

OBPY – OFLO Integration Guide

Oracle FLEXCUBE Onboarding

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OBPY - OFLO Integration Guide

Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Gurgaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:

Phone: +91 22 6718 3000

Fax: +91 22 6718 3001

<https://www.oracle.com/industries/financial-services/index.html>

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1 About this manual

1.1 Purpose

This manual is to help with Integration of Oracle FLEXCUBE Onboarding with Oracle Banking Party Module.

1.2 Audience

This guide is intended for the Implementation and IT Staff to implement and maintain the software.

1.3 List of Chapters

This manual is organized into the following chapters:

Chapter	Description
OBPY - OFLO Integration	This chapter helps you to Integrate Oracle Banking Party Module with Oracle FLEXCUBE Onboarding product.

1.4 Acronym and Abbreviation

The following are some of the acronyms and abbreviations you are likely to find in the manual.

Abbreviation	Description
OBPY	Oracle Banking Party Module
OFLO	Oracle FLEXCUBE Onboarding

2 OBPY – OFLO Integration

2.1 Introduction

You can integrate Oracle FLEXCUBE Onboarding with Oracle Banking Party module through Oracle Banking Routing Hub. This document briefs you about the specific steps needed for Integration of these two products and specific maintenances.

Oracle FLEXCUBE Onboarding (OFLO) and Oracle Banking Party Module integration will allow end-customers to initiate multi-product applications in a single go without much hindrance. This will enable faster application processing, easy tracking and a single and efficient platform to open accounts.

For the smooth integration, OBPY has provided the following Rest APIs for OFLO to consume and utilize in product origination.

- [2.1.1 Initiate Onboarding API](#)
- [2.1.2 Enquiry API for Existing Customer](#)
- [2.1.3 Enquiry API for new Customer](#)
- [2.1.4 Enquiry API for Party Maintenance](#)
- [2.1.5 Initiate Amend Process API](#)

NOTE: Currently, all the API has been integrated with JWT_Token.

2.1.1 Initiate Onboarding API

Initiate Onboarding API allows OFLO to Initiate Onboarding for a new Customer through OBPY, This API allows to send New Party details along with Financial Details to OBPY Module to onboard a new Customer. This API allows to Onboard a new Customer for different Origination Process such as Savings Account, Current Account, Term Deposit Account and Loan Account Origination Process from OFLO.

Follow the below steps to Initiate Onboarding for a New Customer in OFLO:

1. Start the origination for Savings Account, Current Account, Term Deposit Account or Loan Account from Product Catalogue in OFLO.
2. Open Customer Information data-segment screen in OFLO.
3. Select the existing customer switch as off and capture all the mandatory fields.
4. Open Financial Details data-segment screen in OFLO.
5. Capture the financial details for the respective customer.
6. On submission of Application Entry Stage, Customer Onboarding request gets initiated. For Multi Product Origination, it gets initiated on submission of Application Entry stage of the last product.

Follow the below steps to Initiate Onboarding for a New Customer in OFLO through OBDX:

1. Use the INITIATE API to initiate an application
2. Use the SUBMIT API to save the Customer Information and Financial Details
3. When the application is submitted from OBDX and when the Application Entry stage (or whichever stage has the Customer Information data-segment) is submitted, Customer Onboarding request gets initiated.

Note: If the KYC data is also sent by OBDX and if the customer is compliant, then the customer will be on-boarded through STP in OBPY module

→ Customer is now available in OBPY for further operations

NOTE: The below API is integrated through OBRH.

Below are the details of the API:

OBRH endpoint details	OBPY endpoint details
<p>API: /cmc-obrh-services/route/dispatch</p> <p>Type: POST</p> <p>Headers:</p> <p>Content-Type:application/json</p> <p>userId:RAHUL</p> <p>appld:CMNCORE</p> <p>branchCode:000</p> <p>SERVICE- CONSUMER:RPM_ORIGINATION</p> <p>SERVICE-CONSUMER-SERVICE: OBPY_INITIATE_ONBOARDING_PARTY</p>	<p>API: /obpy-party-services/service/v1/initiatePartyOnboarding</p> <p>Type: POST</p> <p>Headers:</p> <p>Content-Type: application/json</p> <p>userId:SHITAL1</p> <p>appld:PRTONB</p> <p>branchCode:000</p> <p>Authorization:Bearer eyJhbGciOiJIUzUxMiJ9.e</p> <p>authToken: token</p>



Initiate-onboarding

2.1.2 Enquiry API for Existing Customer

Initiate API will be used to initiate and thus start a multi-product application through OFLO.

Below are the salient features of Enquiry API for Existing Customer. Enquiry API for existing customer will return the Customer details along with financial details.

NOTE: The below API is integrated through OBRH.

Below are the details of the API:

OBRH endpoint details	OBPY endpoint details
<p>API: /cmc-obrh-services/route/dispatch</p> <p>Type: POST</p> <p>Headers:</p> <p>Content-Type:application/json</p> <p>userId:RAHUL</p> <p>appId:CMNCORE</p> <p>branchCode:000</p> <p>SERVICE- CONSUMER:RPM_ORIGINATION</p> <p>SERVICE-CONSUMER-SERVICE: OBPY_GET_EXISTING_PARTY</p>	<p>API: /obpy-party-services/obpy-party-services/service/v1/getParty/{partyId}</p> <p>Type: GET</p> <p>Headers:</p> <p>Content-Type:application/json</p> <p>userId:SHITAL1</p> <p>appId:PRTONB</p> <p>branchCode:000</p> <p>Authorization:Bearer eyJhbGciOiJIUzUxMiJ9.e</p> <p>authToken:token</p>



Customer-Response-
Get-Existing-Custome

2.1.3 Enquiry API for new Customer

Initiate API will be used to initiate and thus start a multi-product application through OFLO.

Below are the salient features of Enquiry API for Existing Customer. Enquiry API for existing customer will return the Customer details along with financial details.

NOTE: The below API is integrated through OBRH.

Below are the details of the API:

OBRH endpoint details	OBPY endpoint details
<p>API: /cmc-obrh-services/route/dispatch</p> <p>Type: POST</p> <p>Headers:</p> <p>Content-Type:application/json</p> <p>userId:RAHUL</p> <p>appId:CMNCORE</p> <p>branchCode:000</p> <p>SERVICE- CONSUMER:RPM_ORIGINATION</p> <p>SERVICE-CONSUMER-SERVICE: OBPY_GET_NEW_PARTY</p>	<p>API: /obpy-party-services/obpy-party-services/service/v1/retail/customerDetails/{partyId}</p> <p>Type: GET</p> <p>Headers:</p> <p>Content-Type:application/json</p> <p>userId:SHITAL1</p> <p>appId:PRTONB</p> <p>branchCode:000</p> <p>Authorization:Bearer eyJhbGciOiJIUzUxMiJ9.e</p> <p>authToken:token</p>



Customer-Response-
Get-new-Customer

2.1.4 Enquiry API for Party Maintenance

Enquiry API for Party Maintenance is used to fetch the types of types value maintained in party module for various drop down.

NOTE: The below API is integrated through OBRH.

Below are the details of the API:

OBRH endpoint details	OBPY endpoint details
<p>API: /cmc-obrh-services/route/dispatch</p> <p>Type: POST</p> <p>Headers:</p> <p>Content-Type:application/json</p> <p>userId:RAHUL</p> <p>appld:CMNCORE</p> <p>branchCode:000</p> <p>SERVICE- CONSUMER:RPM_ORIGINATION</p> <p>SERVICE-CONSUMER- SERVICE:OBPY_MAINTENANCE</p>	<p>API: /obpy-party-maintenance-service/obpy-party-maintenance-service/service/v1/retail/customerDetails/{partyId}</p> <p>Type: GET</p> <p>Headers:</p> <p>Content-Type:application/json</p> <p>userId:SHITAL1</p> <p>appld:PRTONB</p> <p>branchCode:000</p> <p>Authorization:Bearer eyJhbGciOiJIUzUxMiJ9.e</p> <p>authToken:token</p>



GET-Party-Maintenan
ce-API

2.1.5 Initiate Amend Process API

Initiate Amend Process API allows OFLO to initiate amendment process for an existing Customer through OBPY. This API allows to send the details of the existing customer along with Financial Details to OBPY Module to amend an existing customer. This API allows to amend an existing customer for the different Origination Process such as Saving-Account, Current-Account, Term-Deposit-Account and Loan-Account Origination Process from OFLO.

Follow the below steps to initiate amendment for an existing customer in OFLO:

1. Start the Origination for Saving, Current, Term Deposit or Loan Account from Product Catalogue in OFLO.
2. Open Customer Information Data-segment Screen in OFLO.
3. Select the existing customer switch as on and fetch details of the existing customer.
4. If the amendment is required, click Edit to update the details and click Save.
5. Open Financial Details data-segment screen in OFLO.
6. The Financial Details of the existing customer appears.
7. If the amendment is required, click Edit to update the details and click Save.
8. On submission of Application Entry Stage, Customer Amendment gets initiated. For Multi Product Origination, it gets initiated on submission of Application Entry stage of the last product.

→ Customer is now available in OBPY for further amendment process.

NOTE: The below API is integrated through OBRH.

Below are the details of the API:

OBRH endpoint details	OBPY endpoint details
<p>API: /cmc-obrh-services/route/dispatch</p> <p>Type: POST</p> <p>Headers:</p> <p>Content-Type:application/json</p> <p>userId:RAHUL</p> <p>appId:CMNCORE</p> <p>branchCode:000</p> <p>SERVICE- CONSUMER:RPM_ORIGINATION</p> <p>SERVICE-CONSUMER-SERVICE- CONSUMER- SERVICE:OBPY_AMEND_PARTY</p>	<p>API: /obpy-party-services/service/v1/retail/amendParty/{partyId}</p> <p>Type: POST</p> <p>Headers:</p> <p>Accept:application/json</p> <p>appId:PRTONB</p> <p>Authorization:Bearer</p> <p>authToken:Y</p> <p>branchCode:000</p> <p>Content-Type:application/json</p> <p>userId:SHITAL1</p>



Initiate Amend
Process API

2.2 External Documents for OBRH Configuration

Please find the OBRH configuration files in the OSDC zip.