

Oracle Banking Treasury Management-
Oracle FLEXCUBE UBS Integration Guide

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OBTR-FCUBS Co-deployed Setup User Guide
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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 FLEXCUBE Universal Banking.

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 FLEXCUBE Universal Banking.

1.5 Abbreviations and Acronyms

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

Abbreviations	Description
OBTR	Oracle Banking Treasury Management
FCUBS	FLEXCUBE Universal Banking
FATCA	Foreign Account Tax Compliance Act
EAC	External Account Check
ECA	External Credit Approval
EA	External Accounting

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 (EAC) 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 (ECA) interface shall block amount from an account that is to be debited for accounting.

For online transactions, ECA Block shall happen post saving the record. A Job shall run and pick the record for ECA processing in External System (FCUBS) post which the ECA block check will happen during authorization.

During EOD, the system will not force debit account without any ECA check.

For the events which debit transaction from the customer (ECA enabled), the ECA check will be available for all the modules: MM, SR, and FX. ECA support will not be available for other modules during EOD batch process.

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.

The screenshot shows a web-based form titled "External System Functions". At the top, there are "New" and "Enter Query" buttons. The form contains several input fields: "External System *" (with a red asterisk), "Function *" (with a red asterisk), "Action *" (with a red asterisk), "Service Name", and "Operation Code". To the right of these fields is a "Description" field containing the text "Bulk SMS Check". Below the main form area is a "Fields" section with a table-like structure. The table has columns for "Maker", "Checker", "Date Time:", "Date Time:", "Mod No", "Record Status", and "Authorization Status". An "Exit" button is located in the bottom right corner of the form.

2.2.1.2 Upload Source Preference Maintenance

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

Upload Source Preferences Maintenance

New Enter Query

Source Code *
Module Code *

Error Handling

On Error * Reject
On Override * Ignore

Post Upload

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

Function Id Preferences

Maker Date Time: Mod No Record Status
Checker Date Time: Authorization 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.

In the Treasury External Service Maintenance screen, the multi-entity feature is supported and the user can amend the Entity ID. For more information, refer to section 2.19 in Core Entities and Services User Guide.

Treasury External Service Maintenance

New Enter Query

External System *
External User *
Maximum Retry Count 0

Description
Entity ID

1 Of 1 Go

Type	Service Name	WS Endpoint URL	Rest Service Context	Rest HTTP Type	Rest Service IP	Rest Service Pattern	Rest Service Port
------	--------------	-----------------	----------------------	----------------	-----------------	----------------------	-------------------

Maker Date Time: Mod No Record Status
Checker Date Time: Authorization Status

Ok Exit

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

TREXT_ASYNCCALL - 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.

The screenshot shows the 'External System Functions' window. It has a title bar with 'External System Functions' and standard window controls. Below the title bar are 'New' and 'Enter Query' buttons. The main area contains several input fields: 'External System *', 'Function *', 'Action *', 'Service Name', and 'Operation Code'. To the right, there is a 'Description' field with the text 'Bulk SMS Check'. At the bottom, there is a 'Fields' section with columns for 'Maker', 'Checker', 'Date Time:', 'Mod No', 'Record Status', and 'Authorization Status'. An 'Exit' button is located in the bottom right corner.

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”.

The screenshot shows the 'Upload Source Preferences Maintenance' window. It has a title bar with 'Upload Source Preferences Maintenance' and standard window controls. Below the title bar are 'New' and 'Enter Query' buttons. The main area contains several input fields: 'Source Code *', 'Module Code *', 'On Error *' (with a dropdown menu set to 'Reject'), and 'On Override *' (with a dropdown menu set to 'Ignore'). To the right, there is a 'Post Upload' section with a 'Status *' dropdown menu set to 'Authorized'. Below this, there are three checkboxes: 'Purge Days', 'Allow Deferred Processing', 'Allow EOD with Deferred', and 'Deletion Allowed'. At the bottom, there is a 'Function Id Preferences' section with columns for 'Maker', 'Checker', 'Date Time:', 'Mod No', 'Record Status', and 'Authorization Status'. An 'Exit' button is located in the bottom right corner.

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
<input checked="" type="checkbox"/> SOAP request	OBTRDVService	http://10.40.81.168:7026/OBTRDVService/OBTRDVService?WSDL			
<input type="checkbox"/> SOAP request	OBTRRETDService	http://10.40.81.168:7026/OBTRRETDService/OBTRRETDService?wsdl			
<input type="checkbox"/> SOAP request	OBTRFXService	http://10.40.81.168:7026/OBTRFXService/OBTRFXService?wsdl			

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

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

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 window title is 'User Maintenance' and it has a 'New' button and an 'Enter Query' field. The 'User Details' section includes the following fields and options:

- User Identification ***: Name *
- Language ***
- Home Branch ***
- Time Level ***
- Department Code
- Department Description
- Amount Format (dropdown)
- Number Format Mask: XXX,XXX,XXX,XXX; XX,XX,XX,XX,XXX
- Date Format (dropdown)
- Supervisor Identification
- Supervisor Name
- Classification: Staff; Branch
- Multi Branch Access
- Other RM Customer Access Restricted
- Show Dashboards
- Alerts on Home
- Front-End Debug Enabled (checked)
- External Alerts
- Access to Other Staff Accounts: Nonrestricted (dropdown)
- Customer No

At the bottom of the window, there is a navigation bar with the following tabs: Roles | Rights | Functions | Account Classes | Branches | Products | Disallowed Functions | Fields | Centralized Role | Dashboard Mapping. Below the navigation bar, there are fields for Maker, Checker, Date Time, Mod No, Record Status, and Authorization Status, along with an 'Exit' button.

The screenshot shows the 'User Maintenance' application window with the 'Roles' tab selected. The window title is 'User Maintenance' and it has a close button. The 'Roles' section includes the following elements:

- User Role Mapping**: A header with navigation arrows and a 'Go' button.
- Table**: A table with columns for Branch Code *, Role *, and Role Description. The table is currently empty.
- Buttons**: 'Ok' and 'Exit' buttons at the bottom right.