

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
OBRH	Oracle Banking Routing Hub

## 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. **Modify Integration preferences**

Go to Electronic Data Exchange-->Maintenance-->Integration Preferences-->View Integration Preferences.

For Transaction Category: "Payment", there will be two entries for "Payments" as day 0, one for handoff and other for parsing.

OBEDX integrates with OBPM via SFTP and File-API for handoffs requests for file uploads. Modify the existing maintenance for handoff to add relevant details.

For SFTP Below are the mandatory entries for handoff maintenance that need to be updated

1. FTP Host - Host IP
2. FTP Port - Host Port
3. FTP Username - Valid user for accessing host
4. FTP Password - Valid password for accessing host
5. FTP File Path - Path on which handoff request file will be placed
6. Response File Path - Path from which handoff response file will be downloaded

For File and API Below are the mandatory entries for handoff maintenance that need to be updated

1. FTP Host - Host IP
2. FTP Port - Host Port
3. FTP Username - Valid user for accessing host
4. FTP Password - Valid password for accessing host
5. Response File Path - Path from which handoff response file will be downloaded

Apart from above mentioned entries, you can also modify any other details as required for integrations with OBPM for your installation.

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.

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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
----------------	-----

- 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.

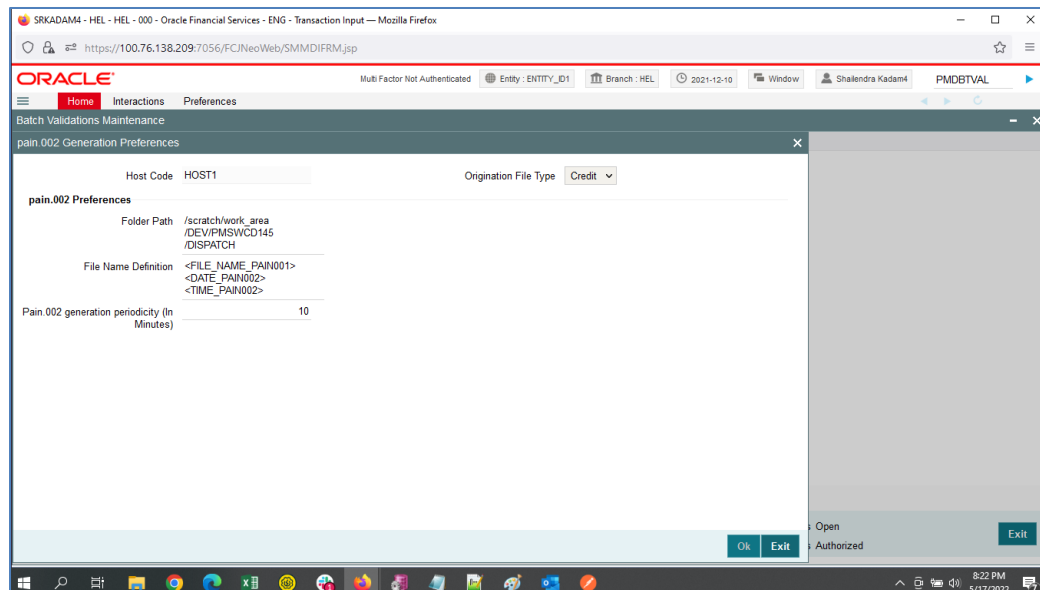
## 2.3 Maintenance in OBPM

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

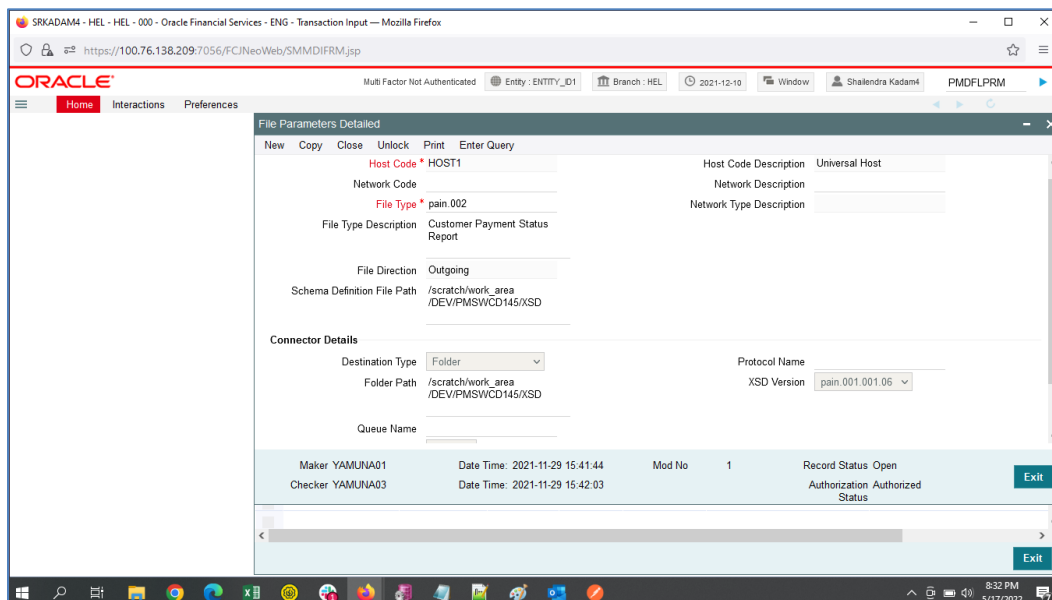
- Maintenance for Pain 002 file name definition, Folder Path and Pain.002 file execution periodicity (in minutes) can be maintained in Batch Validation Maintenance & pain.002 preferences (PMDBTVAL).

The screenshot displays the Oracle Financial Services OBPM interface. The main window is titled "Batch Validations Maintenance" and contains the following elements:

- Host Code:** HOST1
- Origination File Type:** Credit (dropdown menu)
- Back Value Allowed Limit Days:** 0
- Batch Duplicate Check Fields:** A table with columns "Field Name" and "Field Description".
- Pain 002 Preferences:** A section for configuring pain.002 preferences.
- Pricing Preferences:** A section for configuring pricing preferences.
- Status Bar:** Shows the user as SRKADAM4, the date/time as 2021-11-29 15:55:54, the modification number as 5, and the record status as Open.



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



- 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\_D1 Branch: HEL 2021-12-10 Window Shalendra Kadam 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

Multi Factor Not Authenticated Entity: ENTITY\_D1 Branch: HEL 2021-12-10 Window Shalendra Kadam PAIN

**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

Checker: BTU2 Date Time: 2021-06-02 15:15:53 Authorization Authorized Status

Exit

## 2.4 Maintenance in OBRH

This section describes the specific maintenances needed in OBRH for integration of OBEDX with OBPM.

Prerequisite – Consumer json import should be completed in OBRH. Please refer OBEDX-OBRH Integration Guide. (Maintenance in OBRH will be provided as a part of day0 configurations)

Find the OBEDX service consumer in routing hub (OBRH).

Select OBPM service provider and in the implementation section, edit host and port on which

**/obpm-api-gateway/obpm-foundation-service/fileEnvelop** and **/obpm-api-gateway/obpm-foundation-service/DateDerivationService** service is deployed.

Service Consumers

OBEDX > Service Providers > OBPM 1.0

Implementation

Add

Import

Search

Actions	Name	Description	Service Name	Host	Port	Queue
<div></div>	OBPM_Default	Default Implementation				

Page 1 of 1 (1 - 1 of 1 items)

Configure host and port of OBPM's /obpm-foundation-service/fileEnvelop service