Corporate Lending - Payments Co-deployed Integration
User Guide

Oracle Banking Corporate Lending
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Corporate Lending - Payments Co-deployed Integration User Guide
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1. Preface

1.1 Introduction

This document is designed to help acquaint you with the integration of Oracle Banking Corporate Lending and Oracle Banking Payments in a co-deployed set up.

Besides this user manual, while maintaining the interface related details, you can invoke the context sensitive help available for each field. This help describes the purpose of each field within a screen. You can obtain this information by placing the cursor on the relevant field and pressing the <F1> key on the keyboard.

1.2 Audience

This manual is intended for the following User/User Roles:

Role	Function
Implementation Partners	Provide customization, configuration and implementation services

1.3 Documentation 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 Organization

This manual is organized into the following chapters:

Chapter	Description
Chapter 1	*Preface* gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Chapter 2	This chapter helps you co-deploy Oracle Banking Corporate Lending and Oracle Banking Payments product in a single instance.
Chapter 3	*Function ID Glossary* has alphabetical listing of Function/Screen ID's used in the module with page references for quick navigation.

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1.5 Acronyms and Abbreviations

Abbreviation	Description
API	Application Programming Interface
FCUBS	Oracle FLEXCUBE Universal Banking
OBCL	Oracle Banking Corporate Lending
OL	Oracle Lending
ROFC	Rest of Oracle FLEXCUBE
System	Unless and otherwise specified, it shall always refer to Oracle FLEX-CUBE Universal Banking Solutions system
WSDL	Web Services Description Language

1.6 Glossary of Icons

This user manual may refer to all or some of the following icons.

Icons	Function
☒	Exit
+	Add row
−	Delete row
ᵱ	Option List

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2. Corporate Lending - Payments Integration in Co-Deployed Setup

This chapter contains the following sections:

2.1 Introduction

You can integrate Oracle Banking Corporate Lending (OBCL) with Oracle Banking Payments product (OBPM). To integrate these two products on co-deployed environment, you need to do specific maintenances in OBCL, Payments, and Common Core.

2.2 Maintenances in OBCL

The integration between Oracle Banking Corporate Lending (OBCL) and Oracle Banking Payments (OBPM) enables you to dispatch the loan disbursement through cross border payment by generating SWIFT MT103 and MT202 messages.

External System Maintenance

You can invoke this screen by typing 'GWDETSYS' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

You need to define an external system for a branch that communicates with the OBCL using integration gateway.

> **Note**
>
> Ensure in OBCL you maintain an active record with all the required fields and 'External System' as "INTBANKING" in 'External System Maintenance' screen.

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For more information external system maintenances, refer to *Common Core - Gateway User Guide*.

Branch Maintenance

You need to create a branch in 'Branch Core Parameter Maintenance' (STDCRBRN) screen.

This screen is used for capturing basic branch details like branch name, branch code, branch address, weekly holiday, and so on.

You can invoke this screen by typing 'STDCRBRN' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

You can specify a host for every branch created. To maintain host for different time zone, refer *Oracle Banking Payments Core* User Manual.

> **Note**
>
> A pair of branches which can transact inter-branch payments, should be maintained under the same host.

Host Parameter Maintenance

You can invoke this screen by typing 'PIDHSTMT' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

> **Note**
>
> In OBCL, ensure you maintain host parameter with an active record with all the required fields and 'OBCL Integration System' as 'INTBANKING' in 'Host Parameter' screen.

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Specify the following details

Host Code

Specify the host code.

Host Description

Specify the brief description for the host.

Accounting System Code

Specify the accounting system code.

Payment System

Specify the payment system.

ELCM System

Specify the ELCM system.

OBCL Integration System
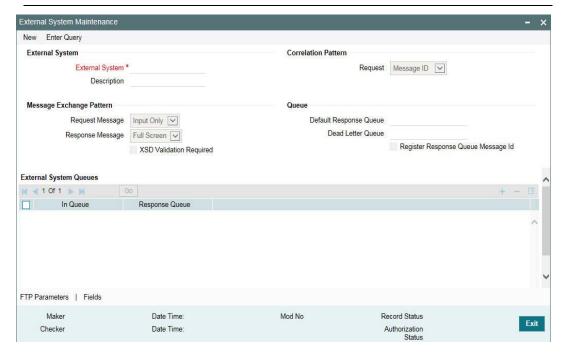
Specify the external system. For example, INTBANKING

Integration Parameters Maintenance

You can invoke this screen by typing 'IFDINPRM' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

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Branch Code

Specify as 'ALL' in case the integration parameters are common for all branches.

Or

Maintain for individual branches.

External System

Specify external system as 'INTBANKING'.

Service Name

Specify service name as 'PMSinglePaymentService'.

Communication Channel

Specify the communication channel as 'Web Service'.

Communication Mode

Specify the communication mode as 'ASYNC'.

WS Service Name

Specify the web service name as 'PMSinglePaymentService'.

WS Endpoint URL

Specify the WSDL of the services as 'Payment Single Payment Service' WSDL link.

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WS User

Maintain the OBPM user with access to all branches and auto authorize facility.

Settlement Instruction Maintenance

Maintain the counter party with all required fields in the 'Settlement Instructions Maintenance' screen (LBDINSTR). For more information on settlement instructions, refer to *Loan Syndication* User Manual.

Inter system Bridge GL

You can invoke this screen by typing 'OLDISBGL' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

> **Note**
>
> Ensure you maintain an active record with all the required fields and 'External System' as 'INTBANKING' in 'Inter-system Bridge GL Maintenance' screen.

External System

Specify the external system name as 'INTBANKING'.

Module Id

Specify the module code as 'OL'.

Transaction Currency

Specify the transaction currency 'ALL' or a specific currency.

Transaction Branch

Specify the transaction branch as 'ALL' or a specific branch.

Product Code

Specify the product code as 'ALL' or a specific product.

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Function

Specify the transaction function ids as 'ALL' or a specific function id.

ISB GL

Specify an Inter System Bridge GL, where credit from OBCL for a loan disbursement is transferred. The same GL need to be maintained in OBPM for further processing.
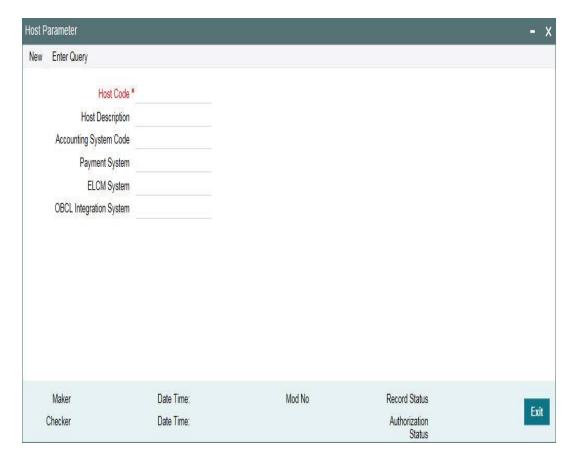
2.3   Maintenances in OBPM

Source Maintenance

You can invoke this screen by typing 'PMDSORCE' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

Note

Ensure you maintain an active record with all the required fields in 'Source Maintenance Detailed' screen.

Source code

Specify the source code as 'INTBANKING'.

Host code

Host code is defaulted automatically based on the branch.

Prefunded Payments Allowed

Select the 'Prefunded Payments Allowed' check box.

Prefunded Payments GL

Specify the Prefunded Payments GL same as the Inter System Bridge GL maintained in OLDISBGL for OBCL.

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Notification Required

Select the 'Notification Required' check box.

External Notification Queue

You can invoke this screen by typing 'PMDEXTNT' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

Note

Ensure you maintain an active record with all the required fields in "External Notification Queue" screen..

Host and Source Code

Specify the source code as 'INTBANKING'. The host code gets defaulted based on source code.

The gateway external system setup to be done for a source code "INTBANKING".

Communication Type

Select the communication type as 'Web Service

Notification System Class

Select the notification system class as 'OFCL'.

WebService URL

For a given Host code and Source code combination, a web service URL need to be maintained with the OL Service (FCUBSOLService) to get a notification call from OBPM to OBCL.

Service

Specify the webservice as 'FCUBSOLService'.

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Source Network Preference

You can invoke this screen by typing 'PMDSORNW' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

Note

Ensure you maintain an active record in 'Source Network Preference Detailed' screen. The preference for various payment networks through which OBCL initiates a payment request needs to be maintained on this screen for the same source codes.

Host and Source Code

Specify the source code as 'INTBANKING'. The host code gets defaulted based on source code.

The gateway external system setup to be done for a source code "INTBANKING".

Network Code

Specify the network code as 'SWIFT'

Network Rule Maintenance

You can invoke this screen by typing 'PMDNWRLE' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

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Note

Ensure you maintain an active record with all required fields in 'Network Rule Detailed' screen to route the OBCL request to the respective network.

For more information about Network Rule maintenance, refer to *Payments Core User Guide*.

ECA System Maintenance

Ensure you create an External Credit Approval Check system (DDA system) in the STDECAMT screen. Provide the required source system where the ECA check happens as indicated in the below screen.
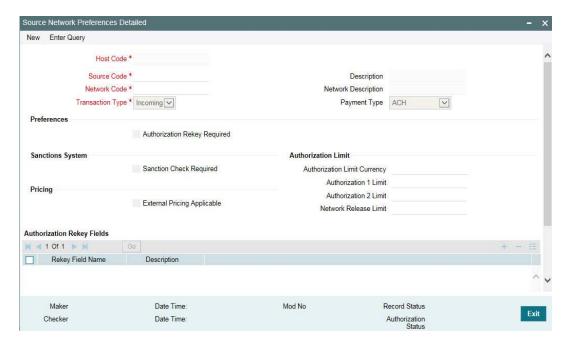
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You can invoke this screen by typing 'PMDECAMT' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

Map the above mentioned ECA system in the 'External Credit Approval System Detailed' screen..

Inqueue JNDI Name

Specify the in queue JNDI Name as 'MDB_QUEUE_RESPONSE'.

Outqueue JNDI Name

Specify the out queue JNDI Name as 'MDB_QUEUE'.

Q Profile

Q Profile need to be maintained as per the MDB Queue created on the App Server. Q Profile need to be with an IP Address where the JMS Queue has been created.

The OBPM system posts the ECA request to DDA system through these MDB queues.
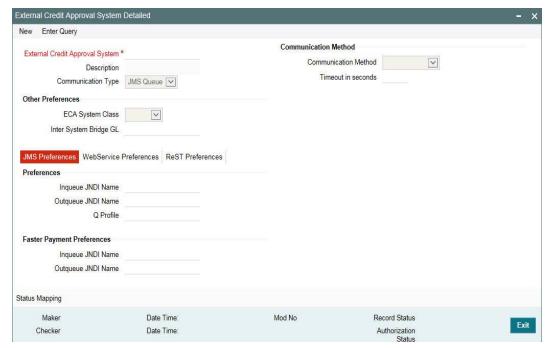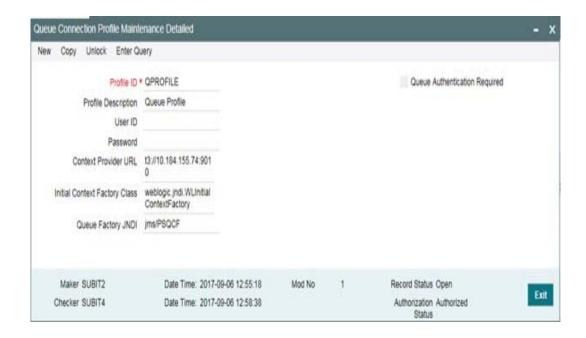
For more information about ECA System maintenance, refer to *Oracle Banking Payments Core User Guide*.

Queue Profile Maintenance

You can invoke this screen by typing 'PMDQPROF' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

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| Queue Connection Profile Maintenance Detailed | | | | | - X |
| New Copy Unlock Enter Query | | | | | |

Profile ID * QPROFILE

Queue Authentication Required

Profile Description Queue Profile

User ID

Password

Context Provider URL t3://10.184.155.74:901
0

Initial Context Factory Class weblogic.jndi.WLInitial
ContextFactory

Queue Factory JNDI jms/PSQCF

| Maker SUBIT2 | Date Time: 2017-09-06 12:55:18 | Mod No | 1 | Record Status Open | Exit |
| Checker SUBIT4 | Date Time: 2017-09-06 12:58:38 | | | Authorization Authorized Status | |

Note

Ensure that you maintain Queue Profile in 'Queue Profile Maintenance' screen.

Profile ID

Specify the Queue Connection profile ID.

Profile Description

Specify the profile description

User ID

Specify the user ID.

Password

Specify the password.

Note

 User ID and password are used for queue authentication. This ensures external system is allowed only to read or view the messages posted in messaging queue.

Context Provider URL

Queue profile requires the context provider URL of the Application Server where the queue created. All other parameters are same as mentioned above.

Note

 OBPM build the ECA request with details and post to MDB_QUEUE. DDA system through GWMDB pulls the gateway request and call internally the ECA block process to create or undo the ECA block. Once the process is completed, the DDA system post the response through gateway infra to MDB_QUEUE_RESPONSE.

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MDB_QUEUE_RESPONSE is configured with a redelivery Queue as jms/ACC_ENTRY_RES_BKP_IN. This Queue is internally pull the response through OBPM MDB to complete ECA processing in OBPM.

Accounting System Maintenance

You can invoke this screen by typing 'PMDACCMT' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

Note

Ensure that you need to maintain the required accounting system in 'External Accounting System Detailed' screen. In addition, maintain Account System Mapping for the Accounting System and Networks (PMDACMAP)

Inqueue JNDI Name

Specify the inqueue JNDI Name as 'MDB_QUEUE_RESPONSE'.

Outqueue JNDI Name

Specify the outqueue JNDI Name as 'MDB_QUEUE'.

Q Profile

Q Profile need to be maintained as per the MDB Queue created on the App Server. Q Profile needs to be with an IP Address where the JMS Queue has been created.

The OBPM system posts the Accounting handoff request through these MDB queues.

Note

OBPM build the Accounting Handoff request with details and post to MDB_QUEUE. Accounting system through GWMDB pulls the gateway request and call internally the External Accounting request. Once the process is completed, the Accounting system posts the response through gateway infra to MDB_QUEUE_RESPONSE.

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MDB_QUEUE_RESPONSE is configured with a redelivery Queue as jms/ ACC_ENTRY_RES_BKP_IN. This Queue internally pull the response through OBPM MDB to complete Accounting Handoff processing in OBPM.

2.4 <u>Common Core Maintenance</u>

The following common core maintenances need to performed for integration.

- Customer Maintenance
  - Create the customers in STDCIFCR.
- Account Maintenance
  - Create the Accounts (CASA / NOSTRO) in STDCRACC
- General Ledger Maintenance
  - Create the General Ledger in STDCRGLM.
- Tansaction code Maintenance
  - Create the Transaction code in STDCRTRN.
- OBPM to use OFCUB Dates
  - Maintain IS_CUSTOM_DATE parameter as 'Y' in cstb_param table. By this, OBPM will use the 'Today' from sttm_dates as the transaction booking date.
- Other Payments Maintenances
  - Refer Oracle Banking Payments Core User Manual, for the other Day 0 maintenances.

For detailed information on above mentioned screens, refer to *Oracle Banking Payments Core User Manual*.

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3. Function ID Glossary

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