

Co-deployed Setup User Guide

Oracle Banking Trade Finance

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Oracle Banking Payments Co-deployed Setup User 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 Trade Finance with Oracle Banking Payments

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 Trade Finance & Oracle Banking Payments product in a single instance.

1.5. Glossary

This User Manual may refer to the following terms:

Abbreviation	Description
OBTF	Oracle Banking Trade Finance
OBPM	Oracle Banking Payments
WSDL	Web Services Description Language

2.Trade Finance - Payments Integration in Co-Deployed Setup

2.1. Introduction

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

2.2. Maintenances to be done in OBTF

This section describes the specific maintenances, needed in Oracle Banking Trade Finance (OBTF) to integrate the same with Oracle Banking Payments (OBPM).

2.2.1 Trade Finance External System Maintenance

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

- For outgoing payments, maintain the service code as "GenPayMessage" with Single Payment Service details as below:
 - Service Name – PMSinglePayOutService
 - Operation Code – CreateSinglePayment
 - Rest/Web Service User Option - Choose the preferred option
 - Rest/Web Service User – Provide the User to be used in Rest request
 - Rest/Web Service URL Service – Provide the Rest API URL of Single Payment Service
- For Receive Notice, maintain the service code as 'GenRecvNotice' with Inbound Cross Border Payments service details as below:
 - Service Name - PMXborderInService
 - Operation Code - CreateXborderIn
 - Rest/Web Service User Option - Choose the preferred option
 - Rest/Web Service User - Provide the User to be used in Rest request
 - Rest/Web Service URL Service - Provide the Rest API URL of Inbound Cross Border Payments service

Trade Finance External System Maintenance

New Copy Close Unlock Enter Query

External System * OBPM
 Description External Payment Syste
 Inter System Bridge GL * 261100005
 Source System * OBTF
 Entity ID * ENTITY_ID1

External System Type * Payments
 Read Time Out (In Seconds) 70
 Connection Time Out (In Seconds) 50
 Archival Days 3

1 Of 1 Go

Service Code	Service Name	Operation Code	Rest/Web Service User Option	Rest/Web Service User
<input type="checkbox"/> GenPayMessage	PMSinglePayOutService	CreateSinglePayment	Contract User	http://whf00b
<input checked="" type="checkbox"/> GenRecvNotice	PMXborderInService	CreateXborderIn	Contract User	http://whf00b

Maker ADMINUSER2 Date Time: 2020-03-16 03:48:04 Mod No 6 Record Status Open
 Checker ADMINUSER2 Date Time: 2020-03-16 03:48:04 Authorization Authorized Status

Exit

2.2.2 External System Functions Maintenance

1. Maintain the External System Functions (GWDEFUN) for the below Source codes for the service name "OBTFEPSService" with operation code "CreateTFEPSNotif" to receive the notifications from OBPM.
 - a. For all OBTF modules where outgoing payment or receive notice is initiated, the source code will be "OBTF<Module-ID>". For example, the source code for BC module will be "OBTFBC"

External System Functions

New Copy Close Print Enter Query

External System * OBTFBC
 Function * IFGTFPNO
 Action * NEW
 Service Name OBTFEPSService
 Operation Code CreateTFEPSNotif

Description OBTFBC
 Bulk SMS Check

Fields

Maker SOMESH1 Date Time: 2019-11-22 14:31:23 Mod No 1 Record Status Open
 Checker SOMESH2 Date Time: 2019-11-22 14:32:15 Authorization Authorized Status

Exit

2.2.3 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 * OBTFCB
Module Code * IF

Error Handling

On Error * Reject
On Override * Ignore
On Repairable Exception Reject
On Queue Exception Reject

Post Upload

Status * Authorized
Purge Days
☐ Allow Deferred Processing
☐ Allow EOD with Deferred
☐ Deletion Allowed

Function Id Preferences

Maker SOMESH1	Date Time: 2019-11-22 14:36:10	Mod No 1	Record Status Open
Checker SOMESH2	Date Time: 2019-11-22 14:39:37	Authorization Authorized	Status

Exit



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

- TFEPSGENPAYMENT - Scheduler job for processing Payment request
- TFEPS_NOTIFICATION - Scheduler job for processing OBPM notifications

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

- TFGenPayMessage.ADF

2.2.4 BIC Maintenance

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

2.2.5 Other Common Maintenances

Refer Core Services User Manual, for the other Day 0 maintenances to be done for OBTF.

2.3. Maintenances to done in OBPM

This section describes the specific maintenances needed in Oracle Banking Payments (OBPM) to integrate the same with Oracle Banking Trade Finance (OBTF).

2.3.1. Source Maintenance

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

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

For all OBTF modules where outgoing payment or receive notice is initiated, the source code will be "OBTF<Module-ID>". For example, the source code for BC module will be "OBTFBC".

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

- Prefunded Payments GL or Intermediary Credit GL should match Inter System Bridge GL maintained in Trade Finance External System Maintenance screen (IFDTFEPM) of OBTF.



This Inter System Bridge GL should be available for both OBTF & OBPM.

2.3.2. Source Network Preference Maintenance

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

The screenshot shows the 'Source Network Preferences Detailed' window. At the top, there is a menu bar with 'New', 'Copy', 'Close', 'Unlock', 'Print', and 'Enter Query'. Below the menu, the form is divided into several sections. The top section contains fields for 'Host Code' (LIEGE), 'Source Code' (FCUBSR), 'Network Code' (SWIFT), and 'Transaction Type' (Outgoing). To the right, there are fields for 'Description' (FCUBS RT), 'Network Description' (Cross Border), and 'Payment Type' (Cross Border). Below these are three sections: 'Preferences' with a checkbox for 'Authorization Rekey Required', 'Sanctions System' with a checkbox for 'Sanction Check Required', and 'Pricing' with a checkbox for 'External Pricing Applicable'. To the right of these are 'Authorization Limit' fields: 'Authorization Limit Currency', 'Authorization 1 Limit', 'Authorization 2 Limit', and 'Network Release Limit'. At the bottom, there is a table for 'Authorization Rekey Fields' with columns 'Rekey Field Name' and 'Description'. The table is currently empty. At the very bottom, there is a status bar with fields for 'Maker' (FCUSER1), 'Checker' (FCUSER1), 'Date Time' (2014-01-01 23:26:09), 'Mod No' (1), 'Record Status' (Open), and 'Authorization Status' (Authorized). An 'Exit' button is located on the right side of the status bar.

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

2.3.3. Network Rule maintenance

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

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

ion	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

2.3.4. Notification maintenance

Maintain the OBTF Source specific notification preferences for each network at PMDEXTNT screen.

External Notification Queue Detailed

New Copy Close Unlock Print Enter Query

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

JMS Preferences
 Outqueue JNDI Name Q Profile

WebService Preferences
 WebService URL http://10.184.158.19:7843/FCUBSEPSService/FCUBSEPSService Service FCUBSEPSService

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

STOP The notification is a call from OBPM to the OBTF Webservice – OBTFEPSService 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 OBTF and communication mode as Web Service.

2.4. Common Core Maintenance

The following common core maintenances need to perform 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.
- Transaction 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.