

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



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# Preface

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## Purpose

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

## Audience

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

**Table 1 Audience**

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

## Acronyms and Abbreviations

The list of acronyms and abbreviations that are used in this guide are as follows:

| Abbreviation | Description  |
|--------------|--|
| OBEDX        | Oracle Banking Electronic Data Exchange for Corporates |

## Documentation Accessibility

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## Screenshot Disclaimer

Personal information used in the interface or documents are dummy and does not exist in the real world. It is only for reference purposes.

# 1

## Integration Guide

- [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.
- [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.
- [Maintenance in OBPM](#)
- [Maintenance in OBRH](#)  
This section describes the specific maintenances needed in OBRH for integration of OBEDX with OBPM.

### 1.1 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.

### 1.2 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

- a. FTP Host - Host IP
- b. FTP Port - Host Port
- c. FTP Username - Valid user for accessing host
- d. FTP Password - Valid password for accessing host
- e. FTP File Path - Path on which handoff request file will be placed
- f. 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

- a. FTP Host - Host IP
- b. FTP Port - Host Port
- c. FTP Username - Valid user for accessing host
- d. FTP Password - Valid password for accessing host
- e. 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.

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 file to OBPM is sent in pain.001.001.09 format & response file is received in pain.002.001.10 format, hence 2 Formats Identifiers 'PAIN001V9' of type Handoff & 'PAIN002V10' of type Handoff Response is created as a part of Day0 setup and is advised not to delete/modify them.
5. 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   |
|---------------------------|---|
| <b>Free Field 1</b>       | Rename Field- HandoffName<br>Constant Value - EDX             |
| <b>Format Identifier</b>  | Alphanumeric with Special Char                                |
| <b>Transaction Name</b>   | Alphanumeric with Special Char                                |
| <b>Free Field 2</b>       | Rename Field- Response Constant<br>Constant Value - PAIN002V6 |
| <b>Date and Timestamp</b> | DDMMYYHHMMSS  |
| <b>File Extension</b>     | xml   |

7. Three 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 :

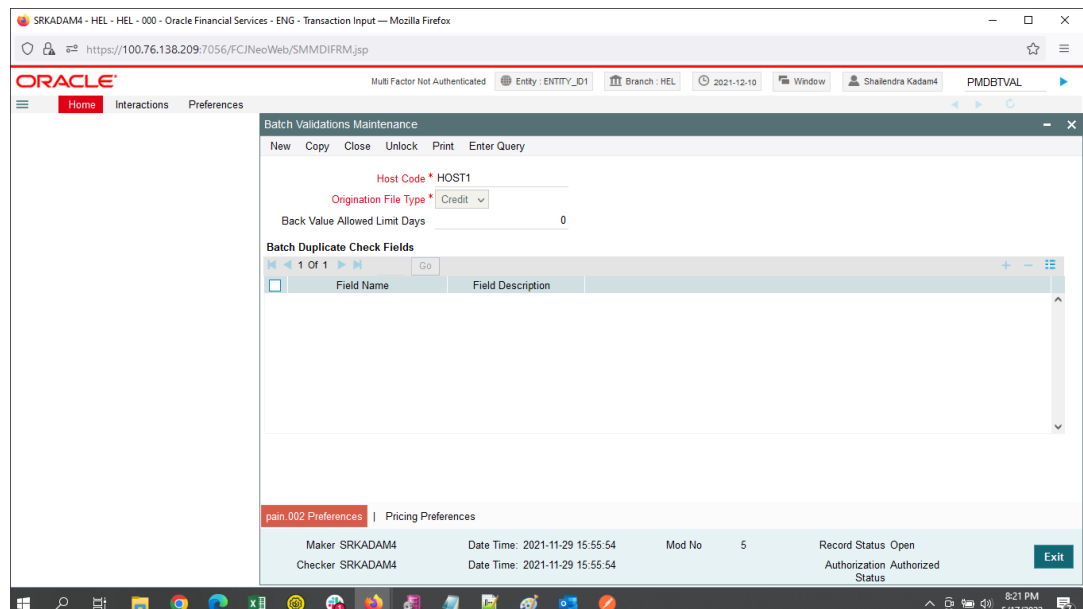
| Field Name               | Description  |
|--------------------------|--|
| <b>Free Field 1</b>      | Rename Field- HandoffName<br>Constant Value - EDX          |
| <b>Free Field 2</b>      | Rename Field-HandOffConstant<br>Constant Value - PAIN001V6 |
| <b>Transaction Name</b>  | Alphanumeric with Special Char                             |
| <b>Format Identifier</b> | Alphanumeric with Special Char                             |
| <b>Free Field 3</b>      | Rename Field-Timestamp<br>Alphanumeric with Special Char   |
| <b>File Extension</b>    | 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.

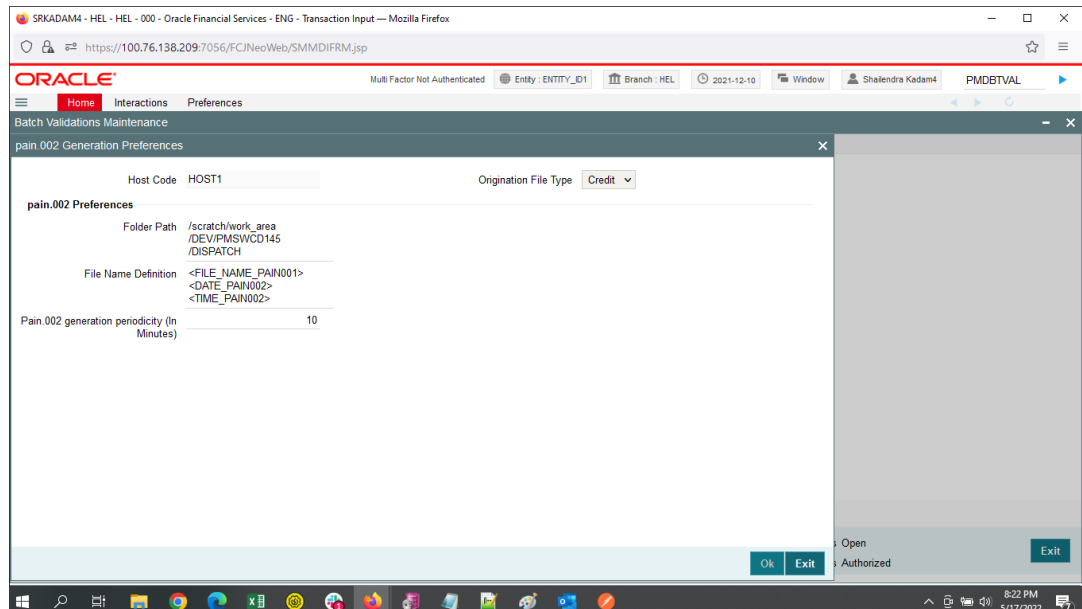
## 1.3 Maintenance in OBPM

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

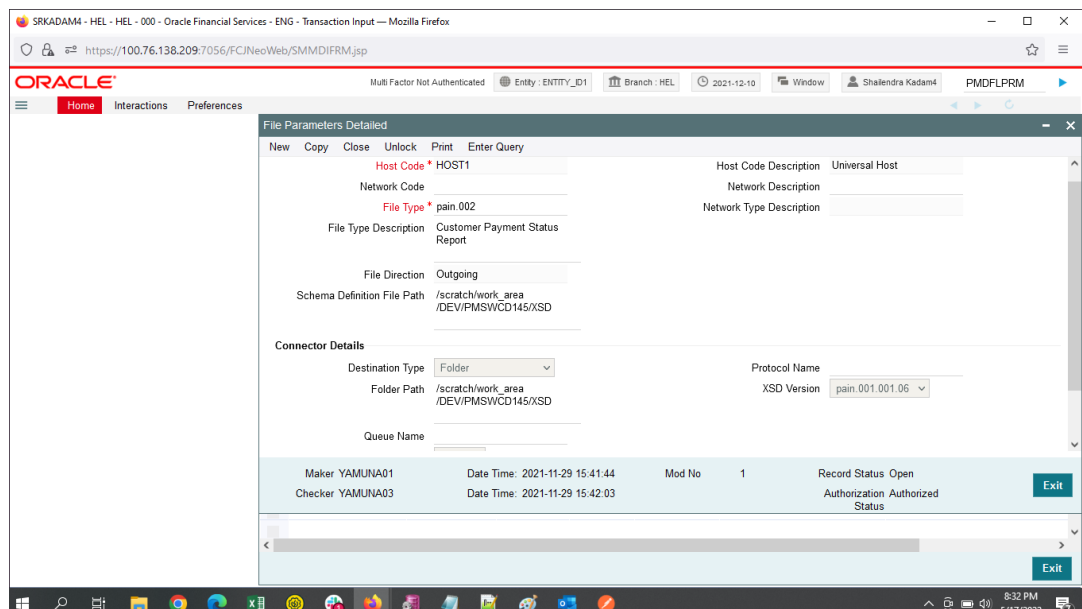
- Maintenance for Pain 002 file name definition, Folder Path and Pain.002 file execution periodicity (in minutes) can be maintained in Batch Validation Maintenance & pain.002 preferences (PMDBTVAL).



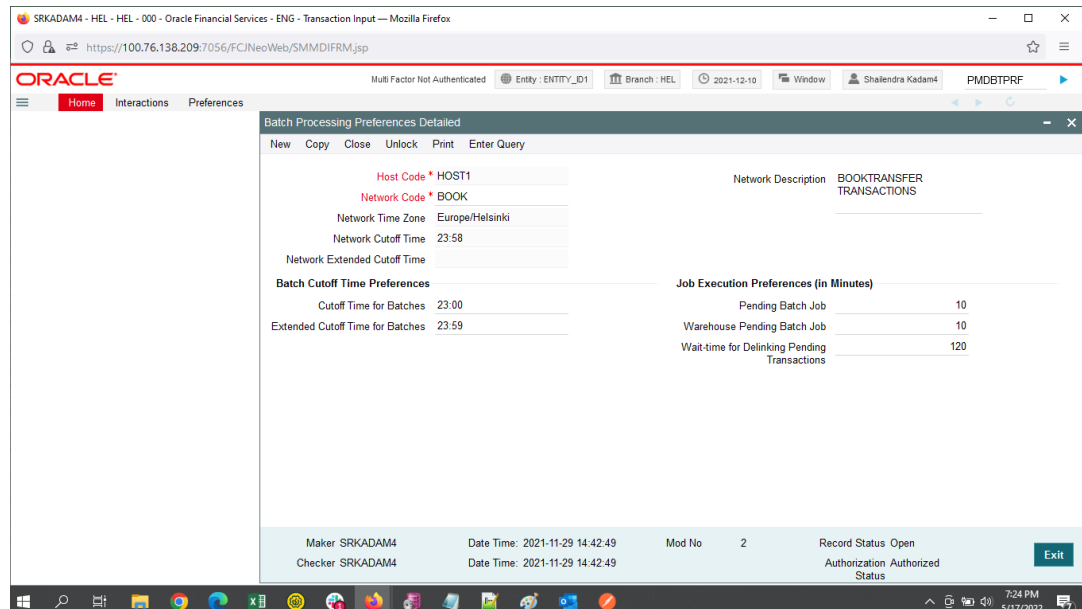




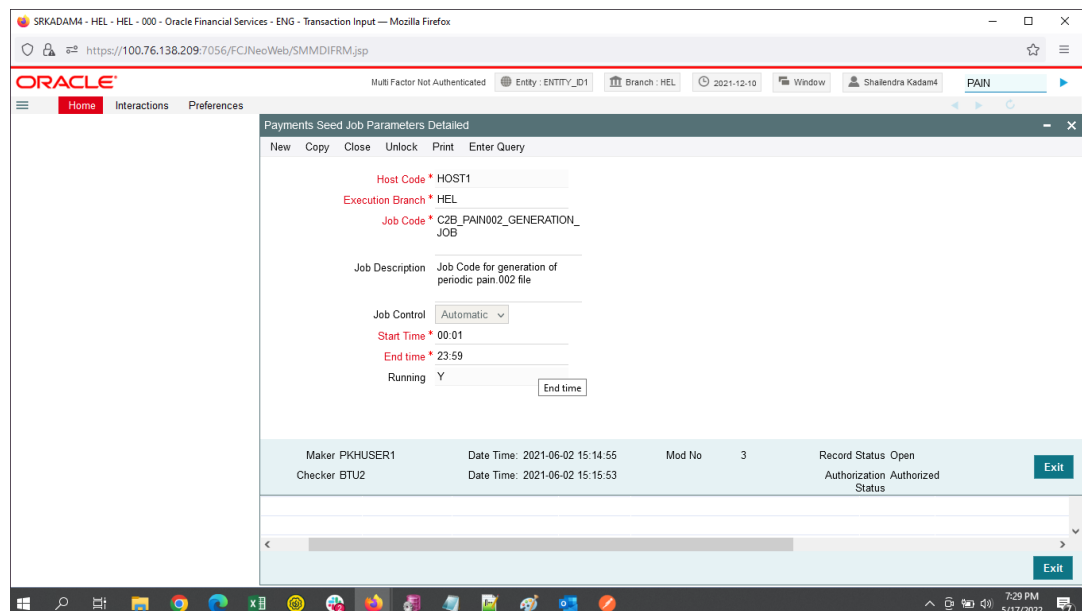
- Parameter maintenance of Pain.002 such as XSD version, folder path, etc can be maintained in File Parameters Detailed Screen (PMDFLPRM).



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



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



## 1.4 Maintenance in OBRH

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

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.

The screenshot shows the 'Service Consumers' configuration page. The breadcrumb navigation is 'OBEDX > Service Providers > OBPM 1.0'. The page title is 'Configure host and port of OBPM's /obpm-foundation-service/fileEnvelop service'. The 'Implementation' section is active, showing a table with the following data:

| Actions | Name         | Description            | Service Name | Host  | Port  | Queue |
|---------|--------------|------------------------|--------------|---|---|-------|
|         | OBPM_Default | Default Implementation |              | <span style="border: 1px solid red; background-color: #f0f0f0;">[Redacted]</span> | <span style="border: 1px solid red; background-color: #f0f0f0;">[Redacted]</span> |       |

At the bottom, there is a pagination control: 'Page 1 of 1 (1 - 1 of 1 items)' with navigation arrows and a '1' in a box.

# 2

## List of Topics

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| <b>Chapters</b> | <b>Description</b>   |
|-----------------|--|
| 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. |

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