

**Oracle Banking Digital Experience  
Integration Guide**

**Oracle Banking Origination Cloud Service**

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## Oracle Banking Digital Experience Integration Guide

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## 1. Preface

### 1.1 Purpose

This guide is to help with Integration of Oracle Banking Origination with Oracle Banking Digital Experience product.

### 1.2 Audience

This guide is primarily intended for the following user/user roles:

**Table 1: Audience**

Role	Function
Implementation and IT Staff	Implementation and maintenance of the software

### 1.3 Document Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

### 1.4 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.

### 1.5 Conventions

The following text conventions are used in this document:

Conventions	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.

<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
Monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## 1.6 Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes

## 1.7 Related Documents

The related documents are as follows:

- Oracle FLEXCUBE Universal Banking Integration Guide
- Oracle Banking Branch Integration Guide
- Bureau Integration Service Integration Guide
- Oracle Banking Party Integration Guide
- Oracle Banking Credit Facility Process Management Integration Guide
- Decision Service Integration Guide
- FLEXCUBE Universal Banking-Party Services Integration Guide

## 2. Oracle Banking Digital Experience Integration

### 2.1 Introduction

You can integrate Oracle Banking Digital Experience product with Oracle Banking Origination using the APIs exposed from Oracle Banking Origination. This document briefs you about the details of APIs which are exposed for the smooth integration between the same.

Oracle Banking Origination and Oracle Banking Digital Experience 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.

### 2.2 Integration Touchpoints

Below table contains all the integration touchpoints used by Oracle Banking Digital Experience to integrate to Oracle Banking Origination.

**Note:** Please refer the API Documentation for more information on the individual API details and structure

**Table 2: Integration Touchpoints**

Interface Id	Description	Request Type	Operation
/obremo-rpm-businessproductdetails-services/web/businessproducts?channel=OB DX	Business Product API	Get	This API is used to list the OBDX specific business products configured in OBO. Required parameters can be sent so as to filter the results of products
/obremo-rpm-process-driver-services/service/initiate	Initiation API	Post	<p>This API is used to initiate</p> <ul style="list-style-type: none"> <li>• a multi-product application</li> <li>• convert an IPA to full application</li> </ul> <p>The response will give back Application Number, Process Reference Numbers and the required mandatory document list for the selected Business Products.</p>

/obremo-rpm-process-driver-services/service/submit	Submit API	Post	<p>This API is used to do the following on the initiated application</p> <ul style="list-style-type: none"> <li>• save – save required data without any business validation</li> <li>• submit – submit the required final data to Oracle Banking Origination so that application can be further processed in Oracle Banking Origination</li> <li>• terminate – Cancel already initiated application</li> </ul>
/obremo-rpm-process-driver-services/service/getData/{applicationNumber}	Get Application Data API	Get	This API is used to fetch the already saved application details from Oracle Banking Origination.
/obremo-rpm-projection-services/service/inquiry/applicationsList	Application tracker	Get	This API is used to get the basic details and status of applications initiated through Oracle Banking Origination. Required parameters can be sent to filter out the results.
/obremo-rpm-process-driver-services/service/getDocumentList	Document List API	Get	This API is used to fetch the documents which are required to be submitted for an existing application or a business product.
/obremo-rpm-maintenance-services/service-api/v1/applicationmaintenance/{type}	Maintenance List API	Get	This API is used to fetch static LOV values for drop-down fields from Oracle Banking Origination. These are factory-shipped static values.
/obremo-rpm-process-driver-services/service/loanOfferDetails	Get Loan Offer Details API	Post	This API is used to get details of the loan offer from Oracle Banking Origination.

/obremo-rpm-process-driver-services/service/loanOfferDecision	Loan Offer Decision API	Post	This API is used to accept/reject the loan offer which is generated in Oracle Banking Origination.
/obremo-rpm-projection-services/service/inquiry/ipaApplicationSearch	IPA Application tracker API	Get	This API is used to fetch the basic details and status of In-Principle Approval processes.
/obremo-rpm-maintenance-services/clarificationdetails	Customer Clarification API	PUT	Update To and from communication between Oracle Banking Origination bank user and customer

## 2.3 Integration Execution Flow

Below is a reference of execution flow for integrating Oracle Banking Digital Experience with Oracle Banking Origination.

### To execute the integration:

1. Select Business Products:  
Using the Business Product API, select the Business Products required to be initiated.
2. Initiate Application:  
Using the response from step 1, call the Initiation API. Make sure that the channel being passed is OBDX. The response of this call will be the Application Reference Number, Process Reference Numbers and the required mandatory document list required for the selected Business Products.
3. Save the Applicant Data:  
Using the reference numbers obtained from step 2, call the Submit API. Make sure that
  - channel is OBDX
  - action is save
  - CmnApplicant → applicantDetailsMasterModel block has proper Applicant data

#### Note:

- The Submit API can be called multiple times with action as save. This will save the data being sent from OBDX to the respective OBO tables.



- After the first save call of Submit API, the response will provide back with datasegment ids. All these ids are to be set in the next subsequent call requests.
- If the Applicant is a new customer, then the first Submit API call will return back an applicantId, which is to be used in other places of the same API in subsequent calls.

4. Save Application Data:

Using the Submit API, save all data which is required for the application.

5. Submit Application:

Using the Submit API with action as submit, submit the application from OBDX to OBO. The submit operation can be done only once, after which the application will be processed from OBO.

6. Mid-Office Processing: Once the application is submitted from OBDX, the first stage of the application will appear as a task in OBO Free Task screen. The OBO user who has sufficient privileges will be able to acquire and act on this task.

7. Application Tracker:

OBDX will be able to monitor the status of the submitted application using the Application Tracker API.

8. Loan Offer Details: If application is for loans, use the Get Loan Offer Details API to get the loan offer details.

9. Accept Loan Offer: To accept the loan offer, use the Loan Offer Decision API.

10. Cancel the Application: In between if the user wishes to cancel the application, use the Submit API with action as terminate