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

Oracle Banking Origination

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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

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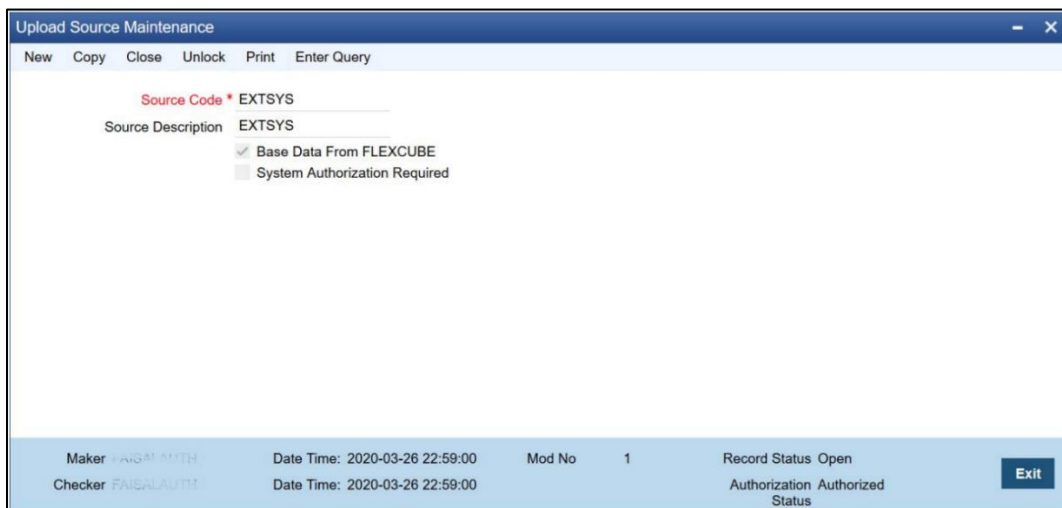
CODUPLDM – Upload Source Preferences Maintenance

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

GWDETSYS – External System Maintenance

Maintain details for external system EXTSYS in this screen.

Figure 3: External System Maintenance
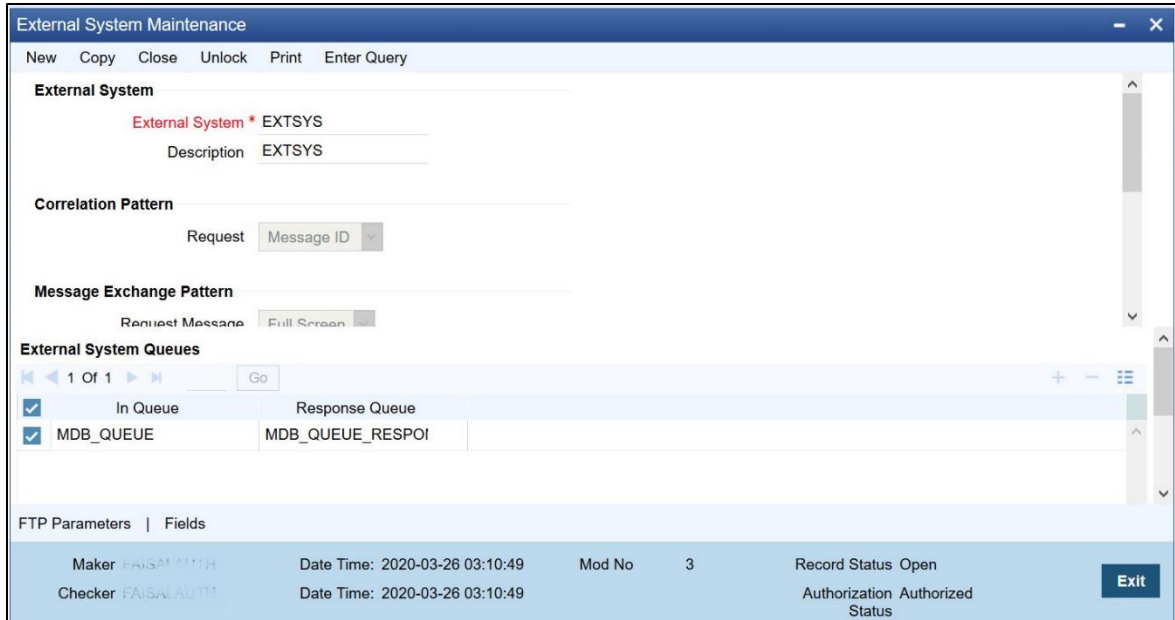
GWDETFUN – External System Functions

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
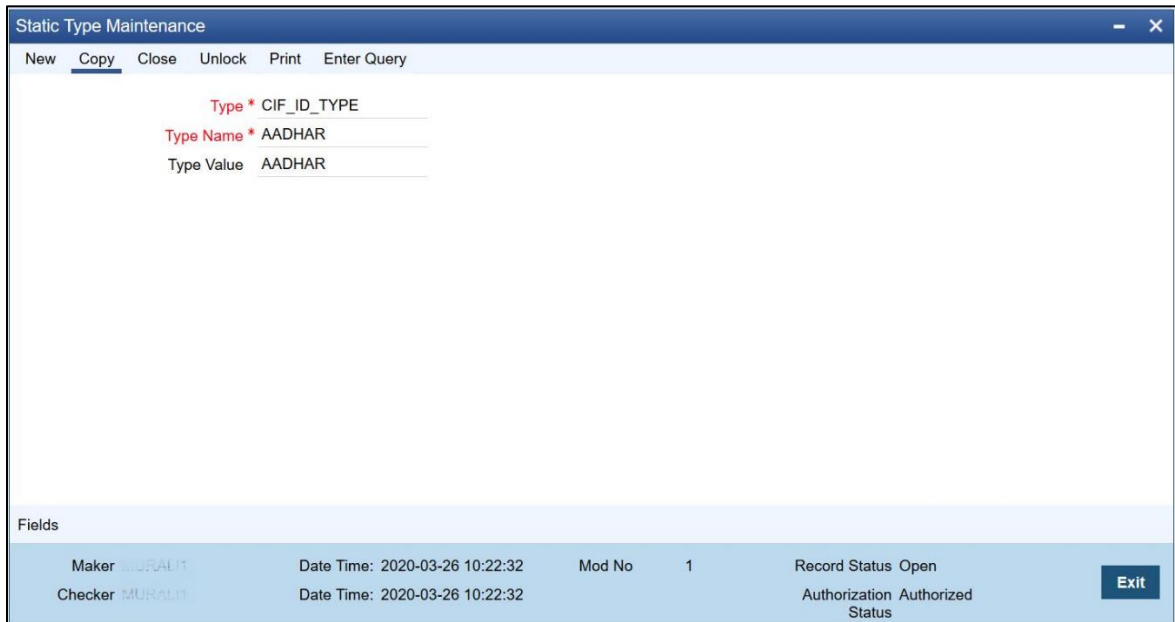
STDKYCTP – KYC Type Maintenance

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
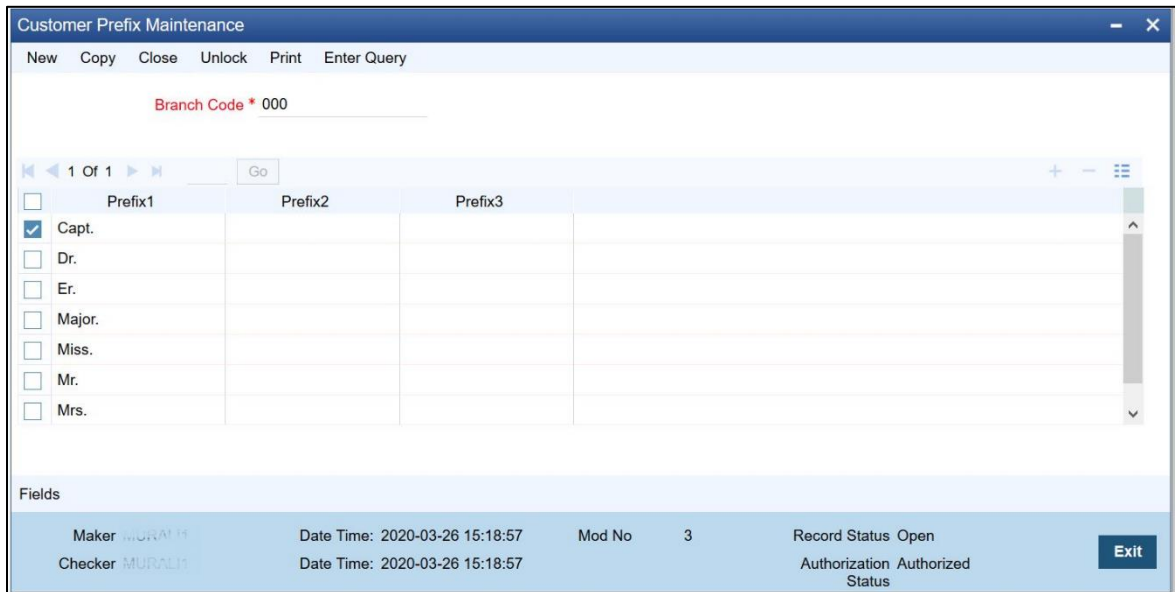
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STDCULOE - Location Maintenance

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

STDSEGMT – 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

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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

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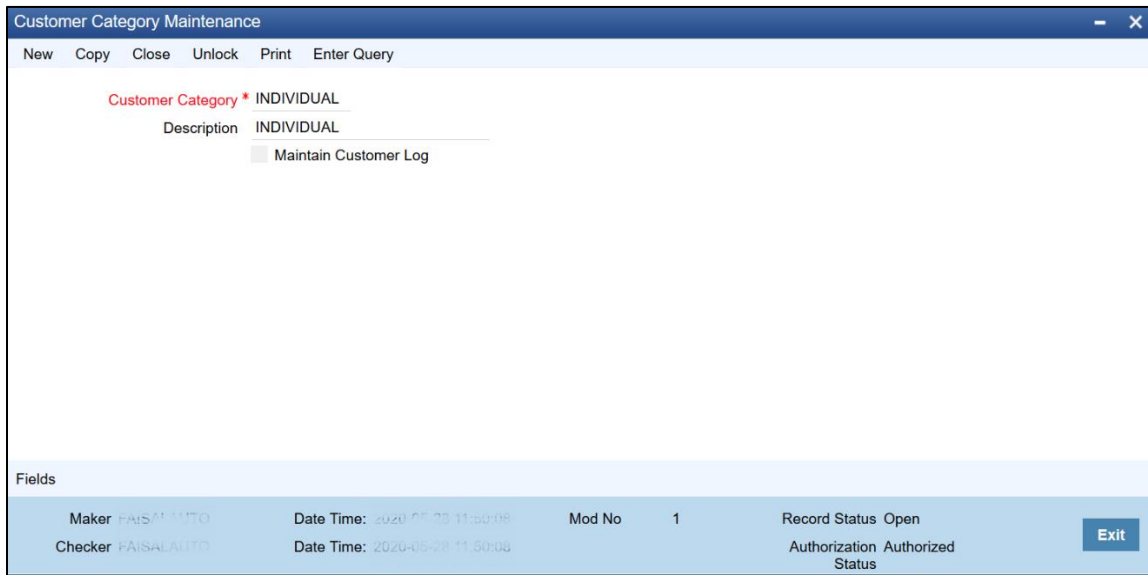
Party Amendment

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
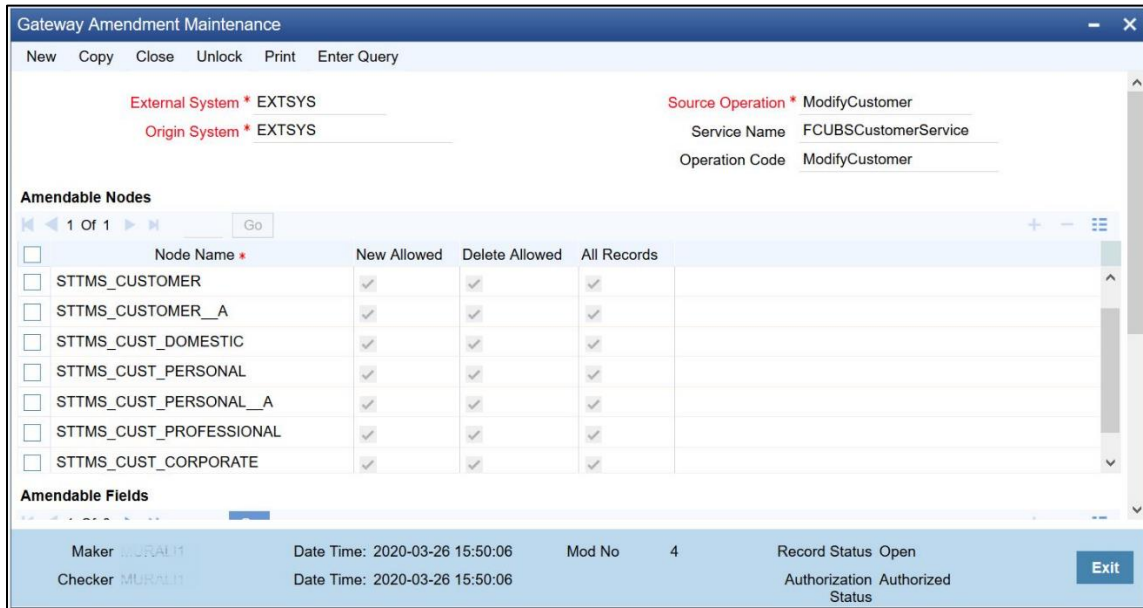
Node: STTMS_CUSTOMER

- 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

Node: STTMS_CUST_PERSONAL__A

- CUST_COMM_MODE
- E_MAIL
- FAX
- FAX_ISD_NO
- MOBILE_NUMBER
- MOB_ISD_NO
- TELEPHONE

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- 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_MGMNT_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

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- 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.

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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
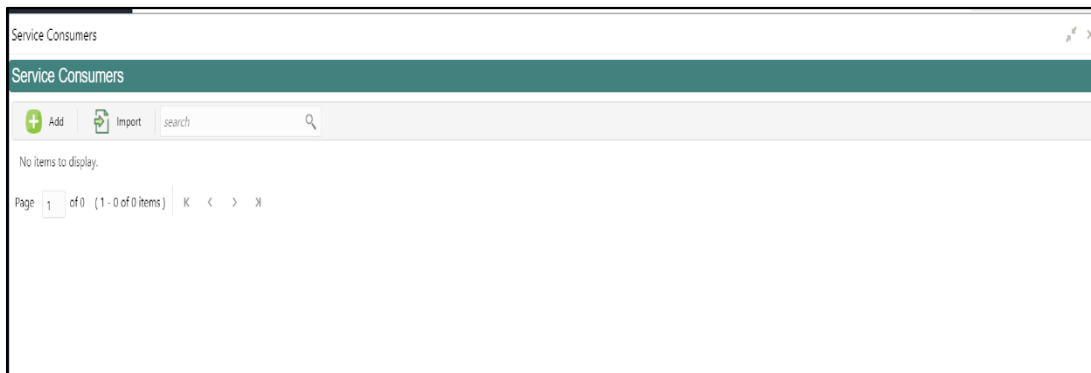
4) Click **Import** and upload the **OBPY_Consumer.json** file provided in the release and click **Extract**.

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