

Oracle® Banking Treasury Management

Oracle Banking Treasury Management- ELCM Integration



Release 14.7.6.0.0
G31789-01
April 2025

ORACLE®

Copyright © 2020, 2025, Oracle and/or its affiliates.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

1 OBTR- ELCM Integration

1.1	OBTR Installation Modes	1-1
1.2	Prerequisites	1-1
1.2.1	Prerequisites in Oracle Banking Treasury Management	1-2
1.2.2	Prerequisites in Oracle Banking Enterprise Limits and Collateral Management	1-3
1.3	Integration Process	1-4
1.3.1	Installation Modes	1-4
1.3.2	Integration Maintenance and Processing	1-5

Index

Preface

This topic contains the following sub-topics:

- [Purpose](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Related Resources](#)
- [Conventions](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)
- [Symbols and Icons](#)
- [Basic Actions](#)
- [Symbols and Icons](#)

Purpose

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

Audience

This manual is for the following audience:

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

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>.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches](#), [Security Alerts](#) and

Bulletins. All critical patches should be applied in a timely manner to make sure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Related Resources

For more information, see these Oracle resources:

- [Oracle Banking Treasury Management Installation Manuals](#)
- [Common Core - Core Entities and Services User Guide](#)

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table Acronyms and Abbreviations

Acronyms or Abbreviations	Description
ASYNC	Asynchronous
ELCM	Enterprise Limits and Collateral Management
OBTR	Oracle Banking Treasury Management
SYNC	Synchronous

Table (Cont.) Acronyms and Abbreviations

Acronyms or Abbreviations	Description
System	Unless and otherwise specified, it always refers to Oracle Banking Treasury Management
XML	Extensible Markup Language

Symbols and Icons

Table 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.

Basic Actions

Table List of Basic Actions

Action	Description
Approve	Click Approve to approve the initiated report. This button is displayed, once the user click Authorize .
Audit	Click Audit to view the maker details, checker details of the particular record, and record status. This button is displayed only for the records that are already created.
Authorize	Click Authorize to authorize the record created. A maker of the screen is not allowed to authorize the report. Only a checker can authorize a record. This button is displayed only for the already created records.
Close	Click Close to close a record. This action is available only when a record is created.
Confirm	Click Confirm to confirm the performed action.
Cancel	Click Cancel to cancel the performed action.

Table (Cont.) List of Basic Actions

Action	Description
Compare	Click Compare to view the comparison through the field values of old record and the current record. This button is displayed in the widget, once the user click Authorize .
Collapse All	Click Collapse All to hide the details in the sections. This button is displayed, once the user click Compare .
Expand All	Click Expand All to expand and view all the details in the sections. This button is displayed, once the user click Compare .
New	Click New to add a new record. The system displays a new record to specify the required data. Note: The fields which are marked in asterisk red are mandatory fields.
OK	Click OK to confirm the details in the screen.
Save	Click Save to save the details entered or selected in the screen.
View	Click View to view the report details in a particular modification stage. This button is displayed in the widget, once the user click Authorize .
View Difference only	Click View Difference only to view a comparison through the field element values of old record and the current record, which has undergone changes. This button is displayed, once the user click Compare .

Symbols and Icons

The list of symbols and icons available on the screens are as follows:

Table Symbols and Icons - Common

Symbol/Icon	Function
	Minimize
	Maximize
	Close
	Perform Search
	Open a list
	Navigate to the first record
	Navigate to the last record
	Navigate to the previous record

Table (Cont.) Symbols and Icons - Common

Symbol/Icon	Function
	Navigate to the next record
	Grid view
	List view
	Refresh
	Click this icon to add a new row.
	Click this icon to delete a row, which is already added.
	Calendar
	Alerts
	Unlock Option
	View Option
	New
	Enter query
	Execute query
	Copy
	Delete
	Save
	Search
	Advanced search
	Clear all

Table (Cont.) Symbols and Icons - Common

Symbol/Icon	Function
	Reset
	Export
	Print
	View Details
	Sorting

Table Symbols and Icons - Widget

Symbol/Icon	Function
	Open status
	Unauthorized status
	Rejected status
	Closed status
	Authorized status
	Modification Number
	Hold
	Reverse

1

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.
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

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

Field	Description
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.

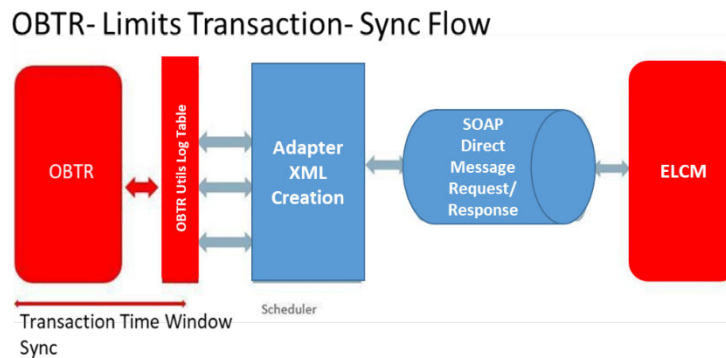
ELCM Request Initiation from OBTR:

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.

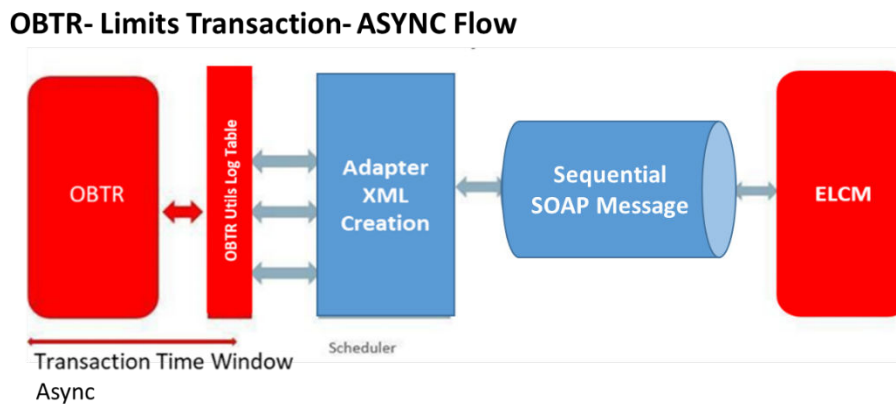
- The response received from the external limit system along with the override and errors are displayed to the user during the transaction
- The user can approve the limits overrides and proceed with the transactions from OBTR

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.

Index

C

CODSORCE, [1-3](#)

G

GEDEXMNT, [1-3](#)

GEDPROD, [1-3](#)

I

IFDTRXSE, [1-3](#)