

# Oracle® Banking Trade Finance

## Oracle Banking Trade Finance – Oracle Banking Treasury Integration User Guide



Release 14.7.3.0.0

F94088-01

February 2024

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Oracle Banking Trade Finance Oracle Banking Trade Finance – Oracle Banking Treasury Integration User Guide, Release 14.7.3.0.0

F94088-01

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# Contents

## Preface

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|                             |    |
|-----------------------------|----|
| Audience                    | iv |
| Organization                | iv |
| Acronyms and Abbreviations  | v  |
| Glossary of Icons           | v  |
| Related Information Sources | v  |

## 1 OBTF - OBTR Integration

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|                                                     |     |
|-----------------------------------------------------|-----|
| 1.1 Scope                                           | 1-1 |
| 1.1.1 Integration Scope                             | 1-1 |
| 1.2 Prerequisites                                   | 1-2 |
| 1.2.1 Prerequisites in Oracle Banking Trade Finance | 1-2 |
| 1.2.2 Prerequisites in Oracle Banking Treasury      | 1-3 |
| 1.3 Integration Process                             | 1-3 |
| 1.3.1 Installation Modes                            | 1-3 |
| 1.3.2 Integration Processing                        | 1-4 |

## Index

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# Preface

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](#)
- [Organization](#)
- [Acronyms and Abbreviations](#)
- [Glossary of Icons](#)
- [Related Information Sources](#)

## 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                               |

## Organization

This manual is organized as follows:

**Table 1 Topics**

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

## 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     |
| 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       |

## Glossary of Icons

This user manual may refer to all or some of the following icons.

| Icons                                                                               | Function    |
|-------------------------------------------------------------------------------------|-------------|
|  | Exit        |
|  | Add row     |
|  | Delete row  |
|  | Option List |

## 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

# 1

## 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 chapter contains the following sections:

- [Section 2.1, "Scope"](#)
- [Section 2.2, "Prerequisites"](#)
- [Section 2.3, "Integration Process"](#)
- [Scope](#)
- [Prerequisites](#)
- [Integration Process](#)

### 1.1 Scope

This section contains the following topic:

- [Section 2.1.1, "Integration Scope"](#)
- [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 section contains the following topics:

- [Section 2.2.1, "Prerequisites in Oracle Banking Trade Finance"](#)
- [Section 2.2.2, "Prerequisites in Oracle Banking Treasury"](#)
- [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 the following details in 'Trade finance external service maintenance (IFDTFXSE) screen:

| Field                  | Description                                                       |
|------------------------|-------------------------------------------------------------------|
| <b>External System</b> | Source code of external system e.g.: 'OBTR'                       |
| <b>External User</b>   | User to be provided, this user should be present in OBTF and OBTR |
| <b>Type</b>            | SOAP Request                                                      |
| <b>Service Name</b>    | OBTRFXService                                                     |
| <b>WS Endpoint URL</b> | OBTR WSDL URL to be provided                                      |

- 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                                                            |
|---------------------------------|------------------------------------------------------------------------|
| <b>Branch Code</b>              | Branch Code to be provided, branch should be present in OBTF and OBTR. |
| <b>External System</b>          | Source code of external system e.g.: 'OBTR'                            |
| <b>External User</b>            | User to be provided, this user should be present in OBTF and OBTR.     |
| <b>Service Name</b>             | ExtLovService                                                          |
| <b>Communication Channel</b>    | REST                                                                   |
| <b>Communication Mode</b>       | SYNCHRONOUS                                                            |
| <b>Communication Layer</b>      | Application                                                            |
| <b>Rest Service IP and Port</b> | Should be 'OBTR' Application IP and Port.                              |
| <b>Rest Service Pattern</b>     | LovService                                                             |
| <b>Rest Service Context</b>     | FCJNeoWeb                                                              |

## 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 section contains the following topics:

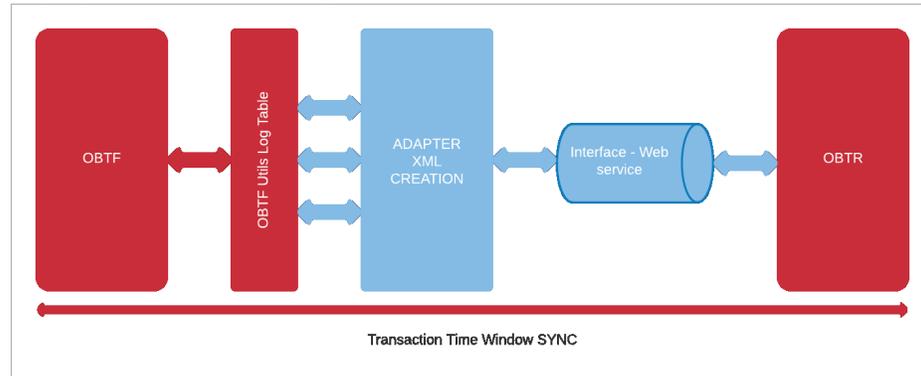
- [Section 2.3.1, "Installation Modes"](#)
- [Section 2.3.2, "Integration Processing"](#)
- [Installation Modes](#)
- [Integration Processing](#)

### 1.3.1 Installation Modes

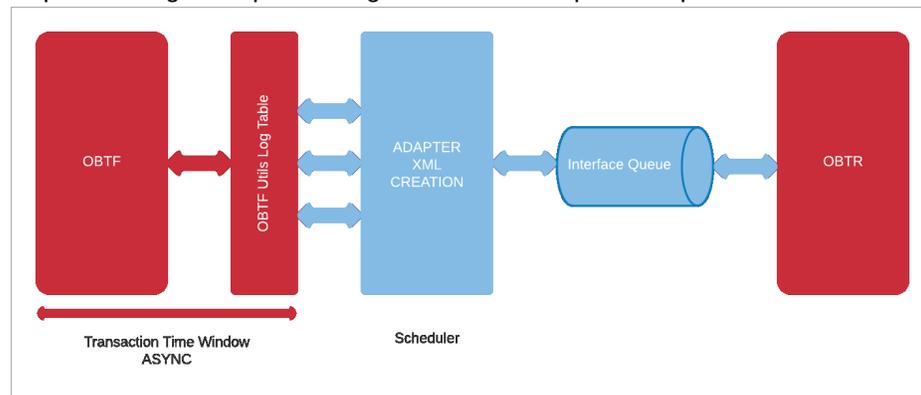
The following installation modes are described in the upcoming sections:

- 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\_ASYNCALL - 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

# Glossary

# Index