

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

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>.

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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.

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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

- FTP Host - Host IP
- FTP Port - Host Port
- FTP Username - Valid user for accessing host
- FTP Password - Valid password for accessing host
- FTP File Path - Path on which handoff request file will be placed
- 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
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

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
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

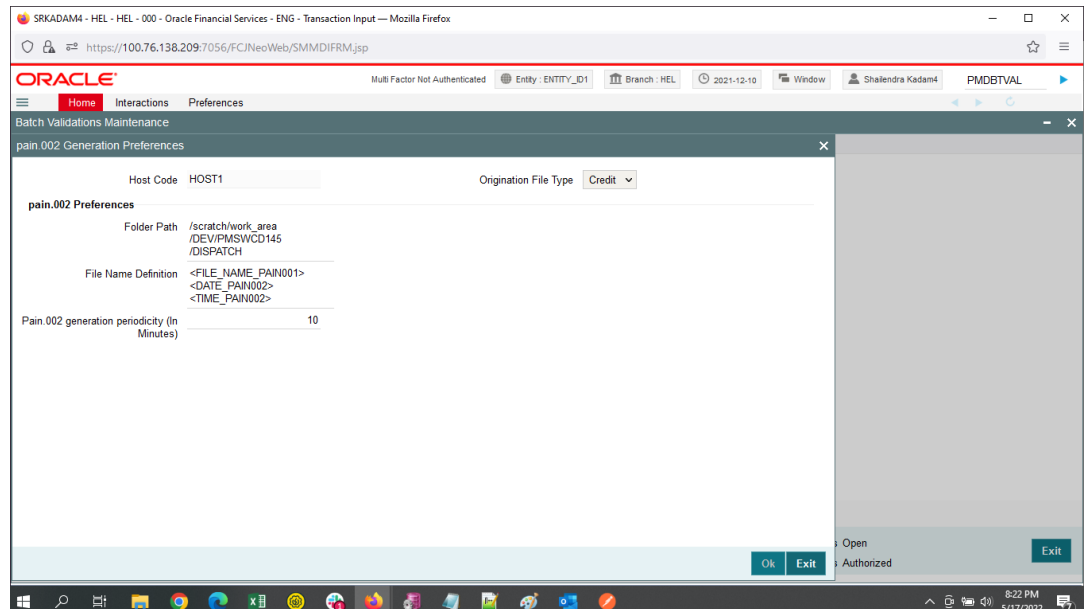
- 3 Preconfigured Correlation rules for Payments are provided as a part of Day0 and is advised not to delete/modify.
FileLevelCorrelationRule is created at File Level on Message Id.
BatchLevelCorrelationRule is created at Batch Level on Payment Info Id.
RecordLevelCorrelationRule is created at Record Level on Transaction Reference Number.

1.3 Maintenance in OBPM

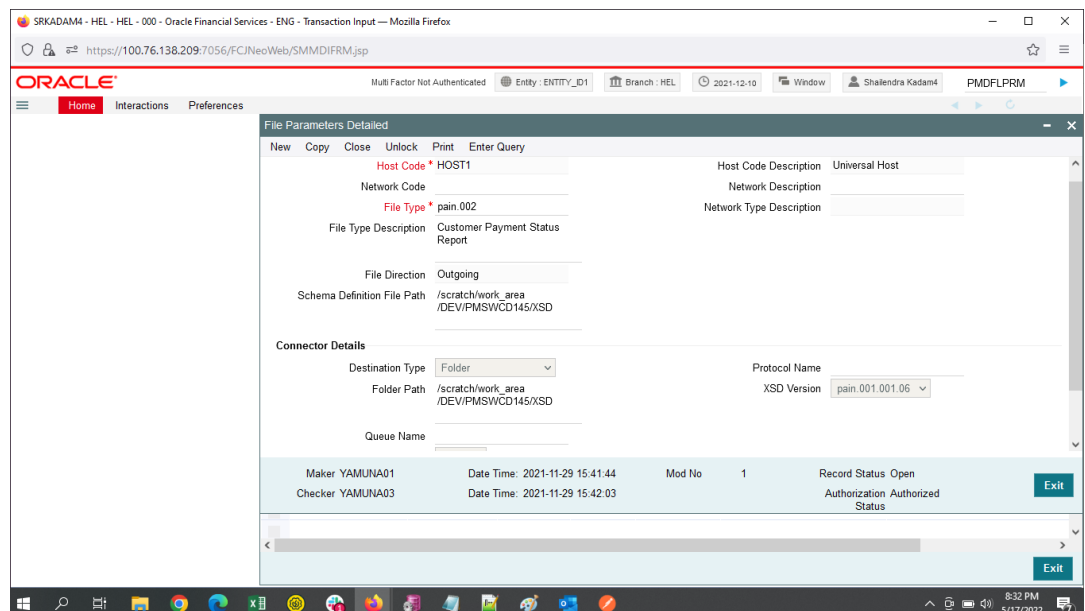
Below maintenances need to be maintained in OBPM in Day0 to integrate with OBEDX.

- 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).

The screenshot displays the 'Batch Validations Maintenance' interface within the Oracle Financial Services application. The top navigation bar shows the user is logged in as SRKADAM4. The main window has a sidebar with 'Home', 'Interactions', and 'Preferences'. The 'Batch Validations Maintenance' panel includes a toolbar with 'New', 'Copy', 'Close', 'Unlock', 'Print', and 'Enter Query'. Below this, there are input fields for 'Host Code * HOST1', 'Origination File Type * Credit', and 'Back Value Allowed Limit Days' set to 0. A section titled 'Batch Duplicate Check Fields' contains a table with columns 'Field Name' and 'Field Description'. At the bottom, there are tabs for 'pain.002 Preferences' and 'Pricing Preferences'. The status bar at the very bottom shows the user 'Maker SRKADAM4', 'Checker SRKADAM4', 'Date Time: 2021-11-29 15:55:54', 'Mod No: 5', 'Record Status: Open', and 'Authorization Authorized Status'. An 'Exit' button is located in the bottom right corner.



- 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 - 000 - Oracle Financial Services - ENG - Transaction Input — Mozilla Firefox

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

Batch Processing Preferences Detailed

New Copy Close Unlock Print Enter Query

Host Code * HOST1
Network Code * BOOK
Network Time Zone Europe/Helsinki
Network Cutoff Time 23:58
Network Extended Cutoff Time

Network Description BOOKTRANSFER TRANSACTIONS

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

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

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

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

Maker PIKHUSER1 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

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.

Service Consumers

OBEDX > Service Providers > OBPM 1.0

Implementation

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

Add

Import

Search

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

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