Oracle Banking Treasury Management - ELCM Integration

Oracle Banking Treasury Management

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Oracle Banking Treasury Management - ELCM 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 Enterprise Limits and Collateral Management (ELCM).

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	*Preface* gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Chapter 2	*OBTR- ELCM Integration* explains the integration between Oracle Banking Treasury Management and Enterprise Limits and Collateral Management.
Chapter 3	*Annexure* provides the details of supported and unsupported functionalities of ELCM.

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
ELCM	Enterprise Limits and Collateral Management
SYNC	Synchronous
ASYNC	Asynchronous
XML	Extensible Markup Language

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 resource:

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

2. OBTR - ELCM Integration

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

This chapter contains the following sections:

- Section 2.1, "OBTR Installation Modes"
- Section 2.2, "Prerequisites"
- Section 2.3, "Integration Process"

2.1 OBTR Installation Modes

This section talks about the OBTR installation modes.

- 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

  – Co-Deployed limits installation - SYNC Method

  – Co-Deployed limits installation - ASYNC Method

Details	**Standalone**		**Co-Deployed**	
	SYNC (1)	ASYNC (2)	SYNC (3)	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

2.2 Prerequisites

The below table explains the parameters to be maintained for the Standalone mode for ELCM integration.

Table: CSTB_PARAM

Parameter	Value
OBTR_EL_COMM_MODE	S
OBTR_EXTERNAL_ACC_CHK_REQ	Y
ELCM_SETUP_MODE	S

2.2.1 Prerequisites in Oracle Banking Treasury Management

The prerequisites in OBTR for this integration are as follows:

- You have to maintain the following details in **Treasury External Service Maintenance (IFDTRXSE)** screen:

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.

- 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:

Field	Description
Branch Code	Specify the Branch Code. The branch should be present in OBTR and ELCM.
External System	Specify the source code of external system as ELCM.
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.

2.2.2 Prerequisites in Oracle Banking Enterprise Limits and Collateral Management

The prerequisites in ELCM for this integration are as follows:

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

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

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

Field	Description
Source Code	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.

- You have to maintain the following details in **Product Maintenance (GEDPROD)** screen:

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.

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

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.

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

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

2.3 Integration Process

This section contains the following topics:

- Section 2.3.1, "Installation Modes"
- Section 2.3.2, "Integration Maintenance and Processing"

2.3.1 Installation Modes

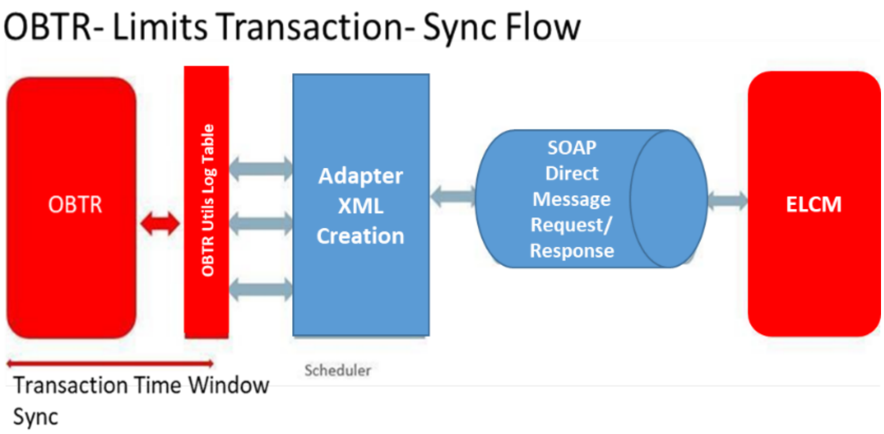
ELCM Request Initiation from OBTR:

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.

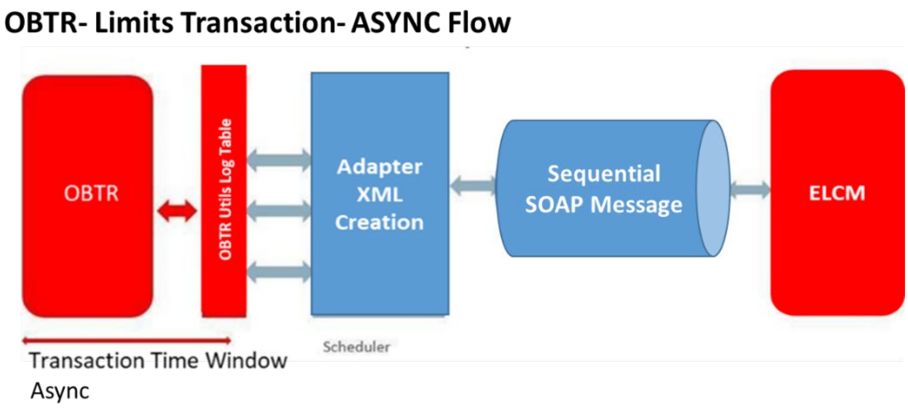
OBTR creates the limit request during the online transaction and sends it to the external limit system

- 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



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.



2.3.2 Integration Processing

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.

3. Function ID Glossary