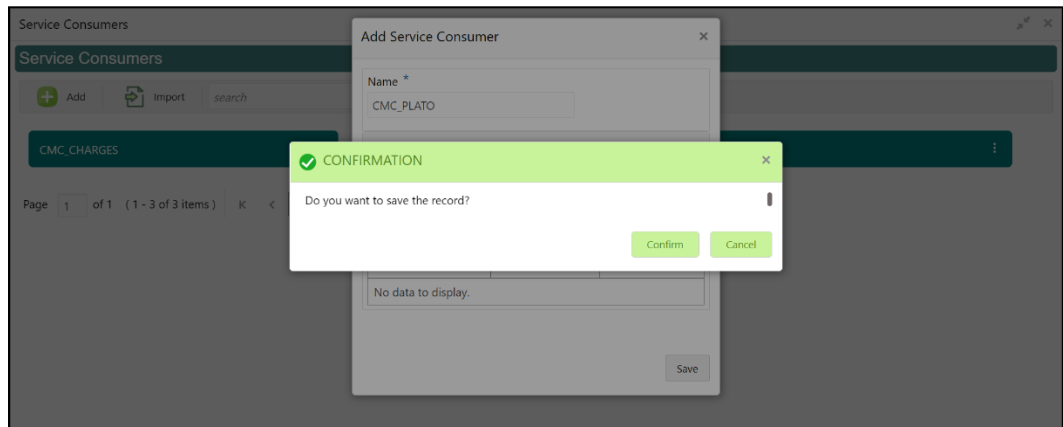
1. In the **Service Consumers** screen, click **Add** to create a new Oracle Banking Routing Hub template.

**Figure 22: Add Service Consumer**



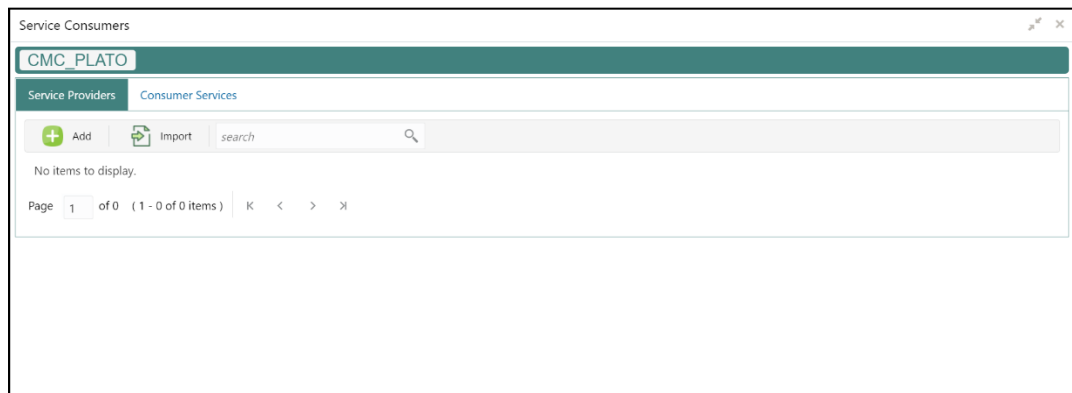
- Specify the necessary details, and click **Save** to create template.

**Figure 23: Add Service Consumer – Save**



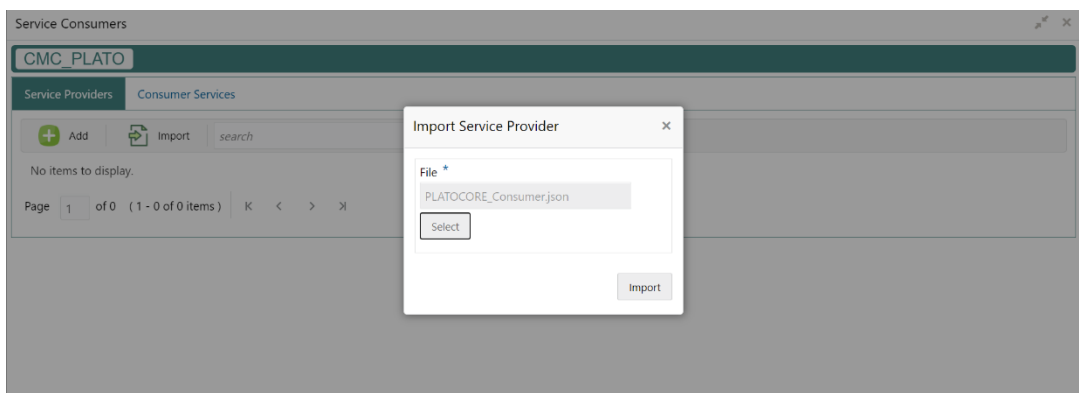
- Click **CMC\_PLATO**, and select **Import** to import the necessary file.

**Figure 24: Import Service Provider**



- Click **Import**, and select the json file.

**Figure 25: JSON File Selection**



- Click **Import** button.

## 2.4.2 IFDEXSER – PLATOCORE System Maintenance

Open IFDEXSER screen, and maintain the data for system PLATOCORE. Based on the data created in FLEXCUBE Universal Banking, the quartz scheduler will invoke the Oracle Banking Routing Hub service by using the below details:

**Figure 26: PLATOCORE System Maintenance**

New
Unlock
Enter Query

External System \* PLATOCORE

External User \* SID

Description

1 Of 1
Go

<input checked="" type="checkbox"/>	Type	Service Name	WS Endpoint URL	Rest Service Context	Rest Service IP	Rest
<input checked="" type="checkbox"/>	REST request	FCUBSCoreentitiesService		cmc-obrh-services	10.40.160.139	route/dis

Maker FAISALAUTH  
Checker FAISALAUTH

Date Time: 2022-01-03 04:21:02  
Date Time: 2022-01-03 04:21:02

Mod No 7

Record Status Open  
Authorization Authorized Status

Ok
Exit

---

## 3. Oracle Banking Payments Integration

### 3.1 Introduction

You can integrate Oracle Banking Payments product with Oracle Banking Branch. This chapter briefs you about the specific steps needed for integration of these two products and specific maintenances.

### 3.2 Maintenance for Oracle Banking Branch

#### 3.2.1 Using Oracle Banking Routing Hub

For information on maintenances using Oracle Banking Routing Hub, refer to section [2.3.1 Using Oracle Banking Routing Hub](#) in this guide.

#### 3.2.2 Direct Access

This section describes the specific configurations needed for Oracle Banking Branch to integrate with Oracle Banking Payments.

**NOTE:** The Direct Access feature will be discontinued in the future.

##### 3.2.2.1 Server IP and Port Details

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.

##### 3.2.2.2 Oracle Banking Payments Services

Following API service will be called from Oracle Banking Branch during transaction processing and handoff to Oracle Banking Payments.

###### 3.2.2.2.1 Clearing Network

This service is used to fetch Clearing Network Code from Oracle Banking Payments for Outward Clearing transaction. Bridge GL is not applicable. The URL is as follows:

OBPAY\_CLG\_NETWORK\_URL [PMReST/obpmrest/payments/ClearingNetworkQuery]

###### 3.2.2.2.2 Clearing Routing Number

This service is used to fetch the Routing number from Oracle Banking Payments for Outward Clearing transaction. Bridge GL is not applicable. The URL is as follows:

OBPAY\_CLG\_ROUTINGNUM\_URL [PMReST/obpmrest/payments/ClearingRoutingNoQuery]

###### 3.2.2.2.3 Inward Clearing

This service is used to handoff Inward Clearing transaction request to Oracle Banking Payments. The URL is as follows:

OBPAY\_INWRDCLG\_URL [PMReST/obpmrest/payments/inclg]

**3.2.2.2.4 Inward Clearing Return**

This service is used to handoff return of Inward Clearing transaction request to Oracle Banking Payments. The URL is as follows:

OBPAY\_INWRDCLG\_RETURN\_URL [PMReST/obpmrest/payments/inclgreturn]

**3.2.2.2.5 Duplication**

This service is used to issue the duplicate instruments from Oracle Banking Payments. The URL is as follows:

OBPAY\_DUPLICATION\_URL [PMReST/obpmrest/payments/instrumentduplicate]

**3.2.2.2.6 Instrument Enquiry**

This service is used to enquire the instrument transactions from Oracle Banking Payments. The URL is as follows:

OBPAY\_INSTENQUIRY\_URL [PMReST/obpmrest/payments/instrumentinquiry]

**3.2.2.2.7 Instrument Issue**

This service is used to handoff Instrument Issue request to Oracle Banking Payments. The URL is as follows:

OBPAY\_INSTISSUE\_URL [PMReST/obpmrest/payments/instrumentissue]

**3.2.2.2.8 Instrument Pay**

This service is used to handoff Instrument Payment request to Oracle Banking Payments. The URL is as follows:

OBPAY\_INSTPAY\_URL [PMReST/obpmrest/payments/instrumentpay]

**3.2.2.2.9 Revalidation**

This service is used to handoff Instrument Revalidate request to Oracle Banking Payments. The URL is as follows:

OBPAY\_REVALIDATION\_URL [PMReST/obpmrest/payments/instrumentrevalidation]

**3.2.2.2.10 Outward Clearing**

This service is used to handoff Outward Clearing transaction request to Oracle Banking Payments. The URL is as follows:

OBPAY\_OUTCLG\_URL [PMReST/obpmrest/payments/outclg]

**3.2.2.2.11 Outward Clearing Return**

This service is used to handoff Return of Outward Clearing transaction request to Oracle Banking Payments. The URL is as follows:

OBPAY\_OUTCLG\_RETURN\_URL [PMReST/obpmrest/payments/outclgreturn]

**3.2.2.2.12 Single Payout**

This service is used to handoff Payment transaction request to Oracle Banking Payments. This single service will be used for Book Transfers, In-House Cheque Deposit, Domestic Transfers, and International Transfers. The URL is as follows:

OBPAY\_SINGLE\_PAYOUT\_URL [PMReST/obpmrest/payments/singlepayout]

### 3.2.2.2.13 Additional Details

The additional details are as follows:

- **Host Code** tag is optional and will be sent as Null from Oracle Banking Branch for all services.
- **Source Code** tag will be populated as OBTLR from Oracle Banking Branch for all services.
- **Network Code** tag for Single Payout service has to be populated as below:
  - **BOOK** for Account Transfer
  - **BOOK** for In-House Cheque Deposit
  - **SWIFT** for International Transfers
- The details of instrument issue service are as follows:
  - For DD, **instrumentCode** tag is passed as **DEMANDFT** and **instrumentType** tag is passed as **DD**
  - For BC, **instrumentCode** tag is passed as **MNGRCHK** and **instrumentType** tag is passed as **MC**
- The details of instrument pay service are as follows:
  - For DD, **instrumentCode** tag is passed as **DEMANDFT**
  - For BC, **instrumentCode** tag is passed as **MNGRCHK**



### 3.3 Maintenance for Oracle Banking Payments

This section describes the specific maintenances needed for Oracle Banking Branch to integrate the same with Oracle Banking Payments. Perform the maintenance as follows:

1. Update the **Source Maintenance Detailed** screen as shown in [Figure 27](#).

**Figure 27: Source Maintenance Detailed (PMDSORCE)**

2. The **Source Network Maintenance** is required to maintain for every network code and source code combination. For example, refer to [Figure 28](#).

**Figure 28: Source Network Maintenance (PMDSORNW)**

Once the Oracle Banking Branch handing off the transactions to Oracle Banking Payments, and after processing the transactions, the Oracle Banking Payments will push back the notification to Oracle Banking Branch based on the below configurations:

1. For call back configuration on Oracle Banking Payments, perform the maintenance in **External Notification Queue Detailed** screen as shown in [Figure 29](#).

**Figure 29: External Notification Queue Detailed (PMDEXTNT)**

3. Update the **Queue Connection Profile Maintenance Detailed** screen as shown in [Figure 30](#).

**Figure 30: Queue Connection Profile Maintenance Detailed (PMDQPROF)**

**NOTE:** The **Profile ID** mentioned in [Figure 30](#) needs to be maintained as the OBREMO **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 OBREMO.

## 4. Oracle Banking Virtual Account Management Integration

### 4.1 Introduction

You can integrate Oracle Banking Virtual Account Management product with Oracle Banking Branch. This chapter briefs you about the specific steps needed for integration of these two products and specific maintenances.

### 4.2 Configurations for Oracle Banking Branch

This section describes the specific configurations needed for Oracle Banking Branch to integrate with Oracle Banking Virtual Account Management.

To configure for Virtual Account support, update the following value:

BRANCHCOMMON.SRV\_TM\_BC\_PARAM\_DTLS set PARAM\_VALUE = Y where  
PARAM\_NAME='VAM\_INTEGRATED'

To configure for Virtual Identifier support, update the following value:

BRANCHCOMMON.SRV\_TM\_BC\_PARAM\_DTLS set PARAM\_VALUE = Y where  
PARAM\_NAME='VAM\_IDENTIFIER'

#### 4.2.1 Server IP and Port Details

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 the following Oracle Banking Virtual Account Management services:

- VAM\_ACC\_URL for Virtual Account
- VAM\_EAC\_CHECK for Virtual Identifier

**NOTE:** Virtual Identifier does not required BRIDGE\_GL.

#### 4.2.2 Oracle Banking Payments Services

Following API service will be called from Oracle Banking Branch during transaction processing and handoff to Oracle Banking Virtual Account Management.

DESTINATION	URL VALUE
VAM_ACC_URL	/obvam-transaction-journal-services/service/txns
VAM_EAC_CHECK	/obvam-transaction-journal-services/service/eac

## 4.3 Maintenance for OBVAM

This section describes the specific maintenances needed for Oracle Banking Virtual Account Management to integrate the same with Oracle Banking Branch. Perform the following steps:

1. Maintain entry in CMC\_TM\_EXT\_SYSTEM table in common core with valid WSDL URL for FCUBSCoreentitiesService web service exposed by Oracle Banking Virtual Account Management.
2. Create a user for Oracle Banking Branch and assign role for user to perform journal transactions in Oracle Banking Virtual Account Management. Share the user to Oracle Banking Branch.

**Navigation Route:** Security Management > User > Create User

**Figure 31: Create User**

The 'Create User' form contains the following fields and values:

- UserDetails:**
  - Username: OBPMUSER
  - Login ID: OBPMUSER
  - Home Branch: 000
- Status:**
  - User Status: Enable
  - Status Changed On: Apr 1, 2018
  - Is Supervisor: ☒
  - Manager ID: ADMINUSER2
  - Start Date: Apr 1, 2018
  - End Date: (empty)
- Other Details:**
  - Access to PII: ☒
  - Email ID: obpmuser@oracle.com
  - Telephone Number: 9834334433
  - Home Phone Number: (empty)

3. Maintain the Upload source code for external system Oracle Banking Branch.

**Navigation Route:** Core Maintenance > Upload Source > Create Upload Source

**Figure 32: Create Upload Source**

The 'Create Upload Source' form contains the following fields and values:

- Source Code: OBPM
- Source Description: Oracle Banking Payments
- Base Data From Flexcube: ☐
- System Authorization Required: ☒

Buttons: Save, Cancel