

Release Notes
Oracle Banking Electronic Data Exchange for Corporates
Release 14.7.0.0.0

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Table of Contents

1. INTRODUCTION	1-1
2. ACRONYM & ABBREVIATION	2-1
3. RELEASE HIGHLIGHT	3-1
3.1 SET UP SPECIAL RATES FOR VIRTUAL ACCOUNTS THROUGH FILE PROCESSING	3-1
3.2 RESPONSE FILE GENERATION FOR VIRTUAL ACCOUNT OPEN AND CLOSE FILE UPLOADS	3-1
3.3 SUPPORT FOR PROCESSING OF PROPRIETY AND INDUSTRY STANDARD FORMATS	3-1
3.4 MISCELLANEOUS ENHANCEMENTS	3-1
3.5 INTEGRATION WITH INTEREST & CHARGES PRODUCT FOR ADD SPECIAL RATES	3-1
3.6 INTEGRATION WITH THIRD PARTY TRANSFORMATION SERVICE PRODUCT 'TRANSFORMER' BY TRACE FINANCIAL	3-2
4. LIMITATIONS AND OPEN ISSUES	4-1
4.1 LIMITATIONS AND OPEN ISSUES	4-1
5. COMPONENTS OF THE SOFTWARE	5-1
5.1 DOCUMENTS ACCOMPANYING THE SOFTWARE	5-1
5.2 SOFTWARE COMPONENTS	5-1
6. ANNEXURE – A: ENVIRONMENT DETAILS	6-1
6.1 TECH STACK	6-1
7. ANNEXURE – B: THIRD PARTY SOFTWARE DETAILS	7-1

1. INTRODUCTION

'Oracle Banking Electronic Data Exchange for Corporates' is a comprehensive solution for orchestrating high volume transaction files across bank's portal and product processors, once received by the financial institutions from their corporate clients.

In addition to file orchestration capabilities, Oracle Banking Electronic Data Exchange for Corporates provides the mechanism to send acknowledgments and responses to the corporates at various stages of the file processing. The detailed file enquiry feature of the product provides the file/record status, error encountered and the pending statuses of the file to the bank user.

Electronic Data Exchange comes pre-integrated with Oracle Digital Banking Experience (internet/channel banking product) and facilitates the approval of files on channel banking if the corporate wishes to. Electronic Data Exchange also comes pre-integrated with Oracle Banking Payments for payments file processing and Oracle Banking Virtual Account Management, Interest and Charges for Virtual Accounts bulk file uploads.

[Home](#)

2. ACRONYM & ABBREVIATION

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

Abbreviation	Detailed Description
OBEDX	Oracle Banking Electronic Data Exchange for Corporates
OBDX	Oracle Banking Digital Experience
OBVAM	Oracle Banking Virtual Account Management
OBVAM - IC	Oracle Banking Virtual Account Management - Interest and Charges
API	Application Programming Interface

[Home](#)

3. RELEASE HIGHLIGHT

The key highlight of the release:

3.1 SET UP SPECIAL RATES FOR VIRTUAL ACCOUNTS THROUGH FILE PROCESSING

Corporates can now send bulk files for setting up special rates for virtual accounts. A request is sent to the product for adding the special rates against the virtual accounts given in the file processor, after the files are pre-processed and verified in the product. Out of the box supported format for setting up special rate is CSV.

Oracle Banking Digital Experience (OBDX) Uploaded Files Inquiry and Oracle Banking Electronics Data Exchange for Corporates (OBEDX) File Inquiry screen is enhanced so that the corporate & bank users can inquire the status of the files and records uploaded through special rates for virtual account bulk files.

3.2 RESPONSE FILE GENERATION FOR VIRTUAL ACCOUNT OPEN AND CLOSE FILE UPLOADS

Oracle Banking Electronics Data Exchange for Corporates is enhanced to support response file generation for Virtual Account Open and Virtual Account Close file uploads. The response file is generated in csv format, out of the box.

3.3 SUPPORT FOR PROCESSING OF PROPRIETY AND INDUSTRY STANDARD FORMATS

Oracle Banking Electronics Data Exchange for Corporates (OBEDX) is enhanced to support any format via integrations with third party provider providing file transformation service.

The product also provides the capability to implementation partners to write their own conversion service for specific formats and integrate seamlessly with the product through configurations without code change.

3.4 MISCELLANEOUS ENHANCEMENTS

Dedupe rule setup is enhanced to allow the configuration of Generic File Level rule at Transaction Category level. This will help the bank user to define the rule for each Transaction category.

Integration Preferences set up is enhanced for configuring the preferences for the response file generation. User can now select the service type as Outgoing and configure the preferences.

3.5 INTEGRATION WITH INTEREST & CHARGES PRODUCT FOR ADD SPECIAL RATES

Oracle Banking Electronics Data Exchange for Corporates (OBEDX) is integrated with Oracle Banking Virtual Account Management - Interest & Charges (OBVAM-IC) product for processing Add Special Rates bulk upload files in CSV format.

OBEDX receives the file and performs the pre-parsing validations before sending it to OBVAM-IC for parsing. OBVAM-IC performs parsing including record level syntax validations and sends the parsed data back to OBEDX. OBEDX performs customer level preference validations on the bulk file received by the corporate and calls the bulk API provided by OBVAM-IC for adding special rates to the virtual account provided in the incoming file. The response received from OBVAM-IC is reconciled and records are updated with the latest status.

3.6 INTEGRATION WITH THIRD PARTY TRANSFORMATION SERVICE PRODUCT 'TRANSFORMER' BY TRACE FINANCIAL

Oracle Banking Electronics Data Exchange for Corporates (OBEDX) now comes pre-integrated with third party product 'Transformer' for transforming financial sector industry standard formats like MT, MX and bank/corporate specific formats like csv, txt, json etc. out of the box.

The bank can define the formats in Transformer as required by their corporate customers and integrate with OBEDX through configurations.

Out of the box, the product provides some of the sample Transformer mappings for multiple CSV formats like Internal Fund Transfer (Single Debit Single Credit), Internal Fund Transfer (Single Debit Multiple Credit), Domestic Fund Transfer (Single Debit Single Credit), Domestic Fund Transfer (Single Debit Multiple Credit) & International Fund Transfer for payments and Virtual Account Open.

[Home](#)

4. LIMITATIONS AND OPEN ISSUES

4.1 LIMITATIONS AND OPEN ISSUES

NA

[Home](#)

5. COMPONENTS OF THE SOFTWARE

5.1 DOCUMENTS ACCOMPANYING THE SOFTWARE

The various documents accompanying the software are as follows:

- Release Notes
- Installer Kit
- User Manuals and Installation manuals

5.2 SOFTWARE COMPONENTS

Software Components of Oracle Banking Electronic Data Exchange for Corporates 14.7.0.0.0 that form part of this release are as follows:

- **Core:**
 - UI Components (Knockout, OJET 13.0, Lux)
 - The Swagger / YAML for the services supported
 - Configuration files for the services
 - Service Components
 - Tables, Sequences, Static Data
- **Installation utilities:**
 - Installation documents for Database, UI, Web services

[Home](#)

6. ANNEXURE – A: ENVIRONMENT DETAILS

6.1 TECH STACK

Component	Machine	Operating System	Software	Version Number
Oracle Banking Electronic Data Exchange for Corporates	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0 + Patch 32077936**
			Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 8 Update 341 & JDK 11.0.16
	Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release	19.16.0.0.0
	Message Broker	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Apache Kafka	2.13-2.8.1
			Apache Zookeeper	3.6.2
	Client machines browser support is strictly tied to the browser itself and no longer based on the Operating System. Current release is certified on client workstations with Windows 10 and Mac		Mozilla Firefox	Mozilla Firefox Release (87+)
			Google Chrome	Google Chrome Release (Version 88+)
			Microsoft Edge	Microsoft Edge (89+)
			Apple Safari	Apple Safari (14+)

** : Patch 32077936 - JSF APPLICATION RESPONSE ISSUE FOR HTTPS PROTOCOL WHEN HTTP2 IS ENABLED needs to be applied to WebLogic 14.1.1.0.0

[Home](#)

7. ANNEXURE – B: THIRD PARTY SOFTWARE DETAILS

For Environment details, please refer “**Third Party Licenses**” section of “Oracle Banking Electronic Data Exchange for Corporates 14.7.0.0.0 License Guide”.

[Home](#)