

Release Notes
Oracle Banking Electronic Data Exchange for Corporates
Patchset Release 14.7.3.0.0

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Release Notes

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1. INTRODUCTION

Oracle Banking Electronic Data Exchange for Corporates is a comprehensive pre-processing and orchestration solution for high volume transaction files received from corporate clients by the financial institutions via host-to-host channel. It enables the bank to tailor the file processing as per corporate's requirements, control operational workflows based on business rules, optimize file processing, notify, and send responses to the corporates at various stages of file processing. Through this system, transaction files can be orchestrated across the bank's portal for client approval and the product processors for processing, thereby increasing the Straight Trough Processing rates in downstream systems and in lowering processing time.

Oracle Banking Electronic Data Exchange for Corporate is an enterprise-level file processing system designed to process all kinds of files received in corporates/Banks proprietary formats or industry-standard formats such as csv, fixed length, ISO and MT. Furthermore, it enables the bank to monitor and manage file processing lifecycles from a centralized location, provides real-time visibility of file and record statuses, helps resolve file processing errors efficiently thus reducing resolution time.

It is pre-integrated with Oracle Banking Digital Experience for client's approval, Oracle Banking Payments for the processing of payments files, as well as with Oracle Banking Virtual Account Management, Interest and Charges for Virtual Accounts bulk file uploading.

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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

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3. RELEASE HIGHLIGHTS

The key highlight of the release:

3.1 FILE FORMAT TRANSFORMATION CAPABILITY FOR INCOMING FORMATS

OBEDX has introduced a robust capability for seamlessly converting incoming file formats into supported underlying transaction formats. Bank users can now easily specify the incoming formats definition for delimited and fixed length text files, through the intuitive format definition screen. Additionally, users have the flexibility to map these defined formats to the underlying transaction using the user-friendly mapping screen provided. This empowers bank users to efficiently manage and align data formats according to their corporate specific requirements. Various validations like Datatype, Mandatory, List of Allowed Values check can be performed based on the specifications given while defining the file format.

3.2 RESPONSE FILE FORMAT PARSING SUPPORT

OBEDX now allows the product processor to send the response file in any specific format which can be parsed using the third-party service provider. This integration capability facilitates seamless integration, allowing files to be sent to the third-party provider, and subsequently receiving the parsed response within the system. Users can conveniently configure these integration preferences, using the Integration Preference maintenance.

3.3 MULTIPLE APPROVAL RULES SUPPORT FOR BANK USERS

Bank users are now empowered to create and define their own rules using the existing facts, providing a high level of customization. These rules can be then conveniently attached to the corporate preference as per the requirements of the corporate and the bank. When configured with a specific rule name in the corporate preference settings, the system will execute the corresponding rule. This feature enhances the flexibility and control that bank users have over the rule configuration, allowing them to tailor the system behaviour to meet their unique needs.

3.4 BANKER APPROVAL RULE ENHANCEMENT

Bank users now have the capability to customize and configure additional parameter - currency within the banker approval rules. With this enhancement, files will undergo banker approval, considering the specified currency conditions during the rule execution if configured. This added flexibility ensures a more tailored and precise approval process, aligning with the specific requirements and conditions set by the bank users.

3.5 ACKNOWLEDGEMENT SUPPORT FOR FILE SIZE VALIDATION FAILURES

OBEDX has been upgraded to offer an advanced feature that automatically triggers acknowledgments when a file fails the size validation check. Bank users can conveniently configure this functionality in the outgoing preferences section of the Corporate Preference maintenance screen. If the acknowledgment is set, it will be seamlessly dispatched in the event of a file size validation failure, providing enhanced transparency and control over the validation process.

3.6 INTRODUCED ADDITIONAL CONFIGURATIONS THROUGH SYSTEM MAINTENANCE

OBEDX has moved several back-end configurations to UI driven system configurations namely:

- Ability to allow or reject the backdated records.
- Exception management required or not required and days to auto-reject repair transactions.

To enable or disable these checks based on specific system requirements, flags have been introduced into the system maintenance screen. This enhancement offers bank users a seamless and configurable way to manage the system's behaviour, ensuring greater adaptability to varying operational needs.

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4. LIMITATIONS AND OPEN ISSUES

4.1 LIMITATIONS AND OPEN ISSUES

NA

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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 14.7.3.0.0 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

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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 **28186730, **34686388 & **35778900
			Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 11.0.16
	Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release	19.18.0.0.0
	Message Broker	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Apache Kafka	2.13-3.4.0
			Apache Zookeeper	3.6.3
	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+)

**28186730 - Patch to upgrade the Opatch version to 13.9.4.2.14

**34686388 - Patch was applied to resolve security vulnerability CVE-2020-14882 that allows remote users to circumvent the authentication in the administrator console

**35778900 - Patch required for plato-coherence-server deployment.

Note: # Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter on which Operating Systems they are installed. Current release is certified on client workstations with Windows 10 and Mac OS.

UI Stack:

Software Type	Recommended Software	Version Number
UI	Oracle JET	v15.0.0

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7. ANNEXURE – B: THIRD PARTY SOFTWARE DETAILS

For Environment details, please refer “**Third Party Licenses**” section of “Oracle Banking Electronic Data Exchange for Corporates 14.7.3.0.0 License Guide”.

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