

# Oracle Banking Trade Finance

## Oracle Banking Trade Finance – Oracle Banking Trade Finance Process Management Integration User Guide



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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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1-1 Topics

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# 1

## Preface

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

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](#)

### 1.1 Audience

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

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

### 1.2 Organization

This manual is organized as follows:

**Table 1-1 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 - OBTR Integration</b>	This topic explains the Trade - OBTR Integration explains the integration between Oracle Banking Trade Finance and Oracle Banking Treasury.
<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.

## 1.3 Acronyms and Abbreviations

Abbreviation	Description
ASync	Asynchronous
OBTF	Oracle Banking Trade Finance
OBTFPM	Oracle Banking Trade Finance Process Management
OBRH	Oracle Banking Routing Hub
URL	Uniform Resource Locator
WS	Web Service
WSDL	Web Service Description Language
FFT	Free Format Text
ID	Identification

## 1.4 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

## 1.5 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

# 2

## OBTF - OBTFPM Integration

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

- Replicate FFT details from OBTF to OBTFPM.
- Replicate Product details from OBTF to OBTFPM.

This chapter contains the following sections:

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

### 2.1 Scope

This section contains the following topic:

- [Section 2.1.1, "Integration Scope"](#)
- [Integration Scope](#)

#### 2.1.1 Integration Scope

The following are the integration scope of OBTF with OBTFPM:

- OBTF during FFT authorization replicates the data to OBTFPM tables.
- OBTF during Product authorization replicates the data to OBTFPM tables.

### 2.2 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 Trade Finance Process Management"](#)
- [Prerequisites in Oracle Banking Trade Finance](#)
- [Prerequisites in Oracle Banking Trade Finance](#)
- [Prerequisites in Oracle Banking Trade Finance Process Management](#)

#### 2.2.1 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 as 'PLATOOBTF'
<b>External User</b>	User ID to be provided, this user should be present in OBTF, OBRH and OBTFPM
<b>Read Time Out (In Seconds)</b>	60
<b>Connection Time Out (In Seconds)</b>	60
<b>External System AppID</b>	CMNCORE
<b>External System Type</b>	OBRH
<b>Type</b>	REST request
<b>Service Name</b>	OBTFPM_SERVICE
<b>WS Endpoint URL</b>	No Input to be provided since REST request.
<b>Rest Service Context</b>	cmc-obrh-services
<b>Rest Service IP</b>	Valid Rest Service IP
<b>Rest Service Pattern</b>	route/dispatch
<b>Rest Service Port</b>	Valid Rest Service Port

- You have to maintain the following details in 'Integration Parameter Maintenance' (IFDINPRM) screen:

Field	Description
<b>Branch Code</b>	Branch Code to be provided, branch should be present in OBTF and OBTFPM.
<b>External System</b>	Source code of external system e.g.: 'OBTFPM'
<b>External User</b>	User to be provided, this user should be present in OBTF and OBTFPM.
<b>Entity ID</b>	Entity ID to be provided, this external id should be present in external system.
<b>External Branch Code</b>	Branch code to be provided, this branch code should be present in external system.

- You have to maintain the following details in 'Queue Connection Profile Maintenance' (TFDQPROF) screen:

Field	Description
<b>Profile ID</b>	Job Name.It should be maintained as TF_EA_GL_CALL
<b>Profile Description</b>	Description of the above scheduler job
<b>Context Provider URL</b>	The URL to connect to FCUBS MDB_QUEUE
<b>Initial Context Factory Class</b>	FCUBS MDB_QUEUE Context Factory class
<b>Queue Factory JNDI</b>	FCUBS MDB_QUEUE Connection Factory

## 2.2.2 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 as 'PLATOOBTF'
<b>External User</b>	User ID to be provided, this user should be present in OBTF, OBRH and OBTFPM
<b>Read Time Out (In Seconds)</b>	60
<b>Connection Time Out (In Seconds)</b>	60
<b>External System AppID</b>	CMNCORE
<b>External System Type</b>	OBRH
<b>Type</b>	REST request
<b>Service Name</b>	OBTFPM_SERVICE
<b>WS Endpoint URL</b>	No Input to be provided since REST request.
<b>Rest Service Context</b>	cmc-obrh-services
<b>Rest Service IP</b>	Valid Rest Service IP
<b>Rest Service Pattern</b>	route/dispatch
<b>Rest Service Port</b>	Valid Rest Service Port

## 2.2.3 Prerequisites in Oracle Banking Trade Finance Process Management

The prerequisites in Oracle Banking Trade Finance Process Management for this integration are as follows

- You have to maintain the SourceCode in the upload source screen with autoAuth enabled.

Field	Description
<b>External System</b>	Source code of external system as 'OBTF'
<b>External User</b>	User ID to be provided, this user should be present in OBTF, OBRH and OBTFPM

## 2.3 Integration Process

This section contains the following topics:

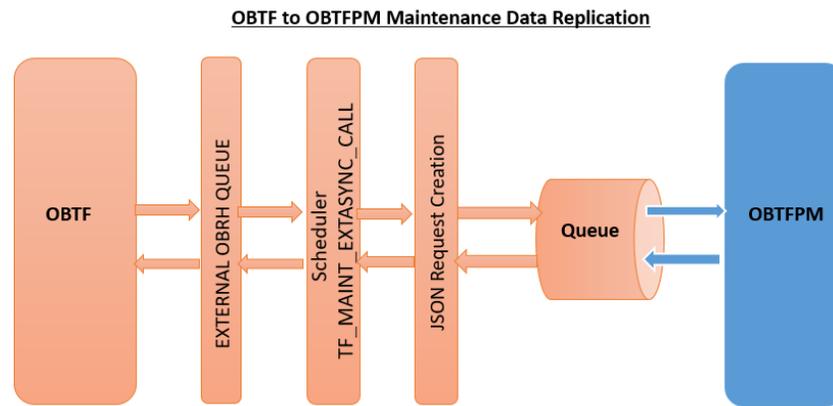
- [Section 2.3.1, "Installation Modes"](#)
- [Section 2.3.2, "Integration Processing"](#)
- [Installation Modes](#)
- [Maintenance Replication](#)
- [Transaction Replication](#)

### 2.3.1 Installation Modes

The following installation mode is described in the upcoming section:

- AYSYNC Processing,

- TF\_MAINT\_EXTASYNC\_CALL - Scheduler for replicating maintenance data from OBTF to OBTFPM data.



OBTF Scheduler Replication Request and Processing at OBTFPM

**ASYNCR**

- OBTF maintenance data replication request to OBTFPM
- OBTFPM receives OBTF request and inserts data into OBTFPM schema tables.
- Processing is completed at OBTFPM sends the success or failure response to OBTF.
- OBTF logs OBTFPM response. In OBTF user can retry manually failure responses using IFSTFERQ .

## 2.3.2 Maintenance Replication

- OBTF to OBTFPM replication applies to following screens

Function Id	Description
BCDFFTC	Bills Free Format Maintenance screen data replication
BCDPRMNT	Bills & Collections Product Definition
IBDPRMNT	Islamic Bills & Collections Product Definition
LCDPRMNT	Letters Of Credit Product Definition
LIDPRMNT	Islamic LC Product Definition
BCDDISCD	Bills Discrepancy Code Maintenance
BCDCOMCD	Bills Commodity Code Maintenance
BCDDOCCD	Bills Document Code Maintenance
BCDINSCO	Bills Insurance Company Maintenance
STDTFBNK	Trade Finance Bank Preference Maintenance

- Once data is saved record will be stored in OBTF integration processing tables with processing status as 'X'.
- Once data is authorized record will be updated in OBTF integration processing tables with processing status as 'U'.
- Scheduler "TF\_MAINT\_EXTASYNC\_CALL" considers the record in processing status 'U' and through JSON request initiates OBTFPM.
- OBTFPM send the success or failure response to OBTF.
- OBTF stores the response and user can retry the failure request through screen "IFSTFERQ- Trade Finance Core Entity Error Queue" in OBTF.

- Along with this user manual you may also refer the following related resource for FFT and Product creation:
  - [https://docs.oracle.com/cd/F43284\\_01/PDF/BC/BC.pdf](https://docs.oracle.com/cd/F43284_01/PDF/BC/BC.pdf) – Section “3.5 Bills and Collections Free Format Code Maintenance” and Section “4. Bills and Collections Product Attributes”
  - [https://docs.oracle.com/cd/F43284\\_01/PDF/IB/Islamic\\_BC.pdf](https://docs.oracle.com/cd/F43284_01/PDF/IB/Islamic_BC.pdf) – Section “3.5 Free Format Texts” and Section “4. Define Attributes of Islamic Bills and Collections Product”
  - [https://docs.oracle.com/cd/F43284\\_01/PDF/LC/LC.pdf](https://docs.oracle.com/cd/F43284_01/PDF/LC/LC.pdf) – Section “4. Define Product Attributes”.
  - [https://docs.oracle.com/cd/F43284\\_01/PDF/LI/Islamic\\_LC.pdf](https://docs.oracle.com/cd/F43284_01/PDF/LI/Islamic_LC.pdf) – Section “4. Define Attributes specific to an Islamic Product”
- To turn off the replication parameter value “OBTF\_REPL\_OBMA\_REQ” can be switched to “N”.

### 2.3.3 Transaction Replication

Provision to replicate details of Bills / Islamic Bills, which is about to mature.

- EOD batch “BCMATRPL” - Bills and Collection Maturity Replication batch to replicate the Bill details from OBTF.
- EOD batch “IBMATRPL” – Islamic Bills and Collection Maturity Replication batch to replicate the Islamic bill details from OBTF.
- A static parameter “BILL\_REPL\_MAT\_BFR\_DAYS” in CSTM\_PARAM to define the number of days prior to which the Bill/Islamic details to be replicated.
- During EOD batch processing (BCMATRPL/IBMATRPL), based on the static parameter value bills contracts will be available for replication.
- Once EOD batch run successfully records will be stored in OBTF integration processing tables with processing status as ‘U’.
- Scheduler “TF\_MAINT\_EXTASYNC\_CALL” considers the record in processing status ‘U’ and through JSON request initiates OBTFPM.
- OBTFPM send the success or failure response to OBTF.
- OBTF stores the response and user can retry the failure request through screen “IFSTFERQ- Trade Finance Core Entity Error Queue” in OBTF

To turn off the replication parameter value “OBTF\_REPL\_OBMA\_REQ” can be switched to “N”.

# Glossary

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