

**Oracle Banking Credit Facility Process
Management Integration Guide**

Oracle FLEXCUBE Onboarding

Release 14.5.2.0.0

Part Number F46759-01

August 2021

Oracle Banking Credit Facility Process Management Integration Guide

Oracle Financial Services Software Limited

Oracle Park

Off Western Express Highway

Goregaon (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>

Copyright © 2021, Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are “commercial computer software” pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited. The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Contents

1	About this manual	1
1.1	Purpose	1
1.2	Audience	1
1.3	List of Topics	1
2	Oracle Banking Credit Facility Process Management Integration.....	2
2.1	Introduction.....	2
2.1.1	Collateral Onboarding API	3
2.1.2	Get Collateral Details API	5
2.1.3	Get Valuation Details API.....	6
2.1.4	Get Legal Opinion Details API	7
2.1.5	Get Perfection Details API	8
2.2	External Documents for Oracle Banking Routing Hub Configuration	9

1 About this manual

1.1 Purpose

This guide is to help with Integration of Oracle FLEXCUBE Onboarding with Credit Facility Process Management Module.

1.2 Audience

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

1.3 List of Topics

This guide is organized into the following topics:

Topics	Description
Oracle Banking Credit Facility Process Management Integration	This topic helps you to Integrate Oracle FLEXCUBE Onboarding with Oracle Banking Credit Facility Process Management.

2 Oracle Banking Credit Facility Process Management Integration

2.1 Introduction

You can integrate Oracle FLEXCUBE Onboarding with Oracle Banking Credit Facility Process Management 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 and Oracle Banking Credit Facility Process Management 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 create collateral and use these collaterals for various account open processes.

For the smooth integration, Oracle Banking Credit Facility Process Management has provided the following Rest APIs for Oracle FLEXCUBE Onboarding to consume and utilize in product origination.

- [2.1.1 Collateral Onboarding API](#)
- [2.1.2 Get Collateral Details API](#)
- [2.1.3 Get Valuation Details API](#)
- [2.1.4 Get Legal Opinion Details API](#)
- [2.1.5 Get Perfection Details API](#)

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

2.1.1 Collateral Onboarding API

Collateral Onboarding API allows Oracle FLEXCUBE Onboarding to initiate Onboarding for a new Collateral through Oracle Banking Credit Facility Process Management. This API allows sending new collateral details with respect to the customer to Oracle Banking Credit Facility Process Management Module to onboard. This API allows to onboard a new Collateral for different Origination Processes such as Loan Account Origination Process, Current Overdraft Account Origination Process from Oracle FLEXCUBE Onboarding.

Follow the below steps to initiate Collateral Onboarding for a Customer in Oracle FLEXCUBE Onboarding:

1. Please set “cms.enabled” property to “true” in the Properties table for Collateral to enable Oracle Banking Credit Facility Process Management.
2. Start the origination for Loan Account, Current Overdraft Account from Product Catalogue.
3. Open Collateral Details data-segment screen.
4. Capture all the mandatory fields present.
5. On submission of Application Entry stage, Collateral Onboarding request gets initiated. For Multi Product Origination, it gets initiated on submission of Application Entry stage of the last product.

→ Collateral is now available in Oracle Banking Credit Facility Process Management for further operations

NOTE: The below API is integrated through Oracle Banking Routing Hub.

Below are the details of the API:

Oracle Banking Routing Hub endpoint details	Oracle Banking Credit Facility Process Management endpoint details
API: /cmc-obrh-services/route/dispatch Type: POST Headers: Content-Type: application/json userId: CHANDAN appld: CMNCORE branchCode: 000 entityId: DEFAULTENTITY SERVICE-CONSUMER: RPM_ORIGINATION SERVICE-CONSUMER-SERVICE: Collateral_Onboarding	API: /collateral/collateral-services/service/v1/collateral Type: POST Headers: Content-Type: application/json userId: OBREMO appld: CLLTRL branchCode: 000 externalSystem: OFLO entityId: DEFAULTENTITY Authorization: Bearer eyJhbGciOiJIUzUxMiJ9.e authToken: token



Collateral_Onboarding.txt

NOTE: Refer PDF attachments for downloading the files.

2.1.2 Get Collateral Details API

Get Collateral Details API is used to get the details of Collateral which is on-boarded from Oracle FLEXCUBE Onboarding in Oracle Banking Credit Facility Process Management system.

NOTE: The below API is integrated through Oracle Banking Routing Hub.

Below are the details of the API:

Oracle Banking Routing Hub endpoint details	Oracle Banking Credit Facility Process Management endpoint details
API: /cmc-obrh-services/route/dispatch Type: POST Headers: Content-Type: application/json userId: CHANDAN appld: CMNCORE branchCode: 000 entityId: DEFAULTENTITY SERVICE-CONSUMER: RPM_ORIGINATION SERVICE-CONSUMER-SERVICE: Get_Collateral_Details	API: /collateral/collateral-services/service/v1/collateral/{collateralId} Type: GET Headers: Content-Type: application/json userId: OBREMO appld: CLLTRL branchCode: 000 externalSystem: OFLO entityId: DEFAULTENTITY Authorization: Bearer eyJhbGciOiJIUzUxMiJ9.e authToken: token



Get_Collateral_Details.txt

NOTE: Refer PDF attachments for downloading the files.

2.1.3 Get Valuation Details API

Get Valuation Details API is used to get the details of Collateral Valuation which is valued in Oracle Banking Credit Facility Process Management system.

NOTE: The below API is integrated through Oracle Banking Routing Hub.

Below are the details of the API:

Oracle Banking Routing Hub endpoint details	Oracle Banking Credit Facility Process Management endpoint details
API: /cmc-obrh-services/route/dispatch Type: POST Headers: Content-Type: application/json userId: CHANDAN appld: CMNCORE branchCode: 000 entityId: DEFAULTENTITY SERVICE-CONSUMER: RPM_ORIGINATION SERVICE-CONSUMER-SERVICE: Get_Valuation_Details	API: /collateralsummary/collateral-summary-services/v1/collateralSummary/{collateralId}?applicationNumber={appNo} Type: GET Headers: Content-Type: application/json userId: OBREMO appld: CLLTRL branchCode: 000 externalSystem: OFLO entityId: DEFAULTENTITY Authorization: Bearer eyJhbGciOiJIUzUxMiJ9.e authToken: token



Get_Valuation_Details.txt

NOTE: Refer PDF attachments for downloading the files.

2.1.4 Get Legal Opinion Details API

Get Legal Opinion Details API is used to get the details of Legal Valuation of collateral which is valued in Oracle Banking Credit Facility Process Management system.

NOTE: The below API is integrated through Oracle Banking Routing Hub.

Below are the details of the API:

Oracle Banking Routing Hub endpoint details	Oracle Banking Credit Facility Process Management endpoint details
API: /cmc-obrh-services/route/dispatch Type: POST Headers: Content-Type: application/json userId: CHANDAN appld: CMNCORE branchCode: 000 entityId: DEFAULTENTITY SERVICE-CONSUMER: RPM_ORIGINATION SERVICE-CONSUMER-SERVICE: Get_Legal_Opinion_Details	API: /collateralsummary/collateral-summary-services/v1/collateralSummary/{collateralId}?applicationNumber={appNo} Type: GET Headers: Content-Type: application/json userId: OBREMO appld: CLLTRL branchCode: 000 externalSystem: OFLO entityId: DEFAULTENTITY Authorization: Bearer eyJhbGciOiJIUzUxMiJ9.e authToken: token



Get_Legal_Opinion_Details.txt

NOTE: Refer PDF attachments for downloading the files.

2.1.5 Get Perfection Details API

Get Perfection Details API is used to get the details of collateral registration which is registered using Oracle Banking Credit Facility Process Management system.

NOTE: The below API is integrated through Oracle Banking Routing Hub.

Below are the details of the API:

Oracle Banking Routing Hub endpoint details	Oracle Banking Credit Facility Process Management endpoint details
API: /cmc-obrh-services/route/dispatch Type: POST Headers: Content-Type: application/json userId: CHANDAN appld: CMNCORE branchCode: 000 entityId: DEFAULTENTITY SERVICE-CONSUMER: RPM_ORIGINATION SERVICE-CONSUMER-SERVICE: Get_Perfection_Details	API: /registration/registration-services/web/v1/registration/latest/{collateralId}?applicationNumber={appNo} Type: GET Headers: Content-Type: application/json userId: OBREMO appld: DCRGSN branchCode: 000 externalSystem: OFLO entityId: DEFAULTENTITY Authorization: Bearer eyJhbGciOiJIUzUxMiJ9.e authToken: token



Get_Perfection_Details.txt

NOTE: Refer PDF attachments for downloading the files.

2.2 External Documents for Oracle Banking Routing Hub Configuration

External documents for Oracle Banking Routing Hub Configuration are available in below zip file.



OBRH OBCFPM Configuration.zip

NOTE: Refer PDF attachments for downloading the files.