

Oracle® Banking Origination Cloud Service

Digital Experience Integration Guide



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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Purpose

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

Audience

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

Documentation Accessibility

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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.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	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

Oracle Banking Digital Experience Integration

This topic describes about the introduction to integrate Oracle Banking Origination with Oracle Banking Digital Experience product.

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.

- [Integration Touchpoints](#)
This topic describes about the integration touchpoints.
- [Integration Execution Flow](#)
This topic describes the process to execute the integration flow.

1.1 Integration Touchpoints

This topic describes about the 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 1-1 Integration Touchpoints

Interface ID	Description
/obremo-rpm-businessproductdetails-services/web/businessproducts?channel=OBDX	Business Product API

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description
/obremo-rpm-process-driver-services/service/initiate	Initiation API

Oracle
Integration
Touchpoints
API
User
Guide
©
2014
Oracle
Corporation
All
rights
reserved.

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-
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d
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Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

o n c o n v e r t a n l P A t o f u l l a p p l i c a t i o n

T h e r e s o o c n e e w

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Oracle
System
Year
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Oracle
Database
Cloud
Service

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description
/obremo-rpm-process-driver-services/service/submit	Submit API

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Oracle
Database
System
Component
s
a
v
e
-
s
a
v
e
r
e
q
u
i
r
e
d
d
a
t
a
w
i
t
h
o
u
t
a
n
y
b
u
s
i
n
e
s

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Oracle
Support
Center

validation submit submit the required final data too

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Oracle
Banking
Origination
Software
Application
can
be
f

r
a
c
l
e
B
a
n
k
i
n
g
O
r
i
g
i
n
a
t
i
o
n
s
o
f
t
h
a
t
a
p
p
l
i
c
a
t
i
o
n
c
a
n
b
e
f

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Oracle
Banking
Origination
Termi

Further
process
in Oracle
Banking
Origination
Termi

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Oracle Systems

n a t e - C a n c e l a l r e a d y i n i t i a t e d a p p l i c a t i o n

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description
/obremo-rpm-process-driver-services/service /getData/{applicationNumber}	Get Application Data API

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description
/obremo-rpm-projection-services/ /service/inquiry/applicationsList	Application tracker

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Oracle
System
Users

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description
/obremo-rpm-process-driver-services/service/getDocumentList	Document List API

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Oracle
Database
Cloud
Edition
19c
Release
19.0.0.0
February
2019

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description
/obremo-rpm-maintenance-services/service-api/v1/applicationmaintenance/{type}	Maintenance List API

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Oracle
Database
System
Administrator's
Guide
Part 1
Chapter 1
Integration
Touchpoints

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description
/obremo-rpm-process-driver-services/service/loanOfferDetails	Get Loan Offer Details API

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description
/obremo-rpm-process-driver-services/service/loanOfferDecision	Loan Offer Decision API

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description
/obremo-rpm-projection-services/service/inquiry/ipaApplicationSearch	IPA Application tracker API

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description
/obremo-rpm-maintenance-services/clarificationdetails	Customer Clarification API

Table 1-1 (Cont.) Integration Touchpoints

Interface ID	Description

1.2 Integration Execution Flow

This topic describes the process to execute the integration 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 à applicantDetailsMasterModel block has proper Applicant data
 - 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.

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