Oracle Banking Trade Finance

Oracle Banking Treasury Integration User Guide

Release 14.8.1.0.0

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Contents

Preface

Purpose

This document helps you acquaint with the information on inter-connecting Oracle Banking Trade Finance (OBTF) with Oracle Banking Treasury (OBTR).

Besides this user manual, while maintaining the interface related details, you can invoke the context sensitive help available for each field in OBTF. This help describes the purpose of each field within a screen. You can obtain this information by placing the cursor on the relevant field and striking the <F1> key on the keyboard.

Audience

This manual is intended for the following User/User Roles:

Role	Function
Back office data entry Clerks	Input functions for maintenance related to the interface
End of day operators	Processing during end of day
Implementation Teams	For setting up integration

Documentation Accessibility

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Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Organization

This manual is organized as follows:

Table 1 Topics

Topics	Description
Preface	This topic provides information on the intended audience. It also lists the various chapters covered in this User Manual.
OBTF - OBTFPM Integration	This topic explains the Trade - OBTFPM Integration explains the integration between Oracle Banking Trade Finance and Oracle Banking Trade Finance Process Management.
Function ID Glossary	This topic explains the alphabetical listing of Function/Screen ID's used in the module with page references for quick navigation.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Related Information Sources

Along with this user manual you may also refer the following related resource:

- Oracle Banking Trade Finance Installation Manual
- Common Core - Core Entities and Services User Guide
- Core Services User Guide
- Bills and Collections User Manual
- Islamic Bills and Collections User Manual
- Letters of Credit User Manual
- Islamic Letter of Credit User Manual

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

Acronyms and Abbreviations

Abbreviation	Description
ASYNC	Asynchronous
BC	Bills and Collections
EOD	End Of Day
FX	Foreign Exchange
IB	Islamic Bills and Collections
LC	Letters Of Credit
LI	Islamic Letters Of Credit
OBTF	Oracle Banking Trade Finance
OBTFCS	Oracle Banking Trade Finance Cloud Service
OBTR	Oracle Banking Treasury
SOAP	Simple Object Access Protocol
SYNC	Synchronous
URL	Uniform Resource Locator
WS	Web Service
WSDL	Web Service Description Language
XML	Extensible Markup Language

Symbols and Icons

The list of symbols and icons available on the screens are as follows:

Table 2 Symbols and Icons - Common

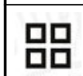
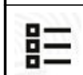
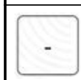
Symbol/Icon	Function
	Open a list
	Date Range
	Add a new record
	Navigate to the first record
	Navigate to the last record
	Navigate to the previous record
	Navigate to the next record
	Grid view
	List view
	Refresh
	Click this icon to add a new row.
	Click this icon to delete a row, which is already added.
	Calendar
	Alerts
	Unlock Option
	View Option

Table 2 (Cont.) Symbols and Icons - Common

Symbol/Icon	Function
	Reopen Option

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OBTF - OBTR Integration

The integration between OBTF and OBTR enables banks to do the following:

- FX interface has been provided to utilize FX rates from Treasury system (OBTR).
- Linkage of forward FX contracts for Bills and collection/Islamic Bills and collection during Collection, Purchase/Discount/Negotiation or Liquidation of export bill.
- Linkage of forward FX contracts for Letters of credit/ Islamic Letters of credit during initiation and amendment of import or export contract.

This topic contains the following sub-topics:

- Scope
- Prerequisites
- Integration Process

1.1 Scope

This topic contains the following sub-topics:

- Integration Scope

1.1.1 Integration Scope

The following are the integration scope of OBTF with OBTR:

- OBTF system initiates
  - Link/Utilization request to treasury system,
    - During linkage or utilization of FX contract at bills during purchase/negotiation/ discount or liquidation of bills.
  - Link request to treasury system,
    - During linkage of FX, at bills contract initiation with operations other than purchase/negotiation/discount, whereas utilization of linked FX is applicable on liquidation of bill.
    - Creation or amendment of LC/LI contract for linked amount or difference in linked amount during amendment.
  - Delink request to treasury system,
    - Manual delink of FX at LC/LI/BC/IB
    - Reduction of LC contract amount on LC amendment or LC availment
    - During liquidation of bills, for unutilized linked FX.

1.2 Prerequisites

This topic contains the following sub-topics:

- Prerequisites in Oracle Banking Trade Finance
- Prerequisites in Oracle Banking Treasury

1.2.1 Prerequisites in Oracle Banking Trade Finance

The prerequisites in OBTF for this integration are as follows:

- You have to maintain OBRH_URL param in CSTB_PARAM for communication type / Channel OBRH.
- You have to maintain the following details in 'Trade finance external service maintenance (IFDTFXSE) screen:

Field	Description
External System	Source code of external system e.g.: 'OBTR'
External User	User to be provided, this user should be present in OBTF and OBTR
Type	Request Type should be selected. SOAPRequest – For External System type 'Default' REST Request - For External System type 'OBRH'
Service Name	OBTRFXService
WS Endpoint URL	OBTR WSDL URL to be provided
External System Type	External System type should be selected. Default – Direct integration with FCUBS OBRH – Integration of DDA system via OBRH
Header Profile	Header Profile for the OBRH should be selected. Header profile can be maintained in the screen (MSDHPROF - HTTP Header Parameters)

- FX contracts are fetch from OBTR system and displayed in OBTF through External LOV and the External LOV and the External LOV is applicable to Web-logic. In order to fetch the details from OBTR, user has to maintain an active record in Integration Parameter Maintenance screen (IFDINPRM) with following details,

Field	Description
Branch Code	Branch Code to be provided, branch should be present in OBTF and OBTR.
External System	Source code of external system e.g.: 'OBTR'
External User	User to be provided, this user should be present in OBTF and OBTR.
Service Name	ExtLovService
Communication Channel	Select the communication Channel for integration. REST – Default Communication channel for ExternalLovService OBRH – Communication channel for all services when integrated via OBRH
Communication Mode	SYNCHRONOUS
Communication Layer	Application
Rest Service IP and Port	Should be 'OBTR' Application IP and Port.
Rest Service Pattern	LovService
Rest Service Context	FCJNeoWeb
Header Profile	Header Profile for the OBRH should be selected. Header profile can be maintained in the screen (MSDHPROF - HTTP Header Parameters)

1.2.2 Prerequisites in Oracle Banking Treasury

The prerequisites in Oracle Banking Treasury for this integration are as follows

- You have to maintain the following details in ‘Upload Source maintenance’ (CODSORCE) screen:

Field	Description
Source Code	Source code of external system e.g.: ‘OBTF’

- You have to maintain the following details in ‘Upload Source Preference maintenance’ (CODUPLDM) screen:

Field	Description
Source Code	Source code of external system e.g.: ‘OBTF’
Module Code	FX
On Error	Reject
On Override	Ignore
Status	Authorized

- You have to maintain the following details in ‘External System maintenance’ (GWDETFUN) screen:

Field	Description
External System	Source code of external system e.g.: ‘OBTF’
Function	IFGFXCON
Service Name	OBTRFXService
Operation Code	CreateFXLink

1.3 Integration Process

This topic contains the following sub-topics:

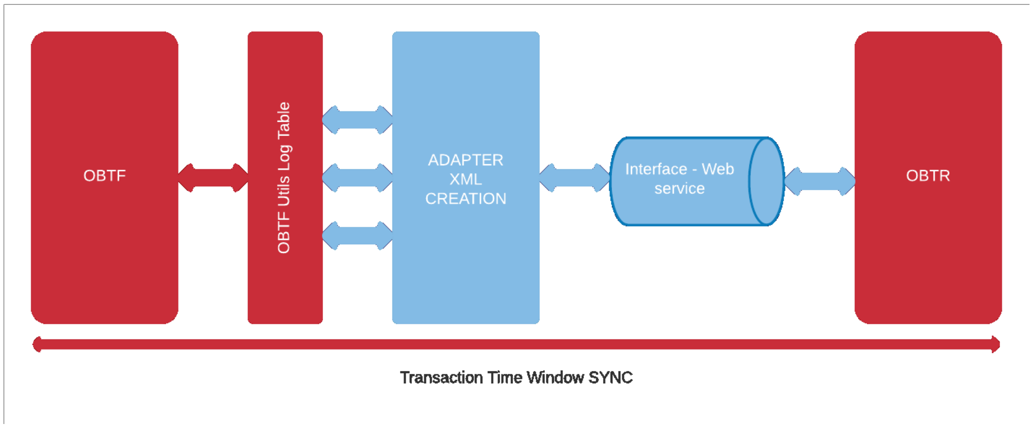
- Installation Modes
- Integration Processing

1.3.1 Installation Modes

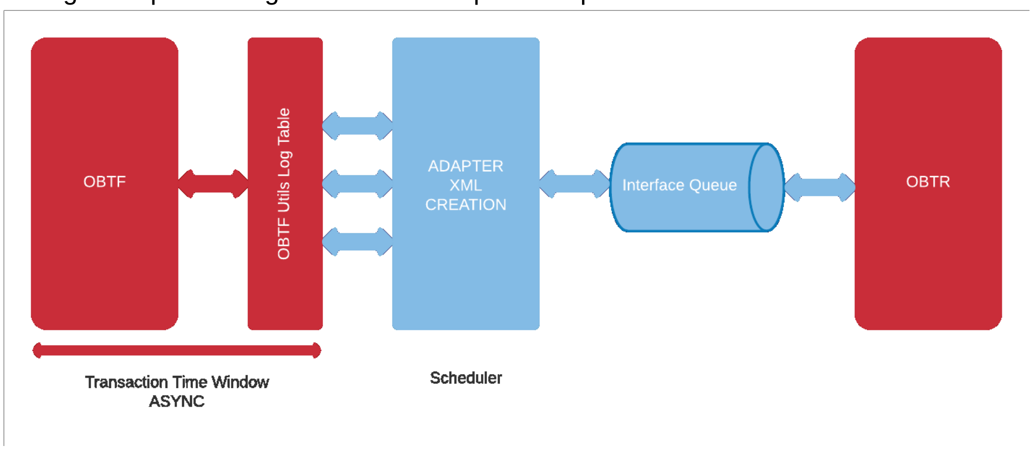
The following installation modes are described in the upcoming sections:

- SYNC Processing,
  - Transactions initiated from online transaction screens, a request will be sent from OBTF to OBTR on accepting the overrides raised during save.

- The response received from the external system along with the errors are displayed to the user during the transaction for failure contracts.



- ASYNC Processing,
  - OBTF_EXT_ASYNCCALL - Scheduler for processing OBTR - FX external request during EOD processing and External Liquidation process.



1.3.2 Integration Processing

- Forward FX linkage available for selection at bill would be as follows and on select system defaults date, available amount, bot currency, sold currency and rate.
  - Active Forward FX transactions authorized not marked for auto liquidation.
  - Counterparty of the FX contract should be the counterparty of the BC/LC contract
  - BC/LC contract currency should be BOT currency of the FX transaction in case of an export BC/LC or the SOLD currency in case of an Import BC/LC.
  - BC maturity date/LC expiry date should be greater than or equal to FX Value date
  - Available amount for linkage should be greater than Zero. Available amount will be FX contract amount minus the linked amount
  - Exchange rate defaulted from the linked FX
- Along with this user manual you may also refer the following related resource for detailed FX flow and related amount FX tags used:
  - Bills and Collections User Guide – Section ‘FX Linkage’ and ‘Accounting Entries and Advices’

- Islamic Bills and Collections User Guide – Section ‘FX Linkage’ and ‘Accounting Entries and Advices’
- Letters of Credit User Guide – Section ‘FX Linkage’ and ‘Accounting Entries and Advices
- Islamic Letters of Credit User Guide – Section ‘FX Linkage’ and ‘Accounting Entries and Advices

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