

Co-deployed Setup User Guide
Oracle Banking Treasury Management

Release 14.4.0.3.0

Part No. F43221-01

February 2021

OBTR-FCUBS Co-deployed Setup User Guide
Oracle Financial Services Software Limited
Oracle Park

Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:

Phone: +91 22 6718 3000

Fax: +91 22 6718 3001

<https://www.oracle.com/industries/financial-services/index.html>

Copyright © 2020, 2021 Oracle and/or its affiliates. All rights reserved.

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

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are “commercial computer software” pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. 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 failsafe, 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.

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.

This software or hardware and documentation may provide access to or information on 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. 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.

Contents

1. Preface	1-1
1.1 Introduction.....	1-1
1.2 Audience.....	1-1
1.3 Documentation Accessibility.....	1-1
1.4 Organization	1-1
1.5 Glossary	1-1
2. Treasury - FCUBS Integration	2-2
2.1 Introduction.....	2-2
2.2 Maintenances to be done in OBTR	2-3
2.3 Maintenances to be done in FCUBS	2-5

1. Preface

1.1 Introduction

This manual is designed to help with Integration for a Co-deployed Set-up of Oracle Banking Treasury Management with Oracle Banking Payments

1.2 Audience

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

Role	Function
Implementation & IT Staff	Implementation & Maintenance of the Software

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 manual is organized into the following chapters:

Chapter	Description
Chapter 1	Preface gives information on the intended audience, chapters covered in this User Manual.
Chapter 2	This chapter helps you co-deploy Oracle Banking Treasury Management & Oracle Banking Payments product in a single instance.

1.5 Glossary

This User Manual may refer to all or some of the following terms:

Abbreviations	Description
OBTR	Oracle Banking Treasury Management
OBPM	Oracle Banking Payments Management
WSDL	Web Services Description Language

2. Treasury - FCUBS Integration

This chapter contains the following sections:

- [Introduction](#)
- [Maintenances to be done in OBTR](#)
- [Maintenances to be done in FCUBS](#)

2.1 Introduction

You can integrate Oracle Banking Treasury Management product (OBTR) with Oracle FLEXCUBE Universal Banking product (FCUBS). To integrate these two products on co-deployed environment, you need to do specific maintenances in OBTR, FCUBS, and Common Core.

2.1.1 FATCA Processing

For OBTR modules, FATCA processing like Obligation and referral will happen within the product. Decision on FATCA referral process will happen inside FCUBS.

2.1.2 External Account processing

2.1.2.1 EAC Interface

External Account Check interface been provided to validate Account of external System (FCUBS). Interface shall validate account while saving a contract/deal. It shall be a synchronous call.

2.1.2.2 ECA Interface

External Credit Approval interface shall block amount from an account that is to be debited for accounting. ECA Block shall happen post saving the record. It shall be an Asynchronous call. A Job shall run and pick the record for ECA processing in External System (FCUBS).

2.1.2.3 EA Interface

External Accounting Interface been provided to do External Accounting for a contract/deal. EA will happen post authorization of contract/deal. It is an Asynchronous call. A Job shall run and pick the record for EA processing in External System (FCUBS).

2.2 Maintenances to be done in OBTR

This section describes the specific maintenance, needed in Oracle Banking Treasury Management (OBTR) to integrate the same with Oracle FLEXCUBE Universal Banking (FCUBS).

2.2.1 Maintenance Required for FATCA processing

This section describes the specific maintenance needed if bank enables FATCA processing in Oracle Banking Treasury Management (OBTR). FATCA should be enabled in OBTR only if it is enabled in FCUBS. FATCA Applicable checkbox in STDTRBNK will enable FATCA processing for OBTR

2.2.1.1 External System Functions Maintenance

1. Maintain the External System Functions (GWDETFUN) for the External system “ROFC” for the service name “OBTRCoreService” with operation code “CreateTRDTBLPO” to receive the customer FATCA related information from FCUBS.

External System Functions

New Copy Close Print Enter Query

External System * ROFC
Function * TRGTBLPO
Action * NEW
Service Name OBTRCoreService
Operation Code CreateTRDTBLPO

Description
Bulk SMS Check

Fields

Maker ADMINUSER2 Date Time: 2019-09-20 12:59:20 Mod No 1 Record Status Open
Checker ADMINUSER2 Date Time: 2019-09-20 12:59:20 Authorization Authorized Status

Exit

2.2.1.2 Upload Source Preference Maintenance

In Upload Source Preference Maintenance screen (CODUPLDM), Post Upload Status field value should be selected as “Authorized”.

Upload Source Preferences Maintenance

New Copy Close Unlock Print Enter Query

Source Code * ROFC
Module Code * TR

Error Handling

On Error * Reject
On Override * Ignore
On Repairable Exception Reject
On Queue Exception Reject

Post Upload

Status * Authorized
Purge Days
Allow Deferred Processing
Allow EOD with Deferred
Deletion Allowed

Function Id Preferences

Maker ADMINUSER2 Date Time: 2019-09-20 17:44:20 Mod No 1 Record Status Open
Checker ADMINUSER2 Date Time: 2019-09-20 17:44:20 Authorization Authorized Status

Exit

2.2.1.3 Treasury External Service Maintenance

Maintain the Treasury External Service Maintenance (IFDTRXSE) for the External system “FCUBS” for the service name “FCUBSCoreService” with respective WS Endpoint URL to send the FATCA obligation and FATCA referral information to FCUBS.

Treasury External Service Maintenance

New Copy Close Unlock Print Enter Query

External System * FCUBS Description FCUBS
External User * ADMINUSER2

1 Of 1 Go

Type	Service Name	WS Endpoint URL	Rest Service Context	Rest Service IP	Rest Service Pattern
<input checked="" type="checkbox"/> SOAP request	FCUBSCoreService	http://whf00blq.in.oracle.com:7023/FCUBSCoreService/FCUBSCoreService?WSDL			

Maker FLEXCUBE Date Time: 2019-09-20 14:46:45 Mod No 2 Record Status Open
Checker SYSTEMAU Date Time: 2019-09-20 15:03:51 Authorization Authorized Status

Ok Exit

Below scheduler jobs is configured for the integration. Ensure the jobs is running.

TREXT_ASYNCALL - Scheduler job for transferring data to FCUBS

2.2.2 Maintenance Required for External Accounting Interface

Refer Core Services User Manual, for the other Day 0 maintenances to be done for OBTR.

2.2.2.1 External System maintenance

User has to maintain data for External System (FCUBS). User should provide external user, WS endpoint URL for the respective Service Name for the External System (FCUBS). External System has to maintained in Upload Source Maintenance (CODSORCE) screen.

Type	Service Name	WS Endpoint URL	Rest Service Context	Rest Service IP	Rest Service Pattern
<input checked="" type="checkbox"/> SOAP request	FCUBSAccService	http://10.10.10.10:1001/			
<input type="checkbox"/> SOAP request	FCUBSCAService	http://10.10.10.10:1001/			
<input type="checkbox"/> SOAP request	FCUBSIFService	http://10.10.10.10:1001/			

2.3 Maintenances to be done in FCUBS

This section describes the specific maintenances needed in Oracle FLEXCUBE Universal Banking (FCUBS) to integrate the same with Oracle Banking Treasury Management (OBTR).

2.3.1 Maintenance Required for FATCA processing

This section describes the specific maintenance needed if bank enables FATCA processing in Oracle Banking Treasury Management (OBTR) where OBTR is integrated with Oracle FLEXCUBE Universal Banking (FCUBS).

2.3.1.1 External System Functions Maintenance

Maintain the External System Functions (GWDEFUN) for the External system "OBTR" for the service name "FCUBSCoreService" with operation code "CreateSTDTBLPO" to receive the FATCA Obligation and FATCA Referral information from OBTR.

External System Functions

New Copy Close Print Enter Query

External System * OBTR
 Function * STGTBLPO
 Action * NEW
 Service Name FCUBSCoreService
 Operation Code CreateSTDTBLPO

Description Treasury
 Bulk SMS Check

Fields

Maker ADMINUSER1 Date Time: 2019-03-22 04:06:44 Mod No 1 Record Status Open
 Checker RAJANI002 Date Time: 2019-03-22 04:10:36 Authorization Authorized Status

Exit

2.3.1.2 Upload Source Preference Maintenance

In Upload Source Preference Maintenance screen (CODUPLDM), Post Upload Status field value should be selected as "Authorized".

Upload Source Preferences Maintenance

New Copy Close Unlock Print Enter Query

Source Code * OBTR
 Module Code * IF

Error Handling

On Error *
 On Override * Ignore
 On Repairable Exception
 On Queue Exception

Post Upload

Status * Authorized
 Purge Days
 Allow Deferred Processing
 Allow EOD with Deferred
 Deletion Allowed

Function Id Preferences

Maker AKANJAIS1 Date Time: 2019-01-31 12:26:00 Mod No 1 Record Status Open
 Checker ADMINUSER2 Date Time: 2019-01-31 12:27:29 Authorization Authorized Status

Exit

2.3.1.3 External Service Maintenance

Maintain the Treasury External Service Maintenance (IFDEXSER) for the External system “OBTR” for the service name “OBTRCoreService” with respective WS Endpoint URL to send the Customer FATCA information to OBTR.

Type	Service Name	WS Endpoint URL	Rest Service Context	Rest Service IP	Rest Service Pattern
SOAP request	OBTRCoreService	http://10.40.152.118:7000			

Below are the scheduler jobs configured for the integration. Make sure that these jobs are running.

EXT_ASYNCALL - Scheduler job for transferring data to OBTR

2.3.2 Maintenance Required for External Accounting Interface

2.3.2.1 External system Maintenance for Gateway

External System maintenance has to be done for Source Code (OBTR) in FCUBS environment in the following screens.

CODSORCE - Upload Source Maintenance

Maintenance has to be done for Source System - OBTR

CODUPLDM - Upload Source Preferences Maintenance

Maintenance has to be done for Source System - OBTR for below mentioned modules

Module	Post Upload Status
ST	Authorized
CA	Authorized
IF	Authorized

GWDETSYS - External System Functions

Maintenance has to be done for External System - OBTR

External System Maintenance

New Copy Close Unlock Print Enter Query

External System

External System * OBTR
Description Treasury

Correlation Pattern

Request Message ID

Message Exchange Pattern

External System Queues

1 Of 1 Go

In Queue	Response Queue
<input checked="" type="checkbox"/> MDB_QUEUE	MDB_QUEUE_RESPOI

FTP Parameters | Fields

Maker AKANJAIS1 Date Time: 2019-01-31 01:18:50 Mod No 1 Record Status Open
Checker AKANJAIS1 Date Time: 2019-01-31 01:18:50 Authorization Authorized Status

Exit

GWDEFUN - External System Maintenance

Maintenance has to be done for External System - OBTR for below mentioned services

Function ID	Service Name	Action Code
STGEACVL	FCUBSAccService	CreateEACAccVal
CAGECABL	FCUBSCAService	CreateEcablk CloseEcablk
IFGEXACC	FCUBSIFService	CreateExtAccEcaEn-tries

External System Functions

New Copy Close Print Enter Query

External System * OBTR Description Treasury

Function * STGEACVL

Action * NEW Bulk SMS Check

Service Name FCUBSAccService

Operation Code CreateEACAccVal

Fields

Maker AKANJAIS1 Date Time: 2019-01-31 12:29:31 Mod No 1 Record Status Open
Checker AKANJAIS1 Date Time: 2019-01-31 12:29:31 Authorization Authorized Status

Exit

SMDUSRDF - User Maintenance

Provide role for all the branches, which are part of Integration, to the External User maintained in IFDTRXSE (Treasury External Service Maintenance).

The screenshot shows the 'User Maintenance' application window with the 'User Details' tab selected. The user information is as follows:

- User Identification: FAISALGW1
- Name: GW USER
- Language: ENG
- Home Branch: 000
- Time Level: 9
- Classification: Staff (selected)
- Multi Branch Access:
- Other RM Customer Access Restricted:
- Show Dashboards:
- Alerts on Home:
- Front-End Debug Enabled:
- External Alerts:
- Auto Authorization:

At the bottom, the record status is 'Open' and the authorization status is 'Authorized'. The user was created by ADMINUSER10 on 2019-03-22 at 08:00:20.

The screenshot shows the 'Roles' tab in the 'User Maintenance' application. It displays a table for 'User Role Mapping' with the following data:

Branch Code	Role	Role Description
<input checked="" type="checkbox"/> 000	ALLROLES	all roles
<input type="checkbox"/> 001	ALLROLES	all roles
<input type="checkbox"/> 002	ALLROLES	all roles
<input type="checkbox"/> 003	ALLROLES	all roles
<input type="checkbox"/> 004	ALLROLES	all roles
<input type="checkbox"/> 005	ALLROLES	all roles
<input type="checkbox"/> 019	ALLROLES	all roles
<input type="checkbox"/> AT3	ALLROLES	all roles
<input type="checkbox"/> DV1	ALLROLES	all roles
<input type="checkbox"/> EC1	ALLROLES	all roles
<input type="checkbox"/> ED1	ALLROLES	all roles
<input type="checkbox"/> ED3	ALLROLES	all roles