Oracle® Banking Microservices Architecture FLEXCUBE Universal Banking - Party Services Integration Guide





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Preface

This guide helps to integrate Party Services with FLEXCUBE Universal Banking.

This topic contains the following subtopics:

- Audience
- Diversity and Inclusion
- · Related Resources
- Conventions
- Screenshot Diclaimer

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

Diversity and Inclusion

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

Related Resources

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

Conventions

The following text conventions are used in this document:



Convention	ition 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	space Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.	

Screenshot Diclaimer

Information used in the interface or documents are dummy, it does not exist in real world, and its only for reference purpose.



1

Integration Guide

This topic describes the systematic instructions for integration of Party Services with FLEXCUBE Universal Banking acting as the backend Product Processor.

Prerequisites

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.

This topic contains the following subtopics:

- Maintenance for Oracle FLEXCUBE Universal Banking
 This topic describes the maintenance for Oracle FLEXCUBE Universal Banking.
- Maintenance for Party Services
 This topic describes the maintenance for Party Services.

1.1 Maintenance for Oracle FLEXCUBE Universal Banking

This topic describes the maintenance for Oracle FLEXCUBE Universal Banking.

Specify **User ID** and **Password**, and login to **Oracle FLEXCUBE Universal Banking Home** screen.

Gateway setup should be done in Oracle FLEXCUBE Universal Banking for the particular source system by performing the below-listed maintenance.

Refer to **Common Core - Gateway User Guide** in Oracle FLEXCUBE Universal Banking for a detailed explanation.

Upload Source Maintenance

Maintain the source code as EXTSYS for Party Services to identify it as an external source system in the **Upload Source Maintenance** screen.

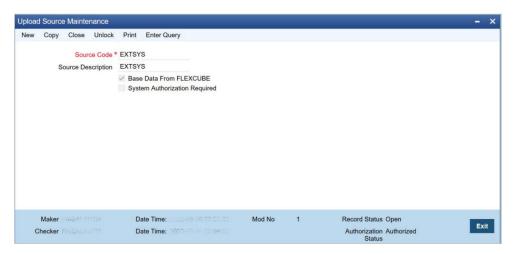
EXTSYS is an example source system name used throughout this document.

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

1. On **Home** screen, specify **CODSORCE**, and click **Next** arrow.

The **Upload Source Maintenance** screen displays.

Figure 1-1 Upload Source Maintenance



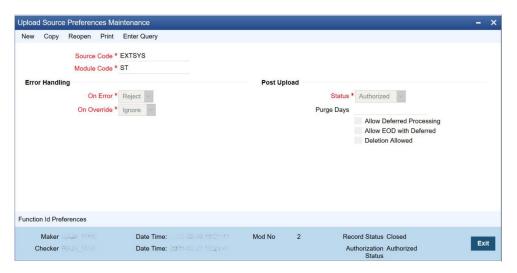
Upload Source Preferences Maintenance

For the defined source system (EXTSYS) and module ST, maintain the source preference record with recommended key values as shown below in the **Upload Source Preferences Maintenance** screen.

- a. Post upload status Authorized
- b. On Override Ignore
- c. On Error Reject
- d. On Repairable Exception Reject
- e. On Queue Exception Reject
- On Home screen, specify CODUPLDM, and click Next arrow.

The Upload Source Preferences Maintenance screen displays.

Figure 1-2 Upload Source Preferences Maintenance



External System Maintenance

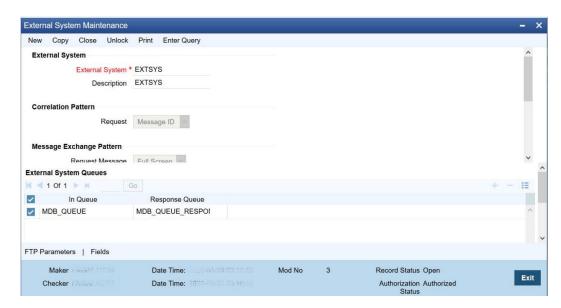
Maintain the external system EXTSYS for Party Services in the **External System Maintenance** screen.



3. On Home screen, specify GWDETSYS, and click Next arrow.

The External System Maintenance screen displays.

Figure 1-3 External System Maintenance



External System Functions

Maintain the following function access rights in the **External System Functions** screen for the external system.

Table 1-1 External System Functions - Parameter Setup

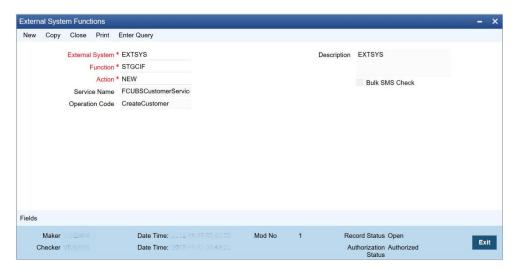
Function	Action
STGCIF	NEW
STGCIF	UNLOCK
STGCIF	AUTHORIZE
STQCIF	VIEW
STVCIF	VIEW
STGKYCMN	NEW
STGKYCMN	UNLOCK
STGKYCMN	DELETE
STGKYCMN	AUTHORIZE
ACQABLQY	VIEW
STGCRCAD	NEW
STGCRCAD	UNLOCK
STGCRCAD	AUTHORIZE
STGCRCAD	VIEW

4. On **Home** screen, specify **GWDETFUN**, and click **Next** arrow.

The External System Functions screen displays.



Figure 1-4 External System Functions



Static Type Maintenance

Maintain the following static maintenance are required for type CIF_ID_TYPE in the **Static Type Maintenance** screen.

Table 1-2 Static Type Maintenance - Parameter Setup

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

Same type values to be maintained as the sub_entity_code in Party Entity Maintenance for the entitycode ITY.



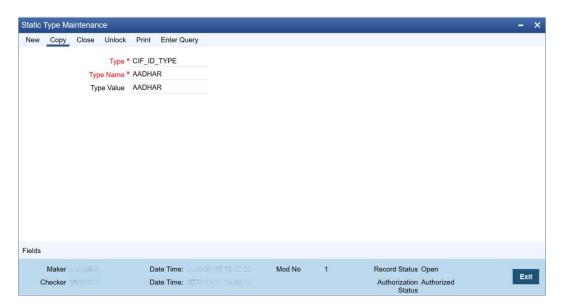
Refer to **Oracle Banking Party Configuration User Guide** for more details on Entity Maintenance.

5. On **Home** screen, specify **CODTYPES**, and click **Next** arrow.

The Static Type Maintenance screen displays.



Figure 1-5 Static Type Maintenance



KYC Type Maintenance

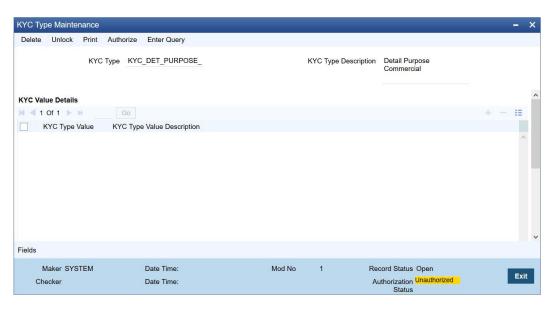
Maintain a KYC Type as *KYC_PURPOSE* with a value as "Commercial" in the **Static Type Maintenance** screen. The same value has to be maintained in the Party properties table (obpy_properties) key KYC_TYPE_PURPOSE.

Similarly, maintain a KYC Type as KYC_PURPOSE_CRP with values like CORPORATE, SMB, and SME to indicate the reason for Customer Onboarding.

6. On **Home** screen, specify **STDKYCTP**, and click **Next** arrow.

The **KYC Type Maintenance** screen displays.

Figure 1-6 KYC Type Maintenance



Customer Prefix Maintenance

Maintain the below customer Prefix1 in Customer Prefix Maintenance screen.



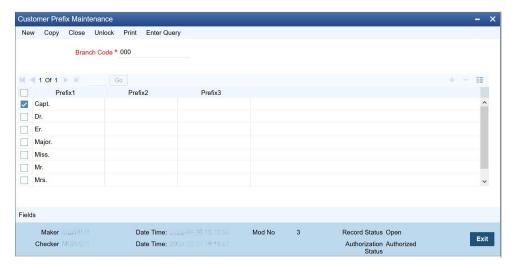
- Capt.
- Dr.
- Er.
- Major.
- Miss.
- Mr.
- Mrs.
- Ms.

The same values as sub_entity_code to be maintained in Party Entity Maintenance for the entitycode SAL.

7. On **Home** screen, specify **STDCUPRT**, and click **Next** arrow.

The Customer Prefix Maintenance screen displays.

Figure 1-7 Customer Prefix Maintenance



Location Maintenance

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



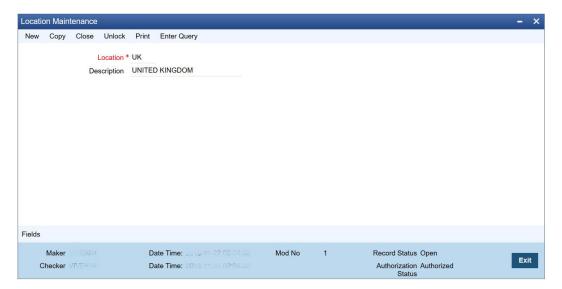
Refer to **Oracle Banking Party Configuration User Guide** for more details on Location Maintenance.

8. On Home screen, specify STDCULOE, and click Next arrow.

The Location Maintenance screen displays.



Figure 1-8 Location Maintenance



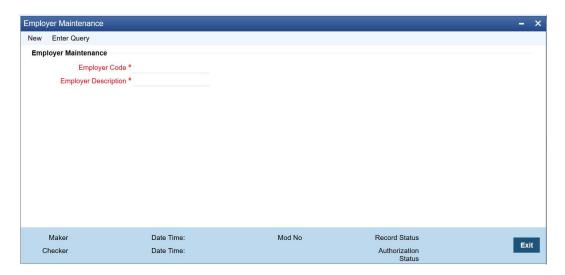
Employer Maintenance

Maintain the employer codes in **Employer Maintenance** screen. The same code has to be used while entering Party Employer name.

9. On **Home** screen, specify **SMDEMPMT**, and click **Next** arrow.

The **Employer Maintenance** screen displays.

Figure 1-9 Employer Maintenance



Customer Segment Maintenance

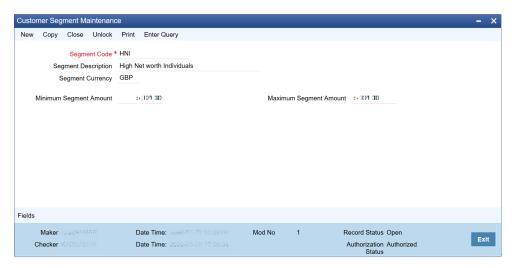
Maintain the different values for Customer Segment in **Customer Segment Maintenance** screen. The same code has to be maintained for the entity code "SEG" in Party Entity Maintenance.

10. On Home screen, specify STDSEGMT, and click Next arrow.

The Customer Segment Maintenance screen displays.



Figure 1-10 Customer Segment Maintenance



Customer Category Maintenance

Maintain the following Customer categories 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.

Table 1-3 Customer Category Maintenance - Parameter Setup

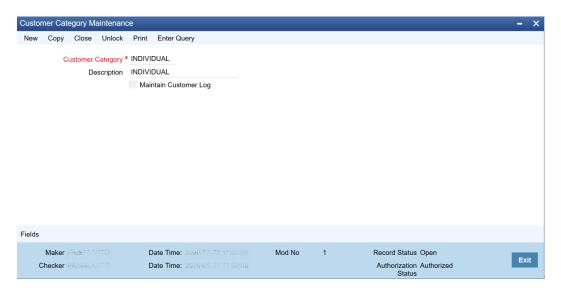
S No	Customer Category	Description	Purpose
1	INDIVIDUAL	INDIVIDUAL	Required for onboarding Retail Customers
2	CORPORATE	CORPORATE	Required for onboarding Corporate Customers
3	PPT	Small and Medium Business	Required for onboarding Small and Medium Business Customers
4	VOTERID	Small and Medium Enterprise	Required for onboarding Small and Medium Enterprise Customers

11. On Home screen, specify STDCSCAG, and click Next arrow.

The Customer Category Maintenance screen displays.



Figure 1-11 Customer Category Maintenance



Party Amendment

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
- 12. On Home screen, specify GWDAMDMT, and click Next arrow.

The Gateway Amendment Maintenance screen displays.



Gateway Amendment Maintenance New Copy Close Unlock Print Enter Query External System * EXTSYS Source Operation * ModifyCustomer Origin System * EXTSYS Service Name FCUBSCustomerService Operation Code ModifyCustomer **Amendable Nodes** Go Node Name * New Allowed Delete Allowed All Records STTMS_CUSTOMER STTMS_CUSTOMER_A STTMS_CUST_DOMESTIC STTMS_CUST_PERSONAL STTMS_CUST_PERSONAL_A 1 STTMS_CUST_PROFESSIONAL 1 STTMS_CUST_CORPORATE Amendable Fields MakerURALI1 Date Time: __020-03-26 15.50 Mod No Record Status Open Exit Checker MURALIT Date Time: 2020-03-25 15:50:05 Authorization Authorized Status

Figure 1-12 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
- 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
- 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.



1.2 Maintenance for Party Services

This topic describes the maintenance for Party Services.

Specify **User ID** and **Password**, and login to **Home** screen.

Maintain Oracle Banking Routing Hub configuration in common core for FLEXCUBE Universal Banking.



Refer to Routing Hub Configuration User Guide for a detailed explanation.

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

The **Service Consumers** screen displays.

Figure 1-13 Service Consumers



- 3. Click **Import** and upload the OBPY Consumer.json file provided in the release.
- 4. Click Extract.
- 5. Select FCUBS and click Import.
- 6. Click OBPY.
- Under OBPY, click FCUBS.
- B. Click Edit.
- 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

- a. CreateSMBCustomerFS
- b. CreateFICorporateCustomerFS
- c. CreateSMECustomerFS
- d. CreateCustomerFS
- e. CreateCorporateCustomerFS
- f. CreateKYCDetailsFS
- g. ModifyCustomerFS
- h. ModifySMECustomerFS
- ModifyStructuredAddressFS
- ModifySMBCustomerFS
- k. ModifyCorporateCustomerFS
- I. ModifyFICustomerFS
- m. QueryCustomerIO
- n. QueryCustomerAccountBalance

External DDA System Maintenance

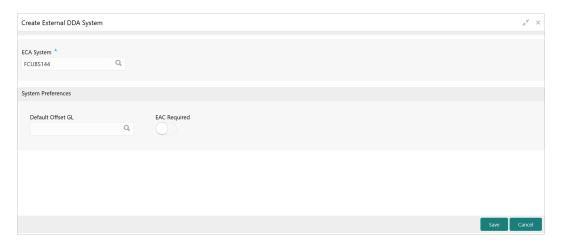
Maintain External DDA details, the offset GL, and EAC Required.

- 12. On Home screen, click Virtual Account Management. Under Virtual Account Management, click Configuration.
- 13. Under Configuration, click External DDA System.
- 14. Under External DDA System, click Create External DDA System.
 - Search and Select the Default Offset GL maintained in Common Core External Chart.
 - b. Select the toggle whether EAC is required or not.

The Create External DDA System screen displays.



Figure 1-14 Create External DDA System





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