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



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ORACLE

Oracle Banking Electronic Data Exchange for Corporates OBEDX-OBPM Integration Guide, Release 14.8.0.0.0

G28154-01

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## Preface

- Purpose
- Audience
- Acronyms and Abbreviations
- Documentation Accessibility
- Screenshot Disclaimer

### 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

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# 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  $\rightarrow$  Maintenance  $\rightarrow$  Integration Preferences  $\rightarrow$  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, yYou can also modify any other details as required for integrations with OBPM for your installation.

 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.

- 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.
- 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.

6.

### 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

 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).





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

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Home	Interactions	Preferences						•	► C	
			File Parameters Detailed							-
			New Copy Close Unlock	Print Enter Query						
			Host Code *	* HOST1		Host Code De-	scription Universal H	lost		
			Network Code			Network Des	scription			
			File Type *	pain.002		Network Type De:	scription			
			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 🗸		Protoc	ol Name			
			Folder Path	/scratch/work_area /DEV/PMSWCD145/XSD		XSD	Version pain.001.0	01.06 ¥		
			Queue Name							
			Maker YAMUNA01	Date Time: 2021-11-29 1	15:41:44 Mod	I No 1	Record Status	open		
			Checker YAMUNA03	Date Time: 2021-11-29 1	15:42:03		Authorization 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).

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Home Interactions Preferences									
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	Network Cutoff Time	23:58							
	Network Extended Cutoff Time								
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	Extended Cutoff Time for Batches	23:59		Warehouse Pendir	ng Batch Job		10		
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4. Job Code for generation of Periodic Pain.002 file can be maintained in Payments Seed Job Parameters Detailed Screen (PMDSJBPR).

RACLE				Multi Factor No	t Authenticated	Entity : ENTITY_ID1	ff Branch :	HEL ( 20.	21-12-10	Window	h Shailendra Kadam4	PAIN	
Home Inte	eractions Pr	eferences										< • •	_
				b Parameters									
		Ne	w Copy Cl	ose Unlock	Print Ente	er Query							
				Host Code	* HOST1								
			Ð	ecution Branch	* HEL								
				Job Code	* C2B_PAINO JOB	02_GENERATION_							
				Job Description	Job Code fo periodic pai	or generation of n.002 file							
				Job Control	Automatic	~							
				Start Time	* 00:01								
				End time	* 23:59								
				Running	Y	End time							
			Maker PK	HUSER1	Date	Time: 2021-06-02 15	:14:55	Mod No	3	Record	Status Open		
			Checker BT	J2	Date	Time: 2021-06-02 15	:15:53				zation Authorized Status		

## 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 > OB	PM 1.0	Confi	gure host and port	t of OBPM's	
Implementatio	on			n-foundation-serv		p service
D₁ Add	Import Search	Q				
Actions	Name	Description	Service Name	Host	Port	Queue
÷	OBPM_Default	Default Implementation			1988	
Page 1	of	1 (1-1 of 1 items)  < ∢ [] → >				



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