

Product Release Notes
Oracle Banking Trade Finance Process Management
Release 14.6.1.0.0
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Version 14.6.1.0.0

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1. Release Notes

1.1 Background

Oracle Financial Services Software Limited has developed Oracle Banking Trade Finance Process Management 14.6.1.0.0 (OBTFFPM), which enable banks to streamline their trade finance operations. A robust workflow engine enables transparency of the process from initiation to fulfilment and brings in rich user experience and process efficiencies.

1.2 Purpose

The purpose of this Release Note is to propagate the enhancements in Oracle Banking Trade Finance Process Management 14.6.1.0.0.

1.3 Abbreviations

Abbreviation	Description
DB	Database
KYC	Know Your Customer
LC	Letter of Credit
OBDX Trade	Oracle Banking Digital Experience Trade
OBTF	Oracle Banking Trade Finance
OBTFFPM	Oracle Banking Trade Finance Process Management
REST	REpresentational State Transfer
SFTP	Simple File Transfer Protocol
SBLC	Standby Letter of Credit
SSO	Single Sign On
SWIFT	Society for Worldwide Interbank Financial Telecommunication
UI	User Interface
XML	eXtensible Markup Language

1.4 Release Highlights

The rationale for the release of Oracle Banking Trade Finance Process Management version 14.6.1.0.0 is to roll out additional processes and enhance existing processes in the Trade finance life cycle to support banks' Operational requirements, Customer Experience and Regulatory requirements.

1.4.1 Enhancements to Existing Processes

Following enhancements to existing processes are introduced:

- **Import LC Issuance**
 - Enhancement to populate Email id maintained in back office for Draft LC sent to customer
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Import LC Amendment**
 - Enhancement to populate Email id maintained in back office for Draft LC sent to customer
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Import LC Internal Amendment**
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Import LC Cancellation and Closure Conventional/ Islamic**
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Import LC Drawing Conventional/ Islamic**
 - Option to Create loan for Bill Liquidation if customer account is not having sufficient balance
 - Facility for the User to link Multiple shipping Guarantees for a single collection bill
- **Import LC Drawing Update Conventional/ Islamic**
 - Option to Create loan for Bill Liquidation if customer account is not having sufficient balance
 - Facility for the User to link Multiple shipping Guarantees for a single collection bill
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Import LC Internal Amendment**
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Import LC Liquidation Conventional/ Islamic**
 - Option to Create loan for Bill Liquidation if customer account is not having sufficient balance **(View)**
 - Facility for the User to link Multiple shipping Guarantees for a single collection bill
 - Placeholder to input Deal Reference for Cross Currency Transactions

- Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Import Documentary Collection Booking Conventional/ Islamic**
 - Option to Create loan for Bill Liquidation if customer account is not having sufficient balance
 - Facility for the User to link Multiple shipping Guarantees for a single collection bill
- **Import Documentary Collection Booking Update Conventional/ Islamic**
 - Option to Create loan for Bill Liquidation if customer account is not having sufficient balance
 - Facility for the User to link Multiple shipping Guarantees for a single collection bill
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Import Documentary Collection Liquidation**
 - Option to Create loan for Bill Liquidation if customer account is not having sufficient balance (View)
 - Placeholder to input Deal Reference for Cross Currency Transactions
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Import Documentary Collection Return/Close Conventional/ Islamic**
 - Facility for the User to link Multiple shipping Guarantees for a single collection bill
 - New place holder to capture Closure Reason in Collection Bills Closure Processes
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Export LC Amendment and Export LC Beneficiary Consent**
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Export LC Transfer**
 - Facility to use a separate product code for Transfer LC
 - Enhancement to Transfer LC restricting editable fields
 - Enhancement to populate Email id maintained in back office for Draft LC sent to customer
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Export LC Transfer Amendment**
 - Enhancement to populate Email id maintained in back office for Draft LC sent to customer
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow

- **Export LC Drawing and Export LC Drawing Update Conventional/ Islamic**
 - Placeholder to input Deal Reference for Cross Currency Transactions
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Export LC Liquidation Conventional/ Islamic**
 - Placeholder to input Deal Reference for Cross Currency Transactions
- **Export Documentary Collection Booking and Update Conventional/ Islamic**
 - Placeholder to input Deal Reference for Cross Currency Transactions
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Export Documentary Collection Liquidation Conventional/ Islamic**
 - Placeholder to input Deal Reference for Cross Currency Transactions
- **Export Documentary Collection Return – Close Conventional/ Islamic**
 - New place holder to capture Closure Reason in Collection Bills Closure Processes
- **Guarantee Issuance and Advice Claim Settlement Conventional/ Islamic**
 - Placeholder to input Deal Reference for Cross Currency Transactions
- **Buyers Credit – Repayment**
 - Placeholder to input Deal Reference for Cross Currency Transactions
- **Guarantee Issuance and Amendment**
 - Enhancement to populate Email id maintained in back office for Draft LC sent to customer
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Guarantee Issuance Internal Amendment/ Guarantee Issuance Cancellation/ Shipping Guarantee**
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Guarantee Issuance/ Guarantee Advise Claim Update and Lodge Claim - Guarantee Advised**
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Guarantee Issuance Claim Settlement**
 - Facility to link an FX Contract with Guarantee Claim Transactions
 - Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **Guarantee Advise Internal Amendment and Guarantee Advise Amendment Beneficiary Consent**

- Facility to request clarifications for branch initiated transactions with OBDX enabled customer using Bi-Directional Flow
- **All Islamic Guarantee Processes**
 - Auto Closure Toggle flag and Closure Date fields introduced in Islamic Guarantee Processes
- **All Documentary Credit and Guarantee processes**
 - Parsing of incoming C2B MT798 - 788 and 726 and create task in OBTFPM

1.4.2 **Multi entity support**

The deployment model for the product now supports multiple entities of the bank. This feature will enable a single instance of the product (and the underlying Oracle Banking Microservices Architecture platform) to onboard multiple entities of the bank onto the platform. In addition, following features will be available:

- Creation of "Multi-Entity Admin" user(s)
- Entity Definition and Maintenance
- Creation of "Entity Admin" user(s) & regular users
- Mapping of users (entity admins or regular users) to one or more entities - Users of the application will be central in nature and the users can have access to one or more entities
- User Entitlement will be local to the entity
- Data segregation at entity level - at the database end, there will be segregation of data between the different entities. The different entities data will be housed in different schemas in the database. Depending on the database deployment architecture employed, these schemas for the different entities can be in the same or different PDBs of the database
- Deployment of Flyway scripts (database scripts) for an application across all entities during deployment of patches and upgrades.
- Deployments with single entity will also be deployed in the same architecture with a "default entity"
- Upgrade of existing (pre 14.5) deployments to a single entity deployment with the "default entity"

2. Components of the Software

2.1 Documents Accompanying the Software

The various documents accompanying the software are as follows:

- Product Release Note
- Installation Guide
- Licence guide
- Security guide
- API Documentation

2.2 Software Components

Software Components of Oracle Banking Trade Finance Process Management 14.5.4.0.0 that form part of this release are as follows:

- **Host**
 - Service Components
 - UI Components (OJET)
 - Tables, Sequences, INC
 - Netflix Conductor Components
 - Configuration files used for deployment
 - Advices / Reporting Components (Data models (xdmz), Reports (xdoz), Templates (rtf))

3. Tech Stack

3.1 Deployment Stack

Component	Deployment Option	Machine	Operating System	Software	Version Number
Oracle Banking Trade Finance Process Management	UI-Host and Centralized	Application Server	Oracle Linux Server release 8.3 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure	12.2.1.4.0
				Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 8 Update 321 & JDK 11.0.14
				Oracle Repository Creation Utility (RCU)	12.2.1.4.0
		Database Server	Oracle Linux Server release 8.3(x86 64 Bit)	Oracle RDBMS Enterprise Edition	Oracle Database 19c Enterprise Edition Release 19.14.0.0.0
		Reporting Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic	14.1.1.0.0 + Patch 32077936*
				Oracle Analytical Server	5.9.0
				Repository Creation Utility	12.2.1.4.0
				Oracle Database (for RCU)	19.10.0.0.0
				JDK	JDK 8 Update 281
		Document Management System	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic	14.1.1.0.0
				Oracle WebCenter Content Imaging	12.2.1.4.0
				Repository Creation Utility	12.2.1.4.0
				Oracle Database (for RCU)	19.10.0.0.0

				JDK	JDK 8 Update 281
		Message Broker	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Apache Kafka	2.13-2.8.1
				Apache Zookeeper	3.6.2
		Build Tool		Gradle	5.6.4
		Client Machines**	-	Microsoft Edge (Browser)	Microsoft Edge (89+)
				Mozilla Firefox (Browser)	Mozilla Firefox Release (87+)
				Google Chrome (Browser)	Google Chrome Release (Version 88+)
				Apple Safari (Browser)	Apple Safari (14+)
			Mac OS X	Mozilla Firefox	Mozilla Firefox for Mac (50+)

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

** 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 Machines** with Windows 10.

3.2 UI Stack

Software Type	Recommended Software	Products	Version	Mandatory Software
UI	Oracle JET	ALL	v9.1.0	
UI	LUX	ALL	v9.1.0	

4. Third-Party Software Details

For details on the third party softwares used, refer Oracle Banking Trade Finance Process Management 14.6.0.0.0 Licensing Guide available in the OHC Documentation Library.