

Oracle FLEXCUBE UBS - OBTR Integration User Guide

Oracle FLEXCUBE Universal Banking

Release 14.5.2.0.0

Part No. F45976-01

August 2021

Copyright

COPYRIGHT: 2007, 2021

COPYRIGHT HOLDER: ORACLE

Product Name: Oracle Financial Software Services, Oracle park, off western express highway, Goregaon (east) mumbai, Maharashtra 400 063, India, Phone Number - 91-22 6718 3000, 91-22 6718 3001. www.oracle.com/financial-services

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 de-compilation 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.

Preface	1
About This Manual	1
Audience	1
Documentation Accessibility.....	1
Organization	1
Integration Guide	2
Maintenances to be done in FCUBS	2
External Service Maintenance (OBTR)	2
OBTR Maintenances	5
Upload Source Preference Maintenance.....	6
External System Function Maintenance	6
Glossary	11

1. Preface

This topic explains about the information about this manual.

1.1 About This Manual

This manual is designed to help with Integration for Oracle Banking Treasury 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/look up?ctx=acc&id=docacc>

1.4 Organization

This manual is organized into the following chapters:

Chapter	Description
Chapter 1	Information about this Manual is specified in this section
Chapter 2	This chapter helps you the integration of Oracle FLEXCUBE Universal Banking & Oracle Banking Treasury product in a single instance.

2. Integration Guide

This topic explains the functions and features of an Integration guide.

Introduction

You can integrate the Oracle Banking Treasury product (OBTR) with the Oracle FLEXCUBE Universal Banking product (FCUBS). The specific steps needed for the integration of these two products and specific maintenances needed are briefed on this document.

Maintenance for Gateway:

GWDETFUN - Gateway External system function maintenance



Ensure the Gateway setup for the following services is maintained in OBTR for external source system as EXTSYS:

Service Name	Operation Code
OBTRFXService	QueryContractListDtl
OBTRDVService	SummaryQueryDVContract
OBTRETDService	SummaryQueryETDPortfolio
OBTRIDService	SummaryQueryIDContract
OBTRMCService	SummaryQueryMCIContract
OBTRMMService	SummaryQueryMMContract
OBTROTSservice	SummaryQueryOTContract
OBTRSecuritiesService	SummaryQuerySEPortfolio

Source: FCUBS and User: SYSTEM

CODUPLDM - Upload Source Preferences maintenance



Ensure Upload Source preference setup for following modules are maintained in OBTR for external source system as FCUBS:

Module	Post Upload Status
IF	Authorized

2.1 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 (OBTR).

2.1.1 External Service Maintenance (OBTR)

Maintain an active record in the External Service Maintenance screen (IFDEXSER) with field external system as "OBTR" for different service codes with all required fields in the detailed section of this screen.

Customer 360 (STDCUSVW) screen – To display Treasury data, please do the below maintenance.

- For FX Service - maintain the service name as 'OBTRFXService' with the below Service details:
 - External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
 - Service Name – Specify the service name (OBTRFXService). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
 - Operation Code – SummaryQueryIDContract
 - External User Option - Provide the User to be used in Gateway request.
 - WS Endpoint URL - Provide the WDSL URL of OBTR Service.
- For DV Service - maintain the service name as 'OBTRDVService' with the below Service details:
 - External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
 - Service Name – Specify the service name (OBTRDVService). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
 - Operation Code – SummaryQueryDVContract
 - External User Option - Provide the User to be used in Gateway request.
 - WS Endpoint URL - Provide the WDSL URL of OBTR Service.
- For ETD Service - maintain the service name as 'OBTRETDService' with the below Service details:
 - External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
 - Service Name – Specify the service name (OBTRETDService). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
 - Operation Code – SummaryQueryETDPortfolio
 - External User Option - Provide the User to be used in Gateway request.
 - WS Endpoint URL - Provide the WDSL URL of OBTR Service.
- For ID Service - maintain the service name as 'OBTRIDService' with the below Service details:
 - External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
 - Service Name – Specify the service name (OBTRIDService). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
 - Operation Code – SummaryQueryIDContract
 - External User Option - Provide the User to be used in Gateway request.
 - WS Endpoint URL - Provide the WDSL URL of OBTR Service.
- For MC Service - maintain the service name as 'OBTRMCService' with the below Service details:

-
- External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
 - Service Name – Specify the service name (OBTRMCService). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
 - Operation Code – SummaryQueryMCContract
 - External User Option - Provide the User to be used in Gateway request.
 - WS Endpoint URL - Provide the WDSL URL of OBTR Service.
 - For MM Service - maintain the service name as 'OBTRMMService' with the below Service details:
 - External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
 - Service Name – Specify the service name (OBTRMMService). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
 - Operation Code – SummaryQueryMMContract
 - External User Option - Provide the User to be used in Gateway request.
 - WS Endpoint URL - Provide the WDSL URL of OBTR Service.
 - For OT Service - maintain the service name as 'OBTROTSERVICE' with the below Service details:
 - External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
 - Service Name – Specify the service name (OBTROTSERVICE). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
 - Operation Code – SummaryQueryOTContract
 - External User Option - Provide the User to be used in Gateway request.
 - WS Endpoint URL - Provide the WDSL URL of OBTR Service.
 - For SE Service - maintain the service name as 'OBTRSecuritiesService' with the below Service details:
 - External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
 - Service Name – Specify the service name (OBTRSecuritiesService). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
 - Operation Code – SummaryQuerySEPortfolio
 - External User Option - Provide the User to be used in Gateway request.
 - WS Endpoint URL - Provide the WDSL URL of OBTR Service.

Figure 2.1: External Service Maintenance

External Service Maintenance

New

Delete

Unlock

Authorize

Enter Query

External System * OBTR

External User * ENGUSER1

Description

Treasury

1 Of 1

Go

☐	Type	Service Name	WS Endpoint URL	Rest Service Context	Rest Service IP	Rest
☒	SOAP request	OBTRDVService	http://10.40.81.168:7026/OBTRDVService/OBTRDVService?WSDL			
☐	SOAP request	OBTRETDService	http://10.40.81.168:7026/OBTRETDService/OBTR ETDSERVICE?wsdl			
☐	SOAP request	OBTRFXService	http://10.40.81.168:7026/OBTRFXService/OBTRFXService?wsdl			

Maker

Checker MANOJ2

Date Time: undefined

Date Time: 2020-03-26 18:04:27

Mod No

Record Status

Authorization Status

OK

Exit

2.2 OBTR Maintenances

This topic describes the systematic instruction to maintain Oracle Banking Treasury (OBTR).

2.2.1 Upload Source Preference Maintenance

This topic describes the systematic instruction about the External Service Maintenance

PREREQUISITE:

Specify **User Id** and **Password**, and login to **Home screen**.

CONTEXT:

The maintenance required in Oracle Banking Treasury (OBTR) to integrate with Oracle FLEXCUBE Universal Banking (FCUBS) is described in this section.

1. On **Home screen**, specify **CODUPLDM** in the text box, and click next arrow.

STEP RESULT: **Upload Source Preferences Maintenance** screen is displayed.

Figure 2.2: Upload Source Preference Maintenance Screen

Upload Source Preferences Maintenance

New Copy Close Unlock Print Enter Query

Source Code * EXTSYS

Module Code * IF

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 PALANI_MK Date Time: 2020-03-16 11:42:52 Mod No 1 Record Status Open

Checker PALANI_CHK Date Time: 2020-03-16 11:43:27 Authorization Authorized Status

Exit

2.3 External System Function Maintenance

1. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDEFUN**) in FCUBS, for the service names "OBTRFX-Service" and "SummaryQueryContract" with their respective operation codes. On **Home screen**, specify **GWDEFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

Figure 2.3: External System Functions Screen

The screenshot shows a web application window titled "External System Functions". At the top, there are tabs for "New" and "Enter Query". Below the tabs, there are several input fields: "External System *" (red text), "Function *" (red text), "Action *" (red text), "Service Name", and "Operation Code". To the right of these fields is a "Description" field with a dropdown menu showing "Bulk SMS Check". At the bottom of the window, there is a "Fields" section with a table containing the following columns: "Maker", "Date Time:", "Mod No", "Record Status", and "Authorization Status". The "Maker" column has a sub-column "Checker". There is an "Exit" button in the bottom right corner.

2. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDETFUN**) in FCUBS, for the service names "OBTRDV-Service" and "SummaryQueryDVContract" with their respective operation codes. On **Home screen**, specify **GWDETFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

Figure 2.4: External System Functions Screen

This screenshot is identical to the one in Figure 2.3, showing the "External System Functions" screen with the same input fields and layout.

3. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDETFUN**) in FCUBS, for the service names "OBTRETDService" and "SummaryQueryETDPortfolio" with their respective operation codes. On **Home screen**, specify **GWDETFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

Figure 2.5: External System Functions Screen

The screenshot shows a web application window titled "External System Functions". At the top, there are buttons for "New" and "Enter Query". Below these, there are 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, which contains the text "Bulk SMS Check". Below the input fields, there is a section labeled "Fields" which contains a table with the following columns: "Maker", "Date Time:", "Mod No", "Record Status", and "Authorization Status". The "Maker" column has the value "Checker" below it. The "Date Time:" column has the value "Date Time:" below it. The "Mod No" column is empty. The "Record Status" column is empty. The "Authorization Status" column is empty. There is an "Exit" button in the bottom right corner of the "Fields" section.

4. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDETFUN**) in FCUBS, for the service names "OBTRID-Service" and "SummaryQueryIDContract" with their respective operation codes. On **Home screen**, specify **GWDETFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

Figure 2.6: External System Functions Screen

This screenshot is identical to the one in Figure 2.5, showing the "External System Functions" screen with the same input fields and "Fields" section.

5. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDETFUN**) in FCUBS, for the service names "OBTRMCService" and "SummaryQueryMCIDContract" with their respective operation codes. On **Home screen**, specify **GWDETFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

Figure 2.7: External System Functions Screen

The screenshot shows a web application window titled "External System Functions". At the top, there are buttons for "New" and "Enter Query". Below these, there are 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, which contains the text "Bulk SMS Check". Below the input fields, there is a section labeled "Fields" which contains a table with the following columns: "Maker", "Date Time:", "Mod No", "Record Status", and "Authorization Status". The "Maker" column has the value "Checker". The "Date Time:" column has the value "Date Time:". The "Mod No" column has the value "Mod No". The "Record Status" column has the value "Record Status". The "Authorization Status" column has the value "Authorization Status". There is an "Exit" button in the bottom right corner of the "Fields" section.

6. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDETFUN**) in FCUBS, for the service names "OBTRMMService" and "SummaryQueryMMContract" with their respective operation codes. On **Home screen**, specify **GWDETFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

Figure 2.8: External System Functions Screen

This screenshot is identical to the one in Figure 2.7, showing the "External System Functions" screen with the same input fields and "Fields" section.

7. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDETFUN**) in FCUBS, for the service names "OBTRO-TService" and "SummaryQueryOTContract" with their respective operation codes. On **Home screen**, specify **GWDETFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

Figure 2.9: External System Functions Screen

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

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

8. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDETFUN**) in FCUBS, for the service names "OBTR-SecuritiesService" and "SummaryQuerySEPortfolio" with their respective operation codes. On **Home screen**, specify **GWDETFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

Figure 2.10: External System Functions Screen

This screenshot is identical to Figure 2.9, showing the "External System Functions" screen with the same input fields, description, and fields table.

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

3. Glossary

FCUBS

[2. Integration Guide](#) (p. 2)

OBTR

[2. Integration Guide](#) (p. 2)

CODUPLDM

[2.2.1 Upload Source Preference Maintenance](#) (p. 6)

GWDETFUN

[2.3 External System Function Maintenance](#) (p. 6)