

OBPM Integration Setup Guide

# **Oracle Banking Retail and SME Lending Cloud Service**

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Oracle Banking Payments -OBPM Integration Setup Guide  
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# 1. Introduction

## 1.1 About This Manual

This manual is designed to help with Integration for a Co-deployed Set-up of Oracle Banking Payments with Oracle Banking Retail and SME Lending Cloud ServiceService.

## 1.2 Audience

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

Role	Function
Implementation & IT Staff	Implementation & Maintenance of the Software

## 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	Information about this Manual is specified in this section
Chapter 2	This chapter helps you co-deploy Oracle Banking Retail and SME Lending Cloud ServiceService & Oracle Banking Payments product in a single instance

## 1.5 Glossary

This User Manual may refer to the following terms:

Abbreviation	Description
OBRSL	Oracle Banking Retail and SME Lending Cloud Service Service
OBPM	Oracle Banking Payments

## 2. Integration Guide

### 2.1 Introduction

You can integrate Oracle Banking Payments product (OBPM) with Oracle Banking Retail and SME Lending Cloud Service Service product (OBRSL). The specific steps needed on the co-deployed installation of these two products and specific maintenances needed are briefed on this document.

### 2.2 Installation guide

Refer to Installation guide for understanding the property file and installation bat files used for integration between OBRSL and OBPM.

#### Web-logic set-up

##### Deployments:

Following ears to be deployed for the OBRSL Gateway support through JMS:

- GWEJB
- GWMDB

##### Queue Maintenance:

- MDB\_QUEUE
- MDB\_QUEUE\_RESPONSE -with Expiry Policy as Redirect and error destination as jms/ACC\_ENTRY\_RES\_BKP\_IN in Delivery Failure. Keep Redelivery Limit as zero and “Time-to-Live Override” value as 2000.

To set the “Time-to-Live Override” property, navigate to MDB\_QUEUE\_RESPONSE -> Configuration-> Overrides Tab

Home > Summary of JMS Modules > PMSMODULES > MDB\_QUEUE\_RESPONSE

#### Settings for MDB\_QUEUE\_RESPONSE

Configuration Monitoring Control Security Subdeployment Notes

General Thresholds and Quotas **Overrides** Logging Delivery Failure

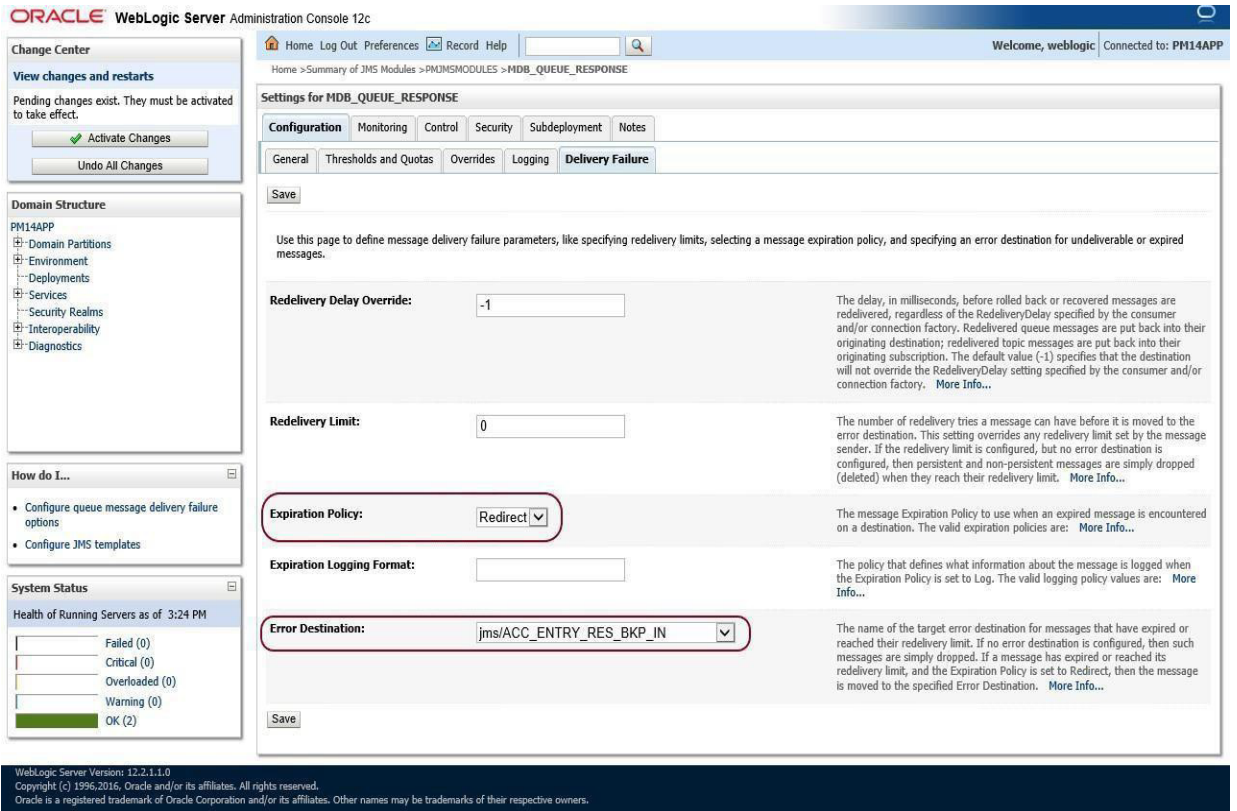
Click the **Lock & Edit** button in the Change Center to modify the settings on this page.

Destinations can override some of the settings (such as priority) that a message producer includes with its messages. Use this page to configure such overrides for this queue.

<b>Priority Override:</b>	<input type="text" value="-1"/>	The priority assigned to all messages that arrive at this destination, regardless of the Priority specified by the message producer. The default value (-1) specifies that the destination will not override the Priority set by the message producer. <a href="#">More Info...</a>
<b>Time-to-Live Override:</b>	<input type="text" value="2000"/>	The time-to-live assigned to all messages that arrive at this destination, regardless of the TimeToLive value specified by the message producer. The default value (-1) specifies that this setting will not override the TimeToLive setting specified by the message producer. <a href="#">More Info...</a>
<b>Time-to-Deliver Override:</b>	<input type="text" value="-1"/>	The default delay, either in milliseconds or as a schedule, between when a message is produced and when it is made visible on its target destination, regardless of the delivery time specified by the producer and/or connection factory. The default value (-1) specifies that the destination will not override the TimeToDeliver setting specified by the producer and/or connection factory. The TimeToDeliver override can be specified either as a long or as a schedule. <a href="#">More Info...</a>
<b>Delivery Mode Override:</b>	<input type="text" value="No-Delivery"/>	The delivery mode assigned to all messages that arrive at the destination regardless of the DeliveryMode specified by the message producer. <a href="#">More Info...</a>

Click the **Lock & Edit** button in the Change Center to modify the settings on this page.

To set the “Error Destination”, “Expiration Policy” and “Redelivery Limit” properties, navigate to MDB\_QUEUE\_RESPONSE Configuration Delivery Failure tab.



### **Maintenance for Gateway:**

#### **GWDEFUN - Gateway External system function maintenance**



Ensure the Gateway setup for following services are maintained in OBRSL for external source system as OBRSL:

Service Name	Operation Code(s)
OBRSLAccService	QueryCustAccVal
OBRSLCAService	CreateEcablk CloseEcablk
OBRSLIFService	CreateExtAccEcaEntries

Source: OBRSL and User: SYSTEM

#### **CODUPLDM - Upload Source Preferences maintenance**



Ensure Upload Source preference setup for following modules are maintained in OBRSL for external source system as OBRSL:

Module	Post Upload Status
IF	Authorized
CA	Authorized


## 2.3 Maintenances to be done in OBRSL.

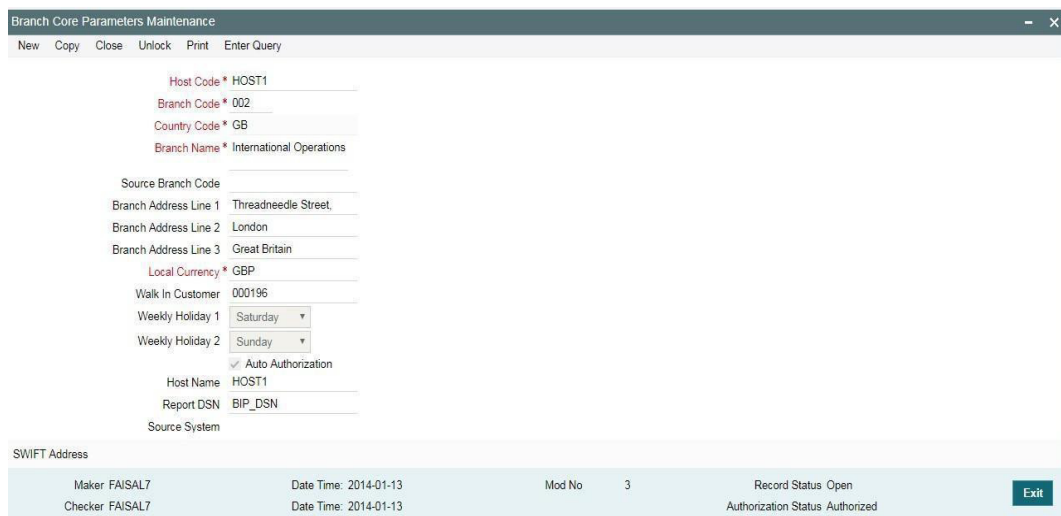
This section describes the specific maintenances, needed in Oracle Banking Retail and SME Lending Cloud Service Service (OBRSL) to install & integrate the same with Oracle Banking Payments (OBPM).

### 2.3.1 Branch Maintenance

Create branch in STDCRBRN screen in OBRSL.

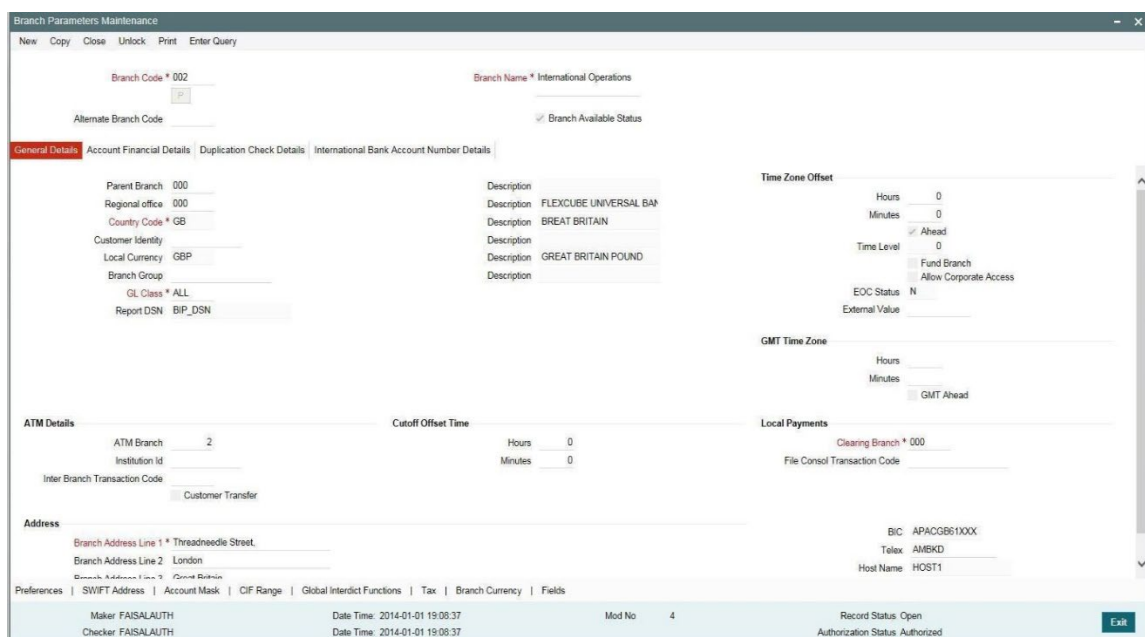
Specify a host for every branch created. (To maintain Host time zone, refer OPBM Payments Core User Manual).

 A pair of branches which could transact inter-branch payments, should be maintained under the same host.



The screenshot shows the 'Branch Core Parameters Maintenance' window. The 'Host Code' is set to 'HOST1'. The 'Branch Code' is '002' and the 'Country Code' is 'GB'. The 'Branch Name' is 'International Operations'. The address is 'Threadneedle Street, London, Great Britain'. The 'Local Currency' is 'GBP'. The 'Walk In Customer' is '000196'. The 'Weekly Holiday 1' is 'Saturday' and 'Weekly Holiday 2' is 'Sunday'. The 'Host Name' is 'HOST1' and the 'Report DSN' is 'BIP\_DSN'. The 'Source System' is blank. The 'SWIFT Address' section is empty. At the bottom, the 'Maker' and 'Checker' are 'FAISAL7', the 'Date Time' is '2014-01-13', the 'Mod No' is '3', and the 'Record Status' is 'Open'. The 'Authorization Status' is 'Authorized'.

In addition, map the branch code created above, in STDBRANC screen, and maintain the branch parameters.



The screenshot shows the 'Branch Parameters Maintenance' window. The 'Branch Code' is '002' and the 'Branch Name' is 'International Operations'. The 'Alternate Branch Code' is blank. The 'Branch Available Status' is checked. The 'General Details' tab is selected. The 'Parent Branch' is '000' and the 'Regional office' is '000'. The 'Country Code' is 'GB'. The 'Local Currency' is 'GBP'. The 'Branch Group' is blank. The 'GL Class' is 'ALL' and the 'Report DSN' is 'BIP\_DSN'. The 'Description' field is populated with 'FLEXCURE UNIVERSAL BA', 'GREAT BRITAIN', and 'GREAT BRITAIN POUND'. The 'Time Zone Offset' is set to 'Hours: 0', 'Minutes: 0', and 'Time Level: 0'. The 'GMT Time Zone' is set to 'Hours: 0', 'Minutes: 0', and 'GMT Ahead' is checked. The 'Local Payments' section is empty. The 'ATM Details' section is empty. The 'Address' section is populated with 'Branch Address Line 1: Threadneedle Street', 'Branch Address Line 2: London', and 'Branch Address Line 3: Great Britain'. The 'BIC' is 'APACGB1XXX', the 'Telex' is 'AMBKD', and the 'Host Name' is 'HOST1'. At the bottom, the 'Maker' and 'Checker' are 'FAISALAUTH', the 'Date Time' is '2014-01-01 19:08:37', the 'Mod No' is '4', and the 'Record Status' is 'Open'. The 'Authorization Status' is 'Authorized'.

## 2.3.2 External Payments System Maintenance

Maintain an active record in External System Maintenance screen (IFDEPSMT) with field external system type as "Payments" for different service codes with all required fields in the detailed section of this screen

- For MT110 - Advice of Cheque(s), maintain the service code as 'GenInstrIssue' with OBPM Instrument Issuance Service details as below:
  - Service Name - PMInstrumentIssueService
  - Operation Code - CreateInstrumentIssue
  - Rest/Web Service User Option - Choose the preferred option
  - Rest/Web Service User - Provide the User to be used in Gateway request.
  - Rest/Web Service URL - Provide the WDSL URL of OBPM Instrument Issuance Service.
  
- For MT111 - Request for Stop Payment of a Cheque, maintain the service code as 'GenInstrStop' with OBPM Instrument stop Service details as below:
  - Service Name - PMInsStopPayService
  - Operation Code - CreateInsStopPay
  - Rest/Web Service User Option - Choose the preferred option
  - Rest/Web Service User - Provide the User to be used in Gateway request
  - Rest/Web Service URL - Provide the WDSL URL of OBPM Instrument Stop Service
  
- For Outgoing Collections - Request for DD Creation, maintain the service code as 'CreateDDOutService' as below:
  - Service Name - PMDDOutService
  - Operation Code - CreateDDOutService
  - Rest/Web Service User Option - Choose the preferred option
  - Rest/Web Service User - Provide the User to be used in Gateway request
  - Rest/Web Service URL - Provide the WDSL URL of OBPM
  
- For CoverMatching, maintain the service code as "GenStmntMessage" with OBPM statement browser Service details as below:
  - Service Name – StatementBrowserService
  - Operation Code - CreateStatementBrowse
  - Rest/Web Service User Option – Choose the preferred option
  - Rest/Web Service User – Provide the User to be used in the Rest request
  - Rest/Web Service URL Service - Provide the WEB Service URL of OBPM Statement Browser Service

External System Maintenance

New Copy Close Unlock Enter Query

External System \* EXTSYS  
 Description External Payment System  
 Inter System Bridge GL \* 261100005  
 Source System \* FCUBS  
 Entity ID \* ENTITY\_ID1

External System Type \* Payments

Read Time Out (In Seconds) 70  
 Connection Time Out (In Seconds) 50  
 Archival Days 3  
 Retry Count 3

1 Of 1 Go

Service Code	Service Name	Operation Code	Rest/Web Service User Option	Rest/Web Service User
<input type="checkbox"/> CreateDDOutService	PMDDOutService	CreateDDOutService	Contract User	ROHINI01
<input type="checkbox"/> GenInstrIssue	PMInstrumentIssueService	CreateInstrumentIssue	Predefined User	RAMYA03
<input type="checkbox"/> Generate Instrument Stop	PMInsStopPayService	CreateInsStopPay	Predefined User	RAMYA03
<input checked="" type="checkbox"/> GenPayMessage	PMSinglePaymentService	CreateSinglePayment	Contract User	RAVIS2
<input type="checkbox"/> GenStmtMessage	StatementBrowserService	CreateStatementBrowse	Contract User	PKHUSER1

Maker NAG002 Date Time: 2019-03-22 08:50:14 Mod No 13 Record Status Open  
 Checker NAG002 Date Time: 2019-03-22 08:50:14 Authorization Authorized Status

Exit

### 2.3.3 External System Functions Maintenance

- Maintain the gateway preferences for the below Source codes for the service name “OBRSLEPSService” with operation code “CreateEPSNotification” to receive the notifications from OBPM
  - OBRSCLL
  - OBRSLRT
  - OBRSLTD

For all OBRSL corporate modules where outgoing payment is initiated, the source code will be “OBRSL <Module-ID>”. For example, the source code for FX module will be “OBRSLFX”

- Maintain the gateway preferences for the below Source codes for the service name “PMDDOutService” with operation code “CreateDDOutService” to receive the notifications from OBPM
  - OBRSCLL

External System Functions

New Copy Close Print Enter Query

External System \* FCUBSCL  
 Function \* IFGEPSNO  
 Action \* NEW

Description Notif Test  
 Bulk SMS Check

Service Name FCUBSEPSService  
 Operation Code CreateEPSNotification

---

Fields

Maker RAMYA_A	Date Time: 2018-03-16 18:30:26	Mod No	1	Record Status Open
Checker RAMYA_A	Date Time: 2018-03-16 18:30:26			Authorization Authorized Status

**Exit**

### 2.3.4 Upload Source Preference Maintenance

In Upload Source Preference Maintenance screen (CODUPLDM), Post Upload Status field value should be selected as "Authorized".

Upload Source Preferences Maintenance

New Copy Close Unlock Print Enter Query

Source Code \* FCUBSCL  
 Module Code \* IF

**Error Handling**

On Error \*   
 On Override \*   
 On Repairable Exception   
 On Queue Exception

**Post Upload**

Status \*   
 Purge Days  
 Allow Deferred Processing  
 Allow EOD with Deferred  
 Deletion Allowed

---

Function ID Preference

Maker RAMYA_A	Date Time: 2014-05-20 17:53:03	Mod No	1	Record Status Open
Checker RAMYA_A	Date Time: 2014-05-20 17:53:03			Authorization Authorized Status

**Exit**



Below are the scheduler jobs configured for the integration. Make sure that these jobs are running.

- ✓ EPSGENPAYMENT - Scheduler job for processing Payment request
- ✓ EPS\_NOTIFICATION - Scheduler job for processing OBPM notifications
- ✓ EPSSTATEMENTPROCESS- Scheduler job for processing Cover Matching

Make sure that the below ADF file is executed in the database schema.

This file contains the JSON template for the OBPM Single Payment Service

- ✓ GenPayMessage.ADF

## 2.3.5 BIC Maintenance

Upload BIC directory & ensure that the same are listed at ISDBICDE, which OBRSL will use, to transact payments.

## 2.3.6 Other Common Maintenances

Refer OBRSL Core User Manual, for the other Day0 maintenances to be done in OBRSL.

## 2.4 Maintenances to be done in OBPM

This section describes the specific maintenances needed in Oracle Banking Payments (OBPM) to install & integrate the same with Oracle Banking Retail and SME Lending Cloud Service(OBRSL).

### 2.4.1 Source Maintenance

Maintain the Source code with which OBRSL will handoff payment requests at PMDSORCE- Source maintenance screen.

The screenshot displays the 'Source Maintenance Detailed' window. At the top, there are menu options: New, Copy, Close, Unlock, Print, and Enter Query. The main form contains the following fields and sections:

- Source Code:** FCUBSTD
- Host Code:** LIEGE
- Description:** FCUBS TD
- Source Type:** Upload
- MIS Group:** (empty)
- UDF Group:** (empty)
- Prefunded Payments:**  Prefunded Payments Allowed. Prefunded Payments GL: 261377771
- Duplicate Check Fields:** Duplicate Check Period in Days: 0
- Other Preferences:**
  - SSI Handling: Not Required
  - Notification Required
  - Validate Debit Authority
  - Incoming SWIFT
  - Intermediary Credit GL:  Inbound credit to GL
  - PSD Applicable
- Auto Queue Preferences:** System Action: Auto roll-over

At the bottom, the status bar shows: Maker DEEPIKA19, Checker DEEPIKA19, Date Time: 2018-05-01 12:47:38, Mod No 6, Record Status Open, Authorization Status Authorized, and an Exit button.

Following are the source codes OBRSL uses to initiate payment request:

- OBRSLCL
- OBRSLRT
- OBRSLTD

For all OBRSL corporate modules where outgoing payment is initiated, the source code will be "OBRSL<Module-ID>". For example, the source code for FX module will be "OBRSLFX".

Each record maintained in Source Maintenance Detailed screen (PMDSORCE) should have the below preferences:

- Prefunded Payments GL should match Inter System Bridge GL maintained in External Payment System Maintenance screen (IFDEPSMT) of OBRSL.
- To initiate a payment for Loan disbursement / Deposit maturity etc. OBRSL will credit the funds in an intersystem bridge GL. This is needs to be maintained as Prefunded GL in OBPM.



This GL should be maintained in OBRSL & replicated to OBPM.

## 2.4.2 Source Network Preference Maintenance

Maintain the OBRSL Source specific preferences for each network at PMDSORNW screen.

Source Network Preferences Detailed

New Copy Close Unlock Print Enter Query

Host Code \* LIEGE  
Source Code \* FCUBSRT  
Network Code \* SWIFT  
Transaction Type \* Outgoing

Description FCUBS RT  
Network Description Cross Border  
Payment Type Cross Border

Preferences  
 Authorization Rekey Required

Sanctions System  
 Sanction Check Required

Pricing  
 External Pricing Applicable

Authorization Limit  
Authorization Limit Currency  
Authorization 1 Limit  
Authorization 2 Limit  
Network Release Limit

Authorization Rekey Fields  
1 Of 1  
Rekey Field Name Description

Maker FCUSER1 Date Time: 2014-01-01 23:26:09 Mod No 1 Record Status Open  
Checker FCUSER1 Date Time: 2014-01-01 23:26:09 Authorization Status Authorized Exit

The preference for various payment networks via which OBRSL will initiate a payment request needs to be maintained on this screen for the same Source codes as in the previous Section.

## 2.4.3 Network Rule maintenance

OBPM should maintain appropriate Network Rule maintenance (PMDNWRLE) to route the OBRSL request to the respective network.

- Based on the Payment type, OBRSL system will send one of the values (LCL, SWIFT, RTGS) in Service Level Proprietary field, which further will be used to build the network rules,
  - LCL - Local clearing payments
  - SWIFT - SWIFT Payment messages
  - RTGS - RTGS Payment messages

Network Rule Detailed

New Copy Close Unlock Print Enter Query

Host Code \* LIEGE Channel Type \* Single Payment

Rule Name *	Rule Expression	Network Code *
<input checked="" type="checkbox"/> ACH	ValueOf { 'SERVICE_LEVEL' } EQUAL 'LCL'	ACH
<input type="checkbox"/> BOOK	ValueOf { 'SERVICE_LEVEL' } EQUAL 'BOOK'	BOOK
<input type="checkbox"/> RTGS	ValueOf { 'SERVICE_LEVEL' } EQUAL 'RTGS'	RTGS
<input type="checkbox"/> SWIFT	ValueOf { 'SERVICE_LEVEL' } EQUAL 'SWIFT'	SWIFT
<input type="checkbox"/> STEP2	ValueOf { 'SERVICE_LEVEL' } EQUAL 'SEPA'	STEP2

Expression Details

Scope	LOP Operand	Operator	ROP Type	ROP Data Type	ROP Operand
	SERVICE_LEVEL	Equal To	Constant	String	LCL

Maker DEEPIKA19 Date Time: 2014-01-01 00:50:09 Mod No 3 Record Status Open  
 Checker DEEPIKA19 Date Time: 2014-01-01 00:50:09 Authorization Authorized Status

Exit

## 2.4.4 Notification maintenance

Maintain the OBRSL Source specific notification preferences for each network at PMDXTNT screen.

External Notification Queue Detailed

New Copy Close Unlock Print Enter Query

Host Code \* LIEGE Communication Type Web Service  
 Source Code \* FCUBSTD Timeout in Seconds  
 Notification System Class FCUBS


JMS Preferences  
 Outqueue JNDI Name Q Profile

WebService Preferences  
 Webservice URL http://10.184.158.19:7843/FCUBSEPPSService/FCUBSEPPSService Service FCUBSEPPSService

ReST Preferences  
 ReST URL

Maker FCUSER4 Date Time: 2018-04-27 12:36:04 Mod No 1 Record Status Open  
 Checker FCUSER4 Date Time: 2018-04-27 12:36:04 Authorization Status Authorized

Exit

 The notification is a call from OBPM to the OBRSL Webservice – OBRSEPPSService that needs to be deployed. The gateway external system setup is required to be done for source code mentioned in the above screen shot. It is important to give the Notification System class as OBRSL and communication mode as Web Service.

## 2.4.5 External System Functions Maintenance

1. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External Payment System Maintenance screen (IFDEPSMT) in OBRSL, for the service names “PMInstrumentIssueService” and “PMInsStopPayService” with their respective operation codes.

External System Functions

Enter Query

External System \* FCUBS

Function \* PIDINSIS

Action \* NEW

Service Name PMInstrumentIssueService

Operation Code CreateInstrumentIssue

Fields

Maker RAMYA03	Date Time: 2018-03-22 08:19:19	Mod No 1	Record Status Open	Exit
Checker RAMYA03	Date Time: 2018-03-22 08:19:19		Authorization Authorized Status	

- The service names "OBRSLDDServices" and "Create Transaction" with their respective operation codes.

External System Functions

New Copy Close Print Enter Query

External System \* FCUBS

Function \* DDGONONL

Action \* NEW

Service Name FCUBSDDService

Operation Code CreateTransaction

Description FCUBS

Bulk SMS Check

Fields

Maker RAMYA03	Date Time: 2018-03-22 08:34:24	Mod No 1	Record Status Open	Exit
Checker RAMYA03	Date Time: 2018-03-22 08:34:24		Authorization Authorized Status	

## 2.4.6 ECA System Maintenance

Create External Credit Approval Check system as 'OBRSL' in STDECAMT screen.

Map the ECA system 'OBRSL' in the PMDECAMT.

Maintain the In queue JNDI Name as MDB\_QUEUE\_RESPONSE, Outqueue JNDI Name as MDB\_QUEUE & Q Profile – as per the MDB Queue created on the App Server as in Section 2.2. Q Profile should be the IP Address where the JMS Queue has been created. The OBPM System will post the ECA request to UBS via these MDB queues. Maintain Queue Profile in

'PMDQPROF'

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

**STOP** OBPM build the ECA request with details mentioned in section 2.2 and post to MDB\_QUEUE. OBRSL via GW MDB pulls the gateway request and call internally the ECA block process to create or undo the ECA block. Once the process is completed, the OBRSL post the response via gateway infra to MDB\_QUEUE\_RESPONSE.

MDB\_QUEUE\_RESPONSE is configured with a redelivery Queue as jms/ACC\_ENTRY\_RES\_BKP\_IN mentioned in section 2.2. This Queue internally pulls the response via OBPM MDB to complete ECA processing in OBPM.

Following are the Services and Operations used by OBPM to post in to OBRSL

- OBRSLAccService – QueryCustAccVal (Operation)
- OBRSLCAservice – CreateEcablk, CloseEcablk (Operation)

## 2.4.7 Accounting System Maintenance

Maintain the accounting system as 'OBRSL' in PMDACMNT.

External Accounting System Detailed

New Copy Close Unlock Print Enter Query

External Accounting System \* FCUBS Description \* External accounting handoff interface

Preferences

Outqueue JNDI Name MDB\_QUEUE

Inqueue JNDI Name MDB\_QUEUE\_RESPONSE

Q Profile

Maker: DEEPIKA19 Date Time: 2017-11-06 14:21:22 Mod No: 4 Record Status: Open

Checker: DEEPIKA19 Date Time: 2017-11-06 14:21:22 Authorization Status: Authorized

Exit

Maintain the In queue JNDI Name as MDB\_QUEUE\_RESPONSE, Outqueue JNDI Name as MDB\_QUEUE & Q Profile (refer section 2.4.5). The OBPM system will post the Accounting handoff request to OBRSL via these MDB queues.

Maintain Account System Mapping for the Accounting System and Networks (PMDACMAP)

Accounting System Mapping

New Copy Close Unlock Print Enter Query

Host Code \* FINLAND Default External Accounting System Code FCUBS


Network Specific Maintenance

1 Of 1 Go

Network Code *	External Accounting System Code
<input checked="" type="checkbox"/> SWIFT	FCUBS

Maker SUBIT4 Date Time: 2017-09-06 15:02:43 Mod No 2 Record Status Open  
 Checker SUBIT4 Date Time: 2017-09-06 15:02:43 Authorization Authorized Status

Exit

 OBPM build the Accounting Handoff request with details mentioned in section 2.2 and post to MDB\_QUEUE. OBRSL via GW MDB pulls the gateway request and calls internally the External Accounting request. Once the process is completed, OBRSL posts the response via gateway infra to MDB\_QUEUE\_RESPONSE.

MDB\_QUEUE\_RESPONSE is configured with a redelivery Queue as jms/ACC\_ENTRY\_RES\_BKP\_IN mentioned in section 2.2. This Queue internally pulls the response via OBPM MDB to complete Accounting Handoff processing in OBPM.

Following is the Service and Operation used by OBPM to post in to OBRSL:

OBRSLIFService - CreateExtAccEcaEntries(Operation)

## 2.4.8 Customer Maintenance

Create the customers in OBRSL system, which will be automatically replicated and displayed at STDCIFCR in OBPM.

Creation of CIF, its amendments, closure & re-open status will get auto replicated to OBPM, with the latest data.

## 2.4.9 Account Maintenance

Create the accounts (Normal / Nostro type) in OBRSL system which will be automatically replicated and displayed at STDCRACC in OBPM.

Creation of accounts, its amendments, closure & re-open status will get auto replicated to OBPM with the latest data.

## 2.4.10 General Ledger Maintenance

Create the General Ledger in OBRSL system which will be automatically replicated and displayed at STDCRGLM in OBPM.

Creation of General Ledgers, its amendments, closure & re-open status will get auto replicated to OBPM with the latest data.

### 2.4.11 Transaction code Maintenance

Create the transaction code in OBRSL system which will be automatically replicated and displayed at STDCRTRN in OBPM.

Creation of transaction codes, its amendments, closure & re-open status will get auto replicated to OBPM with the latest data.

### 2.4.12 OBPM to use OBRSL 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.

This parameter value should be modified to N in Production environment.

### 2.4.13 Other Payments Maintenances

Refer OPBM Payments Core User Manual, for the other Day 0 maintenances to be done.

## 2.5 FAQ's

This section describes the FAQ's for the scenarios noticed on accounting handoff between Oracle Banking Payments & Oracle Banking Retail and SME Lending Cloud ServiceServicesystems, on the Co-deployed set-up.

#### 1. Accounting handoff is in Pending status:

OBPM isn't able to post the accounting entries to UBS accounting jms queue. If in the PM debugs, shows failed to initialize jndi factory, check the following in PMSSYSMPM – System parameters:

- PM.CTX.FACTORY - weblogic.jndi.WLInitialContextFactory
  - PM\_CTX\_PROVIDER – Provider URL\*\* of the app server
- a. (\*\* Provider URL will be the http URL of the app URL. E.g.: if Application URL is https://hostname:9011/FCJNeoWeb/ , then provider URL will be t3://hostname:9010)
  - b. In PMDQPROF screen – Q profile – Specify the correct Initial factory & provider URL (same as above). QCF should be MDBQCF. Ensure this MBDQCF is configured in WebLogic.
  - c. Update the Provider URL in Pmtm\_job\_param & pmtm\_system\_parameters tables.
  - d. Do restart the application after the above changes.

#### 2. Accounting handoff is in Requested status:

The accounting is passed successfully by OBPM, but response from UBS system is not received yet.

- a. Check the MDB settings as indicated above & MDB gateway log.
- b. Check gwtm\_in\_log & gwtm\_out\_log tables for the exception details & message CLOB. The correlation ID in the accounting request XML of the transaction will be key between the two systems.

**3. Accounting handoff is in Rejected status:**

Accounting entries handed off by OBPM has been rejected by UBS.

- a. In OBPM application front end, go to the view transaction (PXDOVIEW / PBDOVIEW/ PADOVIEW), query the transaction. Click on View Q action. In Queue action log the sub screen, selecting the Accounting Response row, Click View response. Check the error & take corrective action as below:
- b. If error is “No data found for source combination” → Maintain in GWDETFUN a record for source code OBRSL & CreateExtAccEcaEntries (NEW) combination.
- c. If error is “User doesn’t have rights to perform operation” → Maintain in SMDUSRDF, for SYSTEM user, add roles for the respective branch.
- d. Additionally, ensure the below maintenance are done:
  - i. Maintain Source as OBRSL in CODSORCE
  - ii. Maintain Source Preference for OBRSL Source and IF Module in CODUPLDM
  - iii. Set Correlation pattern in GWDETSYS as Correlation ID. Not Message ID.

**Relevant debugs to be analyzed:**

MDB\_Kernel11.1\_gwlog \_<Date>.log : GW MDB Log  
SYSTEM<Branchcode>: Db Dbg