Oracle® Banking Treasury Management

Oracle Banking Treasury Management-ELCM Integration

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Preface

This document helps you acquaint with the information on inter-connecting Oracle Banking Treasury Management (OBTR) with Enterprise Limits and Collateral Management (ELCM).

This preface contains the following topics:

- Audience
- List of Topics
- Acronyms and Abbreviations
- Symbols and Icons
- Related Resources

Audience

This manual is for the following audience:

- Back office data entry Clerks
- End of day operators
- Implementation Teams

List of Topics

This guide is organized as follows:

Table 1   List of Topics

Topics	Description
OBTR- ELCM Integration	Explains the integration between Oracle Banking Treasury Management and Enterprise Limits and Collateral Management.
Annexure	Provides the details of supported and unsupported functionality of ELCM

Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table 2   Acronyms and Abbreviations

Acronyms or Abbreviations	Description
ASYNC	Asynchronous
ELCM	Enterprise Limits and Collateral Management
OBTR	Oracle Banking Treasury Management
SYNC	Synchronous
System	Unless and otherwise specified, it always refers to Oracle Banking Treasury Management
XML	Extensible Markup Language

Symbols and Icons

Table 3   Symbols

Icons	Function
✕	Exit
＋	Add row
−	Delete row
🔍	Option List

> ✎ **Note:**
>
> The images used in the documentation are of illustration purpose and need to be used only for reference.

Related Resources

For more information, see these Oracle resources:

- Oracle Banking Treasury Management Installation Manuals
- Common Core - Core Entities and Services User Guide

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OBTR- ELCM Integration

Banks extend various credit facilities like limits to its customers depending on their requirements.

This chapter contains the following sections:

- OBTR Installation Modes
  The OBTR installation modes are explained in this topic.

- Prerequisites
  This Prerequisites topic explains the parameters to be maintained for the standalone mode for ELCM integration.

- Integration Process
  This topic describes the installation modes and processing of integration maintenance.

1.1 OBTR Installation Modes

The OBTR installation modes are explained in this topic.

- OBTR with No External Limits- For this installation mode limit support is within OBTR through local facility and local collateral

- OBTR with External Limits- The integration supports the following modes of OBTR- Limits installation:

  - Standalone Limits system with OBTR- SYNC Method

  - Standalone Limits system with OBTR- ASYNC Method

  - Componentized limits installation - SYNC Method

  - Componentized limits installation - ASYNC Method

Table 1-1   Installation Mode Details

Details	Standalone SYNC (1)	Standalone ASYNC(2)	Co- deployed SYNC (3)	Co- deployed ASYNC (4)
Data Storage	Different DB	Different DB	Same DB	Same DB
Deployment	Different App.	Different App.	Same App.	Same App.
Mode Inter- face	Web Services	Web Services	Web Services	Web Services
Limit Response Handling	Online	Deferred	Online	Deferred

1.2 Prerequisites

This Prerequisites topic explains the parameters to be maintained for the standalone mode for ELCM integration.

Table 1-2   CSTB_PARAM

Parameter	Value
OBTR_EL_COMM_MODE	S
OBTR_EXTERNAL_ACC_CHK_REQ	Y
ELCM_SETUP_MODE	S

This topic has the following sub-topics:

- Prerequisites in Oracle Banking Treasury Management
  This topic explains the Treasury External Service Maintenance as a prerequisites in Oracle Banking Treasury Management for integration.

- Prerequisites in Oracle Banking Enterprise Limits and Collateral Management
  This topic explains the Upload Source maintenance (CODSORCE) as a prerequisites in Oracle Banking Treasury Management and Oracle Banking Enterprise Limits and Collateral Management for integration.

1.2.1 Prerequisites in Oracle Banking Treasury Management

This topic explains the Treasury External Service Maintenance as a prerequisites in Oracle Banking Treasury Management for integration.

1. Maintain the following details in **Treasury External Service Maintenance (IFDTRXSE)** screen:

Table 1-3   Treasury External Service Maintenance- Field Description

Field	Description
External System	Specify the Source code of external system as ELCM.
External User	Specify the External User. This user should be present in both OBTR and ELCM.
Type	Specify the type as SOAP Request.
Service Name	Specify the service name as ELUtilizationService.
WS Endpoint URL	Specify the Related service name.

2. Facility details are fetched from ELCM and displayed in OBTR through External LOV, and the External LOV is applicable to Web-logic application. To fetch the details from ELCM, user has to maintain an active record in Integration Parameter Maintenance screen (IFDINPRM) with following details:

Table 1-4   Treasury External Service Maintenance- Field Description

Field	Description
Branch Code	Specify the Branch Code. The branch should be present in OBTR and ELCM.
External System	Specify the External User. This user should be present in both OBTR and ELCM.

Table 1-4   (Cont.) Treasury External Service Maintenance- Field Description

Field	Description
External User	User to be provided the below access: • The user should have access for OBTR and ELCM • The user should also have branch access for both OBTR and ELCM
Service Name	Specify the service name as ExtLovServic.
Communication Channel	Specify the Communication Channel as REST.
Communication Mode	Specify the Communication Mode as SYNCHRONOUS.
Communication Layer	Specify the Communication Layer as Application.
Rest Service IP and Port	Specify the ELCM Application IP and Port.
Rest Service Pattern	Specify the Rest Service Pattern as LovService.
Rest Service Context	Specify the Rest Service Context as FCJNeoWeb.

1.2.2 Prerequisites in Oracle Banking Enterprise Limits and Collateral Management

This topic explains the Upload Source maintenance (CODSORCE) as a prerequisites in Oracle Banking Treasury Management and Oracle Banking Enterprise Limits and Collateral Management for integration.

1. Maintain the following details in **Upload Source maintenance (CODSORCE)** screen:

Table 1-5   Upload Source maintenance- Field Description

Field	Description
Source Code	Specify the Source code of external system as OBTR.

2. You have to maintain the following details in **Upload Source Preference maintenance** (IFDTRXSE) screen:

Table 1-6   Upload Source Preference Maintenance- Field Description

Field	Description
Source	Specify the Source code of external system as OBTR.
Module Code	Specify Treasury Module Codes.
On Error	Select either Reject or Blank from the drop-down list. The system perform an action based on the selected value.
On Override	Ignore.
Status	Select the Authorized value from the drop-down list for the OBTR.

3. You have to maintain the following details in **Product Maintenance (GEDPROD)** screen.

Table 1-7   Product Maintenance- Field Description

Field	Description
Module	Specify the Treasury Modules.
Product Code	Specify the Product code for maintaining the restriction in the Facility screen.
Product Type	Specify the product type.

4. You have to maintain the following details in **External System maintenance (GEDEXMNT)** screen.

Table 1-8   External System Maintenance- Field Description

Field	Description
External System Code	Specify the source code of an external system as OBTR.
External System	Specify the External System as FCUBS.
Module	Specify this field as OVD.
WSDL Link	Provide OBTR WSDL URL in this field.

5. You have to maintain the following details in **External System maintenance (GWDETFUN)** screen.

Table 1-9   External System Maintenance- Field Description

Field	Description
External System	Specify the source code of external system as OBTR.
Function	Maintain the related service and operation code for OBTR.

1.3 Integration Process

This topic describes the installation modes and processing of integration maintenance.

This topic contains the following sub- topics:

- Installation Modes
  This topic explains the Installation modes for OBTR and ELCM integration.

- Integration Maintenance and Processing
  This topic explains the maintenance and processing of Integration.

1.3.1 Installation Modes

This topic explains the Installation modes for OBTR and ELCM integration.

ELCM Request Initiation from OBTR:

During transaction booking at OBTR with limits, OBTR will initiate a utilization request to ELCM and waits for the response to be processed at OBTR synchronously. After a transaction is booked at OBTR for the subsequent set of operations OBTR decides on sending the request synchronously or asynchronously based on the parameter maintenance.

OBTR creates the limit request during the online transaction and sends it to the external limit system.

- The response received from the external limit system along with the override and errors are displayed to the user during the transaction

- The user can approve the limits overrides and proceed with the transactions from OBTR

Figure 1-1   OBTR- Limits Transaction- Sync Flow
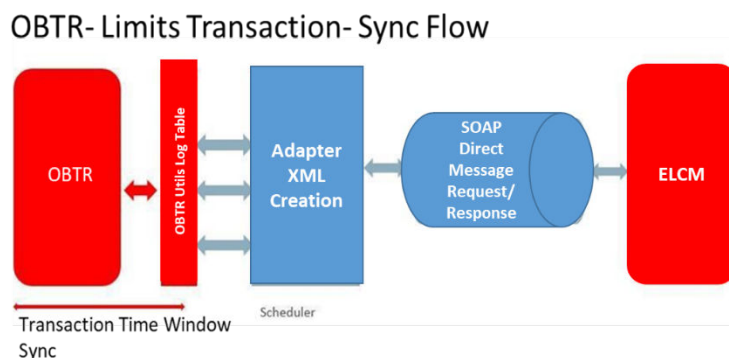
During EOD, ELCM request is processed in the SYNC mode for the modules: MM, DV, OT, SE, SR, and FX. The rest of the modules are processed in the ASYNC mode using the scheduler job- TREXT_ASYNCCALL.

Figure 1-2   OBTR- Limits Transaction- Async Flow
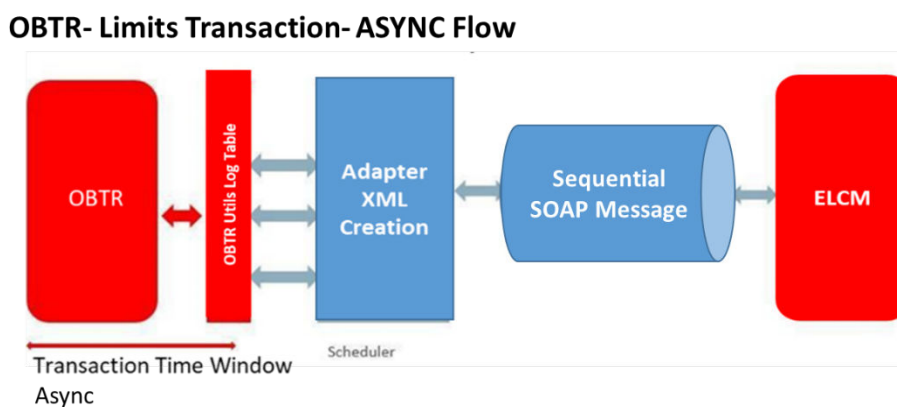
1.3.2 Integration Maintenance and Processing

This topic explains the maintenance and processing of Integration.

If OBTR is installed with external limits, then:

- Replicate the following limit details from the external system to OBTR:

- – Liability details

- – Liability Customer Linkage

- – Facility details

- • You can also link global limits as applicable based on the data replicated from the external system.

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