

OBEDX-OBPM Integration Guide
Oracle Banking Electronic Data Exchange for Corporates
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OBEDX-OBPM Integration Guide

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1. About this Manual

1.1 Purpose

This guide is to help with Integration of Oracle Banking Electronic Data Exchange for Corporates with Oracle Banking Payments.

1.2 Audience

This guide is primarily intended for the following user/user roles:

Role	Function
Implementation and IT Staff	Implementation and maintenance of the software

1.3 List of Chapters

Chapters	Description
Chapter 1	Provides information on the intended audience. It also lists the various chapters covered in this manual.
Chapter 2	This chapter helps you to Integrate Oracle Banking Electronic Data Exchange for Corporates with Oracle Banking Payments.

1.4 Acronym & Abbreviation

Following are some of the acronyms and abbreviations you are likely to find in the manual:

Abbreviation	Description
OBEDX	Oracle Banking Electronic Data Exchange for Corporates
OBPM	Oracle Banking Payments Management

2. Integration Guide

2.1 Introduction

You can integrate Oracle Banking Electronic Data Exchange for Corporates with Oracle Banking Payments. This document briefs you about the specific steps needed for Integration of these two products and specific maintenances.

2.2 Maintenance in OBEDX

This section describes the specific maintenances needed for Oracle Banking Electronic Data Exchange for Corporates to integrate the same with Oracle Banking Payments.

1. Maintain the valid entries in OBEDX_TM_MNT_PP_PREF table in OBEDX for the record having TRANSACTION_NAME as Payments.

Field Name	Description
HOST	IP of the OBPM machine from where we can read & place files for processing. e.g., 100.76.138.209
PORT	Port of the OBPM machine from where we can read & place files for processing. e.g., 7055
RESOURCE_NAME	Web-Service name that is called on the specified Host & Port. e.g., /PMReST/obpmrest/payments/fileenvelopeupload
BRANCH	Mention the branch code to be used for integration. e.g., 006
USERNAME	Username for accessing OBPM shared folder for uploading pain.001.001.06 files & receiving processed pain.002.001.06 files.
FU_PSWRD	Encrypted Password for accessing OBPM shared folder same as above.
RESPONSE_FILE_PATH	OBPM machine path where the HANDOFF response files are stored.

	e.g., /scratch/work_area/DEV/PMSWCD145/DISPATCH/completed
HOST CODE	The country/region in which transaction is to be performed. e.g., HOST1
SOURCE CODE	It is the originating point of a transaction. e.g., INTBANKING
OBPM_FTP_FILE_PATH	OBPM machine path where the HANDOFF files generated by OBEDX are placed. e.g., /scratch/work_area/DEV/PMSWCD145/FileEnvelope/ready/
FTP_PORT	Port using which files are placed on OBPM machine. e.g., 22

2. Reopen 'EDXOutgoingInternal' & 'EDXIncomingInternal' channels in Channel Maintenance and update the 'Folder Path' field. The folder path given should be created in the Network area.

Note: 'EDXOutgoingInternal' & 'EDXIncomingInternal' channels are created as a part of Day0 setup and should not be deleted as they are used for the integration between OBEDX and OBPM.

3. Handoff file to OBPM is sent in pain.001.001.06 format & response file is received in pain.002.001.06 format, hence 2 Formats Identifiers 'PAIN001V6' of type Handoff & 'PAIN002V6' of type Handoff Response is created as a part of Day0 setup and is advised not to delete/modify them.
4. Handoff files to OBPM are sent in a specific file naming convention, hence 'EdxHandoffPayments' filename template is created as a part of Day0 and is advised not to delete/modify.

Note: Details of pre-configured 'EdxHandoffPayments' file name template is as follows –

Field Name	Description
Free Field 1	Rename Field- HandoffName Constant Value - EDX
Format Identifier	Alphanumeric with Special Char
Transaction Name	Alphanumeric with Special Char
Free Field 2	Rename Field- Response Constant

	Constant Value - PAIN002V6
Date and Timestamp	DDMMYYHHMMSS
File Extension	xml

5. Response files from OBPM are received in a specific file naming convention, hence 'PaymentsHandoffResponse' filename template is created as a part of Day0 and is advised not to delete.

Note: Details of pre-configured 'EdxHandoffPayments' file name template is as follows –

Field Name	Description
Free Field 1	Rename Field- HandoffName Constant Value - EDX
Free Field 2	Rename Field- HandOffConstant Constant Value - PAIN001V6
Transaction Name	Alphanumeric with Special Char
Format Identifier	Alphanumeric with Special Char
Free Field 3	Rename Field- Timestamp Alphanumeric with Special Char
File Extension	XML

6. 3 Preconfigured Correlation rules for Payments are provided as a part of Day0 and is advised not to delete/modify.

FileLevelCorrelationRule is created at File Level on Message Id.

BatchLevelCorrelationRule is created at Batch Level on Payment Info Id.

RecordLevelCorrelationRule is created at Record Level on Transaction Reference Number.

2.3 Maintenance in OBPM

Below maintenances need to be maintained in OBPM in Day0 to integrate with OBEDX.

1. Maintenance for Pain 002 file name definition, Folder Path and Pain.002 file execution periodicity (in minutes) can be maintained in Batch Validation Maintenance & pain.002 preferences (PMDBTVAL).

SRKADAM4 - HEL - HEL - 000 - Oracle Financial Services - ENG - Transaction Input - Mozilla Firefox

https://100.76.138.209:7056/FC/NeoWeb/SMMDIFRM.jsp

ORACLE® Multi Factor Not Authenticated Entity: ENTITY_ID1 Branch: HEL 2021-12-10 Window Shalendra Kadam4 PMDBTVAL

Home Interactions Preferences

Batch Validations Maintenance

New Copy Close Unlock Print Enter Query

Host Code * HOST1

Origination File Type * Credit

Back Value Allowed Limit Days 0

Batch Duplicate Check Fields

Field Name	Field Description

pain.002 Preferences | Pricing Preferences

Maker SRKADAM4 Date Time: 2021-11-29 15:55:54 Mod No 5 Record Status Open

Checker SRKADAM4 Date Time: 2021-11-29 15:55:54 Authorization Authorized Status

Exit

SRKADAM4 - HEL - HEL - 000 - Oracle Financial Services - ENG - Transaction Input - Mozilla Firefox

https://100.76.138.209:7056/FC/NeoWeb/SMMDIFRM.jsp

ORACLE® Multi Factor Not Authenticated Entity: ENTITY_ID1 Branch: HEL 2021-12-10 Window Shalendra Kadam4 PMDBTVAL

Home Interactions Preferences

Batch Validations Maintenance

pain.002 Generation Preferences

Host Code HOST1 Origination File Type Credit

pain.002 Preferences

Folder Path /scratch/work_area/DEV/PMSWCD145/

File Name Definition <FILE_NAME_PAIN001> <DATE_PAIN002> <TIME_PAIN002>

Pain.002 generation periodicity (in Minutes) 10

Ok Exit Open Authorized Exit

- Parameter maintenance of Pain.002 such as XSD version, folder path, etc can be maintained in File Parameters Detailed Screen (PMDFLPRM).

SRKADAM4 - HEL - HEL - 000 - Oracle Financial Services - ENG - Transaction Input - Mozilla Firefox

Multi Factor Not Authenticated Entity: ENTITY_ID1 Branch: HEL 2021-12-10 Window Shalendra Kadam4 PMDFLPRM

File Parameters Detailed

New Copy Close Unlock Print Enter Query

Host Code * HOST1 Host Code Description Universal Host

Network Code Network Description

File Type * pain.002 Network Type Description

File Type Description Customer Payment Status Report

File Direction Outgoing

Schema Definition File Path /scratch/work_area /DEV/PMSWCD145/XSD

Connector Details

Destination Type Folder Protocol Name

Folder Path /scratch/work_area XSD Version pain.001.001.06

Queue Name

Maker YAMUNA01 Date Time: 2021-11-29 15:41:44 Mod No 1 Record Status Open

Checker YAMUNA03 Date Time: 2021-11-29 15:42:03 Authorization Authorized Status

Exit

3. Pain.002 file generation Preferences network wise (e.g., BOOK, STEP2, SWIFT) can be maintained in Batch Processing Preference Detailed Screen (PMDBTPRF).

SRKADAM4 - HEL - HEL - 000 - Oracle Financial Services - ENG - Transaction Input - Mozilla Firefox

Multi Factor Not Authenticated Entity: ENTITY_ID1 Branch: HEL 2021-12-10 Window Shalendra Kadam4 PMDBTPRF

Batch Processing Preferences Detailed

New Copy Close Unlock Print Enter Query

Host Code * HOST1 Network Description BOOKTRANSFER TRANSACTIONS

Network Code * BOOK

Network Time Zone Europe/Helsinki

Network Cutoff Time 23:58

Network Extended Cutoff Time

Batch Cutoff Time Preferences

Cutoff Time for Batches 23:00

Extended Cutoff Time for Batches 23:59

Job Execution Preferences (in Minutes)

Pending Batch Job 10

Warehouse Pending Batch Job 10

Wait-time for Delinking Pending Transactions 120

Maker SRKADAM4 Date Time: 2021-11-29 14:42:49 Mod No 2 Record Status Open

Checker SRKADAM4 Date Time: 2021-11-29 14:42:49 Authorization Authorized Status

Exit

4. Job Code for generation of Periodic Pain.002 file can be maintained in Payments Seed Job Parameters Detailed Screen (PMDSJBPR).

SRKADAM4 - HEL - HEL - 000 - Oracle Financial Services - ENG - Transaction Input - Mozilla Firefox

https://100.76.138.209:7056/FC/NeoWeb/SMMDFRM.jsp

ORACLE® Multi Factor Not Authenticated Entity: ENTITY_D1 Branch: HEL 2021-12-10 Window Shalendra Kadam4 PAIN

Home Interactions Preferences

Payments Seed Job Parameters Detailed

New Copy Close Unlock Print Enter Query

Host Code * HOST1

Execution Branch * HEL

Job Code * C2B_PAIN002_GENERATION_JOB

Job Description Job Code for generation of periodic pain.002 file

Job Control Automatic

Start Time * 00:01

End time * 23:59

Running Y End time

Maker PKHUSER1	Date Time: 2021-06-02 15:14:55	Mod No 3	Record Status Open	Exit
Checker BTU2	Date Time: 2021-06-02 15:15:53		Authorization Authorized Status	

Exit