

Oracle Banking Treasury Management - OFSAA
Integration

Oracle Banking Treasury Management

Release 14.7.0.0.0

Part No. F72699-01

November 2022

Oracle Banking Treasury Management - OFSAA Integration User Guide
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1. Preface

1.1 Introduction

This document helps you acquaint with the information on inter-connecting Oracle Banking Treasury Management (OBTR) with Oracle Financial Services Analytical Application (OFSAA).

Besides this user manual, while maintaining the interface related details, you can invoke the context sensitive help available for each field in OBTR. 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.

1.2 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

1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>

1.4 Organization

This chapter is organized into following chapters:

Chapter	Description
Chapter 1	<i>Preface</i> gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Chapter 2	<i>OBTR - OFSAA Integration</i> explains the integration between Oracle Banking Treasury Management and Oracle Financial Services Analytical Applications.
Chapter 3	<i>Annexure</i> provides the details of data exchange.

1.5 Acronyms and Abbreviations

Abbreviation	Description
System	Unless and otherwise specified, it always refers to Oracle Banking Treasury Management
OBTR	Oracle Banking Treasury Management
OFSAA	Oracle Financial Services Analytical Applications
DIH	Data Integration Hub
Source System	Oracle Banking Treasury Management (OBTR)
EOD	End of Day
EOFI	End of Financial Input
OD	Overdraft

1.6 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

1.7 Related Information Sources

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

- Oracle Banking Treasury Management Installation Manual
- OBTR-OFSAA Data Transfer matrix

2. Oracle OBTR - OFSAA Integration

The integration between the Oracle Banking Treasury Management (OBTR) and the Oracle Financial Services Analytical Applications (OFSAA) enables the financial institutions to:

- Get insights to customer patterns based on the data captured in core banking
- Achieve end-to-end improvement in business delivery
- Achieve effective performance and risk free management using the available customer data

This integration is achieved by handing off OBTR core banking data via staging tables to OFSAA using DIH connector.

This chapter contains the following sections:

- [Section 2.1, "Integration Scope in Oracle Banking Treasury Management"](#)
- [Section 2.2, "Prerequisites in Oracle Banking Treasury Management"](#)
- [Section 2.3, "Prerequisites in Oracle Financial Services Analytical Applications"](#)
- [Section 2.4, "Integration Architecture"](#)
- [Section 2.5, "Integration Process"](#)
- [Section 2.6, "Assumptions"](#)

2.1 Integration Scope in Oracle Banking Treasury Management

During the integration following data are provided to OFSAA in the OBTR staging table.

Module	Hand off Details
Foreign Exchange	• Forex account transaction data of a customer • Foreign exchange contracts of a customer • Exchange rates between two currencies
Money Marketing	• Borrowing records of the customer • Money market transaction data
Securities	• Securities instrument contracts, securities deals, securities accounting entries • Security repo contracts and security repo accounting entries

Module	Hand off Details
Exchange Trade Derivatives	- Exchange Trade Derivatives (Futures) and Derivatives (FRA) transactions - Exchange Trade Derivatives (Options) and OTC (CCO and IRO) transactions
Derivatives	Derivatives transactions
Options	Options transactions

2.2 **Prerequisites in Oracle Banking Treasury Management**

Set up Oracle Banking Treasury Management. OFSAA user will have read-only access to this application. The access is provided only to particular extraction tables.

Refer the 'Oracle Banking Treasury Installation' manual.

This section contains the following topic:

- [Section 2.2.1, "Maintenances"](#)

2.2.1 **Maintenances**

Complete the maintenances discussed below.

2.2.1.1 **Maintaining Batch Programs**

You need to maintain the batch program 'EMBTRXTC' using **Mandatory Batch Program Maintenance** (EIDMANPE) screen. This batch extracts the data from Oracle Banking Treasury Management during end of financial input (EOFI) stage. It is recommended that the extraction of data from Oracle Banking Treasury Management is done from the reporting environment and not from the production environment. You also need to maintain the extraction routine.

2.2.1.2 **Maintaining Extraction Routines**

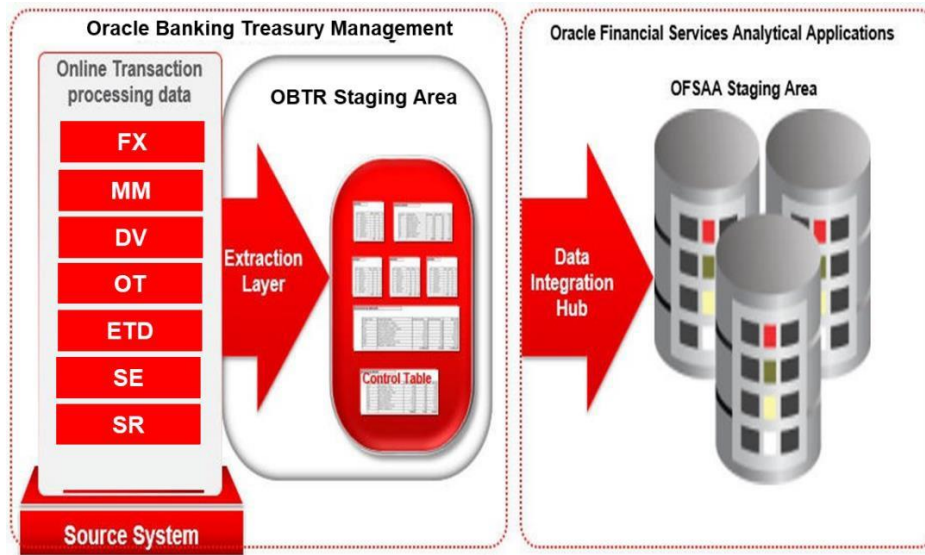
You can maintain the data extraction routines in the maintenance table called 'ESTM_TR_DEST_TABLES'. This table is used to maintain extraction routines and should be maintained manually with the following values along with other details:

Column Name	Description
ORD_OF_EXT	Order of extraction in which routine will be executed. This should be a unique value.
TABLE_NAME	Name of the staging table to be populated with data.
ROUTINE	Routine to be executed. The format should be 'Package.procedure'
INTEGRATION_NAME	OFSAA

All the parameters such as extraction date, previous extraction date, log required and so on are maintained in maintenance table 'CSTB_TR_EIS_PARAM'. In this table the KEYID is the primary key.

2.3 Integration Architecture

The following diagram provides information on the integration architecture followed in OBTR -OFSAA integration.



2.4 Integration Process

OBTR has pre-defined staging tables required for OFSAA extracts. During EOFI batch, the module wise data is extracted to staging tables in OBTR. OBTR provides a control table to indicate successful data extraction. OFSAA pulls the data from the tables in OBTR using the DIH connector.

The transfer or extraction of data from OBTR to OFSAA differs based on the staging tables as follows:

- Master table - Incremental data between two extraction dates are transferred.
- Maintenances and contract tables - Entire transaction data are transferred in each extraction.
- Transaction table - Data related to the transactions created on the extraction date are transferred.

During data extraction you can check the status of the extraction routines in the table `ESTB_TR_JOB_CONTROL`. The column `STATUS` shows whether the routine is in progress (W) or has failed (F) or has completed successfully (S). At the time of extraction all the routines from maintenance table '`ESTM_TR_DEST_TABLES`' are inserted to '`ESTB_TR_JOB_CONTROL`' for the current extraction date with initial status as 'W'. This status will be updated accordingly when the routine is completed successfully (S) or unsuccessfully (F).

Extraction Log

You can have the logs generated as part of EOD for each table. EOD log captures the complete extraction process. The table level extraction log contains the details of each data transfer.

Errors in the data extraction process and the failure reasons are logged in an error data store. These errors are rectified manually and the batch is run again for the failed data.

3.1 Data Transfer from OBTR to OFSAA

For details on data transfer from OBTR to OFSAA, refer the excel sheet [OBTR OFSAA Data Transfer Details.xls](#)

This sheet has the following details:

- Source System
- Target System
- Data Transferred
- Source System Module
- OBTR Staging Table Name
- Extraction Package Name
- Target System Table Name
- Extraction Routine
- Data Included in the Extraction