

**FLEXCUBE Universal Banking -  
Party Services Integration Guide**

**Oracle Banking Origination Cloud Service**

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## **FLEXCUBE Universal Banking - Party Services Integration Guide**

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## 1 About this manual

### 1.1 Purpose

This manual is to help with Integration of Party Services with FLEXCUBE Universal Banking.

### 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

Topics	Function
Integration Guide	This chapter helps you to integrate Party Services with FLEXCUBE Universal Banking.

### 1.4 Related Documents

For information on screens mentioned in this guide, refer to the following documents in the FLEXCUBE Universal Banking Documentation Library:

- Common Core - Gateway User Guide
- Core Services User Guide
- Core Entities User Guide

## 2 Integration Guide

### 2.1 Introduction

You can integrate Party Services with FLEXCUBE Universal Banking acting as the backend Product Processor. This document briefs you about the specific steps needed for integration and required specific maintenances.

### 2.2 Pre-requisite

The Party Service passes the user login id to FLEXCUBE Universal Banking for Gateway requests. Hence, the same user-id should be existing in FLEXCUBE Universal Banking with the required role access to perform the desired operation.

SOAP and Gateway Services should be up and running in FLEXCUBE Universal Banking for the integration to work.

### 2.3 Maintenance for FLEXCUBE Universal Banking

Gateway setup should be done in FLEXCUBE Universal Banking for particular source system (Party) by doing maintenance in the below mentioned screens.

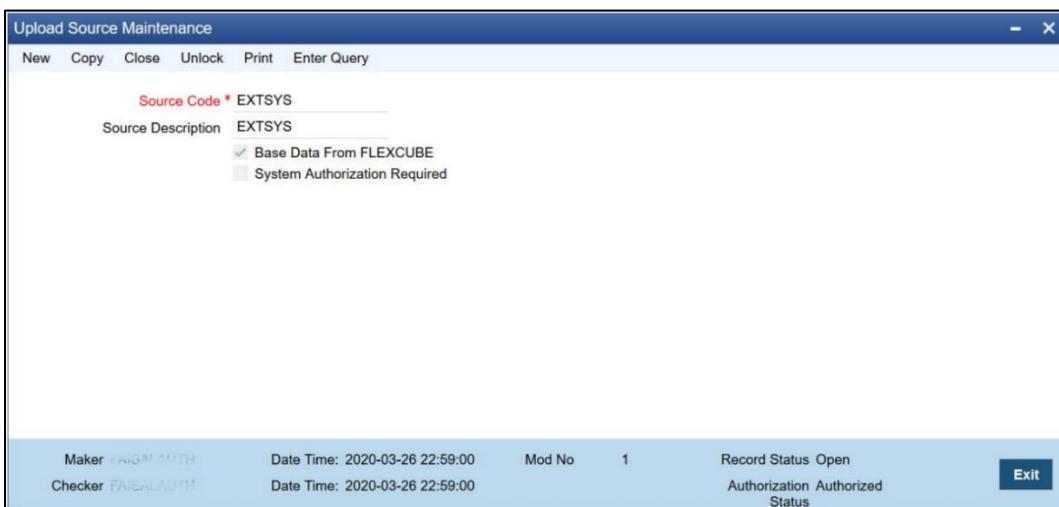
#### CODSORCE – Upload Source Maintenance

Maintain a value like EXTSYS for Party services to identify it as an external source system.

EXTSYS is an example source system name used throughout this document.

The source code name can be maintained against the key externalSource for the application obpy-party-handoff-services.

**Figure 1: Upload Source Maintenance**



## CODUPLDM – Upload Source Preferences Maintenance

For the defined source system (EXTSYS) and module ST, maintain a source preference record with recommended key values like below:

- a. Post upload status - Authorized
- b. On Override - Ignore
- c. On Error - Reject
- d. On Repairable Exception - Reject
- e. On Queue Exception – Reject

**Figure 2: Upload Source Preferences Maintenance**

Upload Source Preferences Maintenance

New Copy Reopen Print Enter Query

Source Code \* EXTSYS

Module Code \* ST

Error Handling

On Error \* Reject

On Override \* Ignore

Post Upload

Status \* Authorized

Purge Days

Allow Deferred Processing

Allow EOD with Deferred

Deletion Allowed

Function Id Preferences

Maker RAJA_MAK	Date Time: 2020-03-26 18:21:41	Mod No 2	Record Status Closed
Checker RAJA_MAK	Date Time: 2020-03-26 18:21:41		Authorization Authorized Status

Exit

## GWDETSYS – External System Maintenance

Maintain details for external system EXTSYS in this screen.

**Figure 3: External System Maintenance**

External System Maintenance

External System

External System \* EXTSYS

Description EXTSYS

Correlation Pattern

Request Message ID

Message Exchange Pattern

Request Message Full Screen

External System Queues

In Queue	Response Queue
MDB_QUEUE	MDB_QUEUE_RESPON

FTP Parameters | Fields

Maker FAISAL AUT11 Date Time: 2020-03-26 03:10:49 Mod No 3 Record Status Open

Checker FAISAL AUT11 Date Time: 2020-03-26 03:10:49 Authorization Authorized Status

Exit

## GWDETFUN – External System Functions

Maintain the below function access rights for the external system as given below.

Function ID	Action
STGCIF	NEW
STGCIF	UNLOCK
STGCIF	AUTHORIZE
STQCIF	VIEW
STVCIF	VIEW
STGKYCMN	NEW
STGKYCMN	UNLOCK
STGKYCMN	DELETE
STGKYCMN	AUTHORIZE
ACQABLQY	VIEW

Function ID	Action
STGCRCAD	NEW
STGCRCAD	UNLOCK
STGCRCAD	AUTHORIZE
STQCRCAD	VIEW

**Figure 4: External System Functions**

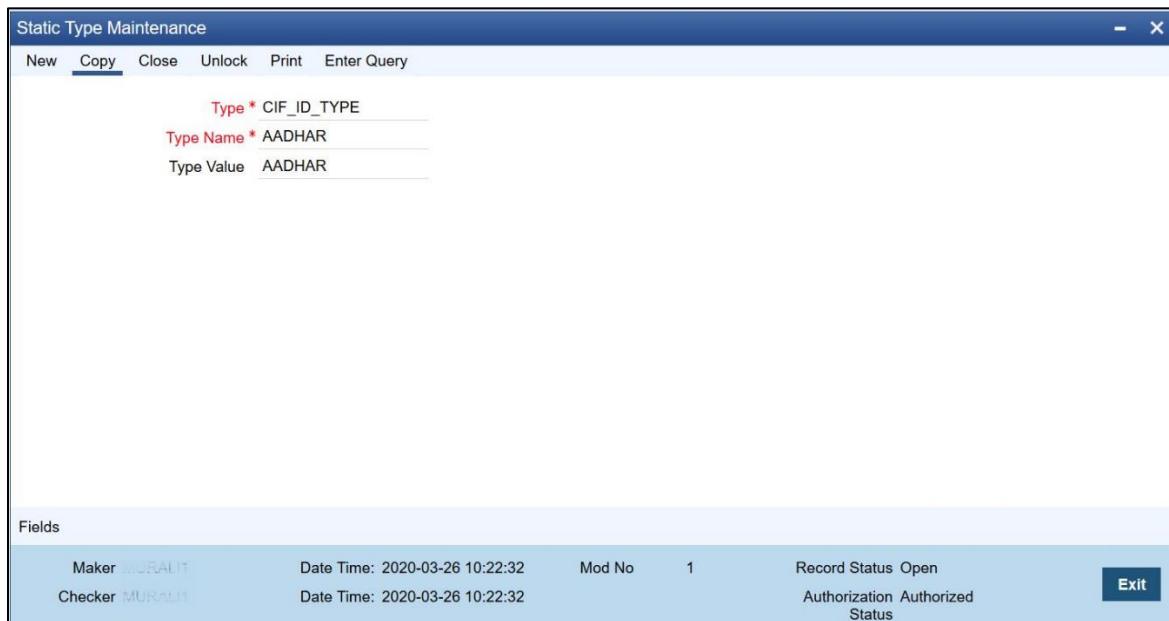
### CODTYPES – Static Type Maintenance

The following static maintenance are required for type CIF\_ID\_TYPE.

Type Name	Type Value
AADHAR	AADHAR
DRIVING LICENSE	DDL
PASSPORT	PPT
VOTERID	VOTERID

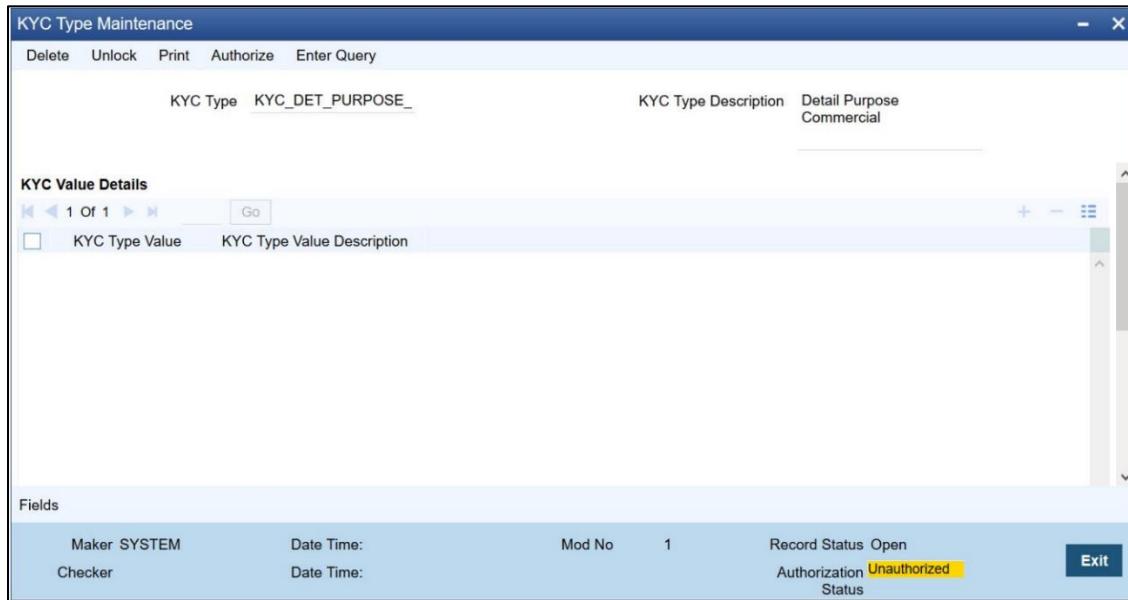
Same type values to be maintained as the sub\_entity\_code in Party Entity Maintenance for the entitycode ITY.

**Note:** Refer to **Oracle Banking Party Configuration User Guide** for more details on Entity Maintenance.

**Figure 5: Static Type Maintenance****STDKYCTP – KYC Type Maintenance**

Maintain *KYC\_PURPOSE* with a value like “Commercial”. The same value is to be maintained in the Party properties table (*obpy\_properties*) key *KYC\_TYPE\_PURPOSE*.

Similarly, maintain value for *KYC\_PURPOSE\_CRP* with values like CORPORATE, SMB, and SME to indicate the reason for customer onboarding.

**Figure 6: KYC Type Maintenance**

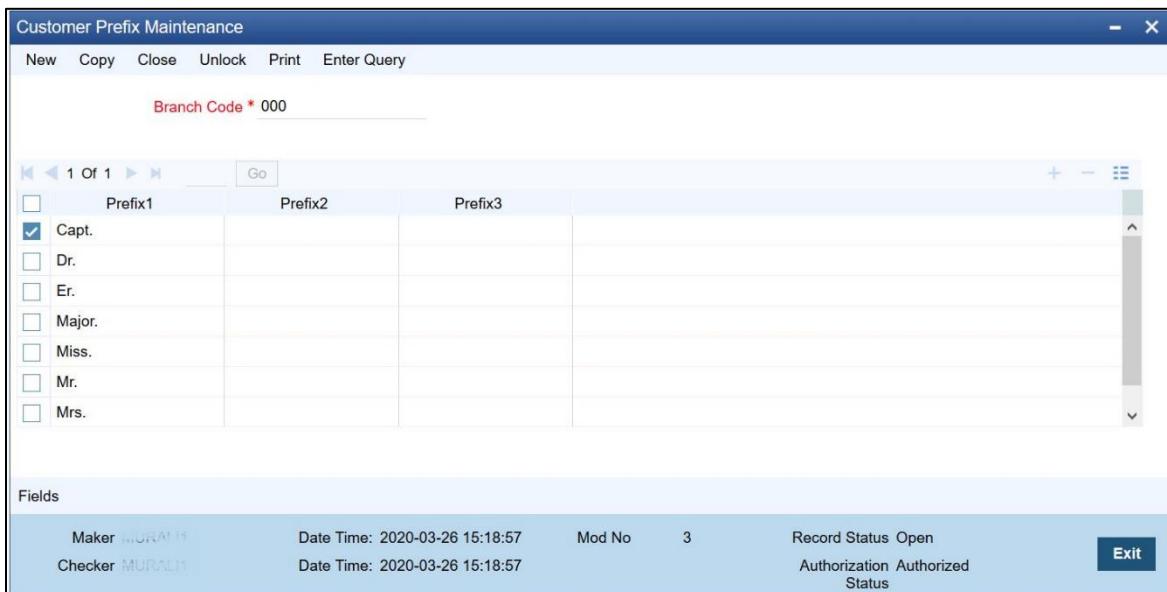
**STDCUPRT - Customer Title (Salutations)**

Maintain the below customer Prefix1:

- Capt.
- Dr.
- Er.
- Major.
- Miss.
- Mr.
- Mrs.
- Ms.

Same values as sub\_entity\_code to be maintained in Party Entity Maintenance for the entitycode SAL.

**Figure 7: Customer Prefix Maintenance**



The screenshot shows the 'Customer Prefix Maintenance' window. At the top, there is a menu bar with 'New', 'Copy', 'Close', 'Unlock', 'Print', and 'Enter Query'. Below the menu, a 'Branch Code \* 000' field is displayed. The main area is a grid with three columns: 'Prefix1', 'Prefix2', and 'Prefix3'. The 'Prefix1' column contains the following data:

	Prefix1	Prefix2	Prefix3
<input checked="" type="checkbox"/>	Capt.		
<input type="checkbox"/>	Dr.		
<input type="checkbox"/>	Er.		
<input type="checkbox"/>	Major.		
<input type="checkbox"/>	Miss.		
<input type="checkbox"/>	Mr.		
<input type="checkbox"/>	Mrs.		

At the bottom of the window, there is a 'Fields' section with the following details:

Maker MURALI1	Date Time: 2020-03-26 15:18:57	Mod No	3	Record Status Open
Checker MURALI1	Date Time: 2020-03-26 15:18:57	Authorization	Authorized	Status

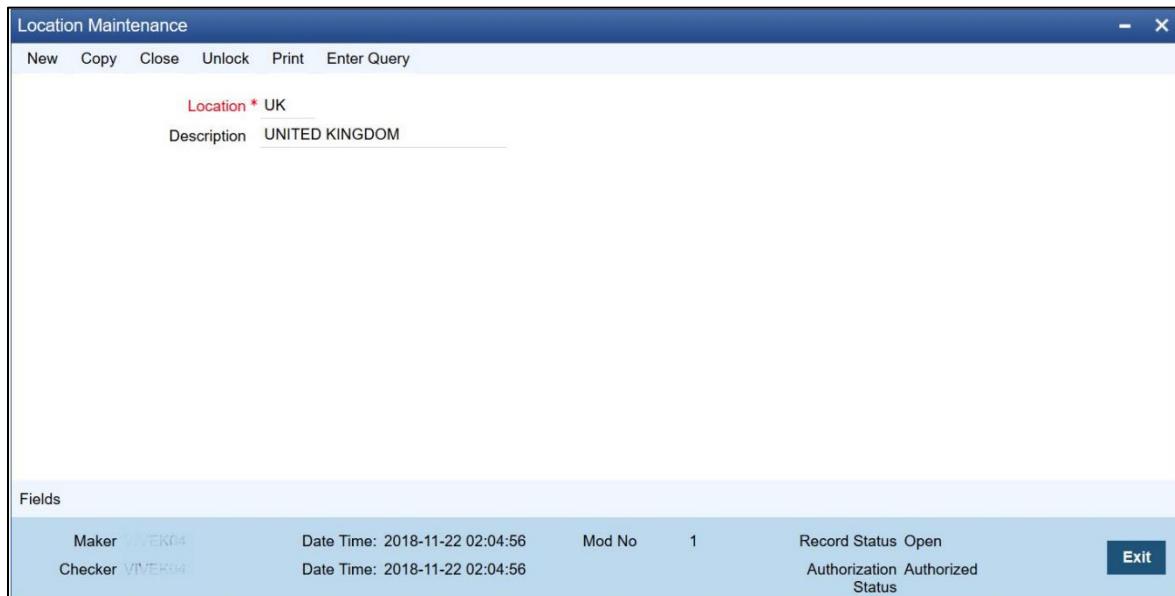
On the right side of the 'Fields' section, there is a 'Exit' button.

**STDCULOE - Location Maintenance**

Maintain required location codes. The same needs to be maintained in Location Maintenance screen available in Party.

**Note:** Refer to **Oracle Banking Party Configuration User Guide** for more details on Location Maintenance.

**Figure 8: Location Maintenance**



**SMDEMPMT – Employer Maintenance**

Maintain employer codes here, the same code to be used while entering Party Employer name.

**Figure 9: Employer Maintenance**

The screenshot shows the 'Employer Maintenance' window. At the top, there are 'New' and 'Enter Query' buttons. Below that is a section titled 'Employer Maintenance' with fields for 'Employer Code \*' and 'Employer Description \*'. At the bottom, there is a footer area with fields for 'Maker' (KARNAMAK), 'Date Time' (2020-05-28 10:56:04), 'Checker' (KARNAMAK), 'Date Time' (2020-05-28 10:56:04), 'Mod No' (1), 'Record Status' (Open), 'Authorization Status' (Authorized), and an 'Exit' button.

**STDSEGMENT – Customer Segment Maintenance**

Maintain different for Customer Segment. The same code is to be maintained for the entity code "SEG" in Party Entity Maintenance.

**Figure 10: Customer Segment Maintenance**

The screenshot shows the 'Customer Segment Maintenance' window. At the top, there are 'New', 'Copy', 'Close', 'Unlock', 'Print', and 'Enter Query' buttons. Below that is a section with fields for 'Segment Code \*' (HNI), 'Segment Description' (High Net worth Individuals), 'Segment Currency' (GBP), 'Minimum Segment Amount' (5,001.00), and 'Maximum Segment Amount' (10,000.00). At the bottom, there is a footer area with fields for 'Fields' (Maker: KARNAMAK, Date Time: 2020-05-28 10:56:04, Checker: KARNAMAK, Date Time: 2020-05-28 10:56:04), 'Mod No' (1), 'Record Status' (Open), 'Authorization Status' (Authorized), and an 'Exit' button.

**STDCSCAG – Customer Category Maintenance**

Maintain Customer categories like below in FLEXCUBE Universal Banking. The same values need to be maintained or replicated in Core Maintenance - Customer Category, which can be input as Party Sub Type during the Party onboarding.

S.No	Customer Category	Description (sample)	Purpose
1	INDIVIDUAL	INDIVIDUAL	Required for onboarding Retail Customers.
2	CORPORATE	CORPORATE	Required for onboarding Corporate Customers
3	SMB	Small and Medium Business	Required for onboarding Small and Medium Business Customers.
4	SME	Small and Medium Enterprise	Required for onboarding Small and Medium Enterprise Customers.

**Figure 11: Customer Category Maintenance**

Customer Category Maintenance

New Copy Close Unlock Print Enter Query

Customer Category \* INDIVIDUAL

Description INDIVIDUAL

Maintain Customer Log

Fields

Maker FAISALAITO	Date Time: 2020-05-28 11:50:08	Mod No 1	Record Status Open
Checker FAISALAITO	Date Time: 2020-05-28 11:50:08		Authorization Authorized Status

Exit

## Party Amendment

### **GWDAMDMT –Gateway Amendment Maintenance**

In FLEXCUBE Universal Banking, the amendment should be allowed field-wise for an operation code. Below is the list of samples required amendment fields in FLEXCUBE Universal Banking:

#### **Customer Modification**

- External System and Origin System: EXTSYS
- Source Operation: ModifyCustomer
- Service Name: FCUBSCustomerService
- Operation Code: ModifyCustomer
- For each node, set New, Delete, and All Records as Y

**Figure 12: Gateway Amendment Maintenance**

#### **Node: STTMS\_CUSTOMER**

- ACCESS\_GROUP
- ADDRESS\_LINE1
- ADDRESS\_LINE2
- ADDRESS\_LINE3
- ADDRESS\_LINE4
- CIF\_STATUS
- COUNTRY
- CUSTOMER\_CATEGORY
- CUSTOMER\_NAME1
- CUSTOMER\_NAME2

- CUST\_CLASSIFICATION
- CUST\_GROUP
- FULL\_NAME
- KYC\_DETAILS
- KYC\_REF\_NO
- LANGUAGE
- LOCAL\_BRANCH
- NATIONALITY
- PINCODE
- SHORT\_NAME
- SHORT\_NAME2
- UNIQUE\_ID\_NAME
- UNIQUE\_ID\_VALUE

**Node:** STTMS\_CUSTOMER\_\_A

- ADDRESS\_LINE1
- ADDRESS\_LINE2
- ADDRESS\_LINE3
- COUNTRY
- CUSTOMER\_NAME1
- JOINT\_VENTURE
- KYC\_DETAILS
- KYC\_REF\_NO
- LANGUAGE
- NATIONALITY
- PINCODE
- UNIQUE\_ID\_NAME
- UNIQUE\_ID\_VALUE

**Node:** STTMS\_CUST\_DOMESTIC

- ACCOMODATION
- DEPENDENT\_CHILDREN
- DEPENDENT\_OTHERS
- EDUCATIONAL\_STATUS
- MARITAL\_STATUS
- MOTHER\_MAIDEN\_NAME
- SPOUSE\_EMP\_STATUS
- SPOUSE\_NAME
- STTMS\_CUST\_PERSONAL
- BIRTH\_COUNTRY
- CUSTOMER\_NO
- CUSTOMER\_PREFIX
- CUSTOMER\_PREFIX1
- CUSTOMER\_PREFIX2
- CUST\_COMM\_MODE

- DATE\_OF\_BIRTH
- D\_ADDRESS1
- D\_ADDRESS2
- D\_ADDRESS3
- D\_ADDRESS4
- D\_COUNTRY
- D\_PINCODE
- E\_MAIL
- FAX
- FAX\_ISD\_NO
- FIRST\_NAME
- HOME\_TEL\_ISD
- HOME\_TEL\_NO
- LAST\_NAME
- LEGAL\_GUARDIAN
- MIDDLE\_NAME
- MINOR
- MOBILE\_NUMBER
- MOB\_ISD\_NO
- PASSPORT\_NO
- PLACE\_OF\_BIRTH
- PPT\_EXP\_DATE
- PPT\_ISS\_DATE
- P\_ADDRESS1
- P\_ADDRESS2
- P\_ADDRESS3
- P\_ADDRESS4
- P\_COUNTRY
- P\_NATIONAL\_ID
- P\_PINCODE
- RESIDENT\_STATUS
- SEX
- TELEPHONE
- TEL\_ISD\_NO
- US\_RES\_STATUS
- VST\_US\_PREV

**Note:** STTMS\_CUST\_PERSONAL\_\_A

- CUST\_COMM\_MODE
- E\_MAIL
- FAX
- FAX\_ISD\_NO
- MOBILE\_NUMBER
- MOB\_ISD\_NO
- TELEPHONE

- TEL\_ISD\_NO
- STTMS\_CUST\_PROFESSIONAL
- CCY\_PERS\_INCEXP
- CREDIT\_CARDS
- DESIGNATION
- EMPLOYER
- EMPLOYMENT\_STATUS
- EMPLOYMENT\_TENURE
- E\_ADDRESS1
- E\_ADDRESS2
- E\_ADDRESS3
- E\_ADDRESS4
- E\_COUNTRY
- E\_EMAIL
- E\_TELEPHONE
- HOUSE\_VALUE
- INSURANCE
- LOAN\_PAYMENT
- OTHER\_EXPENSES
- OTHER\_INCOME
- PINCODE
- PREV\_DESIGNATION
- PREV\_EMPLOYER
- RENT
- RETIREMENT\_AGE
- SALARY
- SALARY\_FREQ

### **KYC Modification**

- External System and Origin System: EXTSYS
- Source Operation: STDKYCMN MODIFY
- Service Name: FCUBSSTService
- Operation Code: ModifyKYCDetails
- For each node, set New, Delete, and All Records as Y

#### **Node: STTMS\_KYC\_COMPL\_AUDIT\_DTL**

- ACTIVITY\_STP\_CD
- ACTIVITY\_STP\_CD\_REASON
- CB\_RESPONSE
- CB\_RESPONSE\_DATE
- CIS\_NUMBER
- DAIRY\_NOTE

- NAME
- STR\_DATE
- STR\_RAISED
- STR\_REF\_NO

**Node:** STTMS\_KYC\_CORPORATE

- ACC\_PURPOSE
- ACC\_SOLICITED
- ACC\_SOLICITED\_DATE
- ANNUAL\_TURNOVER
- APPROVER\_COMMENTS
- AUDIT\_DATE
- BORROW\_ACC\_GRP
- BUSINESS\_APPROVAL
- BUSINESS\_NATURE
- COMPANY\_TYPE
- COMPLIANCE\_CLEARANCE
- EMPLOYEE\_NUMBER
- FUNDS\_SOURCE
- GROUP\_NAME
- INTRODUCER\_DTL
- KYC\_AMTS\_CCY
- KYC\_COMMENTS
- KYC\_NXT REVIEW\_DATE
- LOCAL\_ABROAD\_BRN
- OTHR\_COMPANY\_TYPE
- OTHR\_SALARY\_MODES
- PARENT\_CMPNY\_COUNTRY
- SALARY\_MODE

**Node:** STTMS\_KYC\_Corp\_CLIENT

- COUNTRIES
- PAYMENT\_MODE

**Node:** STTMS\_KYC\_Corp\_KEYPERSONS

- ADDRESS
- ADDRESS\_COUNTRY
- BIRTH\_COUNTRY
- DATE\_OF\_BIRTH
- ISD\_CODE

- NATIONALITY
- OWNERSHIP\_TYPE
- PLACE\_OF\_BIRTH
- POSITION\_OR\_TITLE
- RELATIONSHIP
- SHARE\_HOLDING
- TAX\_CNTRY
- TEL\_NO
- TIN

**Node:**STTMS\_KYC\_CORP\_SUPPLIER

- COUNTRIES
- SETTLEMENT\_MODE

**Node:**STTMS\_KYC\_FINANCIAL

- BANK\_ADDRESS
- COUNTRY
- KYC\_AMTS\_CCY

**Node:**STTMS\_KYC\_MASTER

- CRS\_TYPE
- KYC\_DESC
- RISK\_LEVEL

**Node:**STTMS\_KYC\_MGMT\_DTL

- DESIGNATION

**Node:** STTMS\_KYC\_RETAIL

- ACC\_PURPOSE
- ACC\_TYPE
- APPROVER\_COMMENTS
- BIRTH\_COUNTRY
- BIRTH\_DATE
- BIRTH\_PLACE
- BUSINESS\_INCOME
- DECLARED
- FAX\_ISD\_NO
- FAX\_NO
- HOME\_ADDR\_COUNTRY

- HOME\_COUNTRY\_ADDR
- INVESTMENT\_INCOME
- KYC\_AMTS\_CCY
- KYC\_COMMENTS
- KYC\_NXT REVIEW\_DATE
- LOCAL\_ADDR
- LOCAL\_ADDR\_COUNTRY
- MOBILE\_TEL\_NO
- MOB\_ISD\_NO
- NATIONALITY
- OFFICE\_TEL\_NO
- OFF\_TEL\_ISD\_NO
- OTHR\_ACC\_PURPOSE
- OTHR\_INCOME\_SOURCES

**Node:**STTMS\_KYC\_SHARE\_HOLDERS

- ADDRESS
- CITY
- COUNTRY
- HOLDING

**Node:**STTMS\_KYC\_TXN\_DETAILS

- COUNTRIES
- COUNTRY\_PURPOSE
- MAX\_COUNT
- PURPOSE
- SINGLE\_MAX\_AMT
- TOTAL\_AMT

**Node:**STTMS\_KYC\_TXN\_PRODUCTS

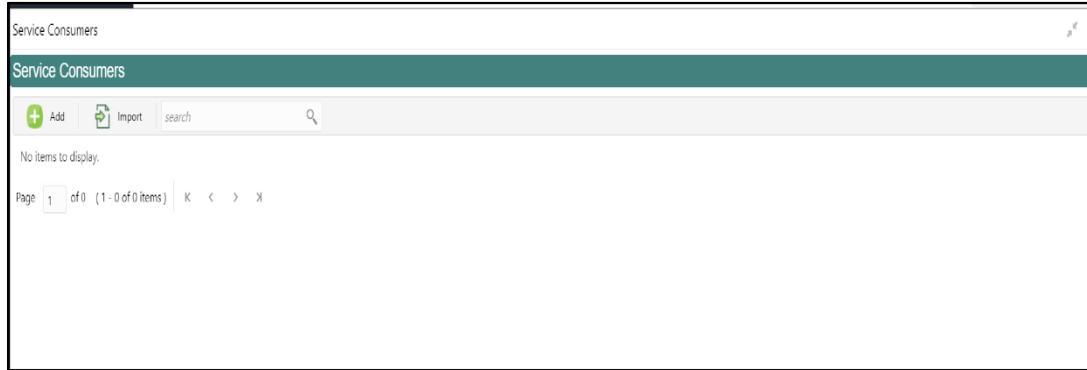
- MONTHLY\_AMT
- NO\_OF\_TXN\_MONTHLY
- RATING

**NOTE:** Additional fields may be present keeping future scope/assumptions.

## 2.4 Maintenance for Party Services

- 1) Maintain Oracle Banking Routing Hub configuration in common core for FLEXCUBE Universal Banking.
- 2) From **Home screen**, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**.
- 3) Under **Routing Hub**, click **Service Consumers**.  
→ The **Service Consumers** screen is displayed.

**Figure 13: Service Consumers**



- 4) Click **Import** and upload the **OBPY\_Consumer.json** file provided in the release and click **Extract**.
- 5) Select **FCUBS** and click **Import**.
- 6) Click **OBPY**.
- 7) Under **OBPY**, click **FCUBS**.
- 8) Click **Edit**.
- 9) Change the host and port as per the FLEXCUBE Universal Banking Soap WebService installation and save it.
- 10) Consumer services in the JSON will be imported.
- 11) Post importing, please check the request transformation in the below listed Consumer Services. The Entity code must be changed to the value set in FLEXCUBE Universal Banking or the value can be nullified.

For example, the request transformation will have the following typical line

```
<fcub:ENTITY>$headers["entityId"]<0></fcub:ENTITY>
```

Here the entity code in the OBPY is passed in runtime as `$headers["entityId"][0]`. This would not work if the entity code is different in FLEXCUBE Universal Banking.

The above line can be changed to

```
<fcub:ENTITY>entity_code_of_fcubs</fcub:ENTITY> or <fcub:ENTITY></fcub:ENTITY>
```

List of Consumer Services in Service Provider FCUBS

1. CreateSMBCustomerFS
2. CreateFICorporateCustomerFS
3. CreateSMECustomerFS
4. CreateCustomerFS
5. CreateCorporateCustomerFS
6. CreateKYCDetailsFS
7. ModifyCustomerFS
8. ModifySMECustomerFS
9. ModifyStructuredAddressFS
10. ModifySMBCustomerFS
11. ModifyCorporateCustomerFS
12. ModifyFICustomerFS
13. QueryCustomerIO
14. QueryCustomerAccountBalance