

OBPY – RPM Integration Guide

Oracle FLEXCUBE Universal Banking

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OBPY - RPM Integration Guide

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1 About this manual

1.1 Purpose

This manual is to help with Integration of Retail Process Management with Oracle FLEXCUBE Universal Banking Digital Experience product.

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 - RPM Integration	This chapter helps you to Integrate Oracle FLEXCUBE Universal Banking Digital Experience with Retail Process Management 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
RPM	Retail Process Management

2 OBPY – RPM Integration

2.1 Introduction

You can integrate Retail Process Management with Oracle FLEXCUBE Universal Banking Digital Experience product through Oracle Banking Routing Hub. This document briefs you about the specific steps needed for Integration of these two products and specific maintenances.

Retail Process Management (RPM) 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 RPM 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 RPM 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 Saving-Account, Current-Account, Term-Deposit-Account and Loan-Account Origination Process from RPM.

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

1. Start the origination for Saving, Current, Term Deposit or Loan Account from Product Catalogue in RPM.
2. Open Customer Information data-segment screen in RPM.
3. Select the existing customer switch as off and capture all the mandatory fields.
4. Open Financial Details data-segment screen in RPM.

5. Capture the financial details for the respective customer.
6. On submission of Application Entry Stage, Customer Onboarding 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 operations

NOTE: The below API is integrated through OBRH.

Below are the details of the API:

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



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 RPM.

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



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 RPM.

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



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



GET-Party-Mainten
ce-API

2.1.5 Initiate Amend Process API

Initiate Amend Process API allows RPM 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 RPM.

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

1. Start the Origination for Saving, Current, Term Deposit or Loan Account from Product Catalogue in RPM.
2. Open Customer Information Data-segment Screen in RPM.
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 RPM.
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
API: /cmc-obrh-services/route/dispatch Type: POST Headers: Content-Type:application/json userId:RAHUL applId:CMNCORE branchCode:000 SERVICE- CONSUMER:RPM_ORIGINATION SERVICE-CONSUMER-SERVICE- CONSUMER- SERVICE:OBPY_AMEND_PARTY	API: /obpy-party-services/service/v1/retail/amendParty/{partyId} Type: POST Headers: Accept:application/json applId:PRTONB Authorization:Bearer authToken:Y branchCode:000 Content-Type:application/json userId:SHITAL1



Initiate Amend
Process API

2.2 External Documents for OBRH Configuration

External documents for OBRH Configuration are available in below zip file.



OBRH party service configuration.zip