Oracle® Banking Treasury Management

Oracle Banking Treasury Management-Oracle FLEXCUBE Integration User Guide

ORACLE®

Oracle Banking Treasury Management Oracle Banking Treasury Management- Oracle FLEXCUBE Integration User Guide, Release 14.7.0.0.0

F71233-02

Contents

Preface

1 Treasury- FCUBS Integration

Index

Preface

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

This preface contains the following topics:

- Audience
- List of Topics
- Acronyms and Abbreviations
- Symbols, Definitions and Abbreviations
- Conventions

Audience

This manual is intended for the Implementation Teams and IT Staff.

List of Topics

This guide is organized as follows:

Table 1   List of Topics

Topics	Description
Treasury- FCUBS Integration	Explains the integration between Oracle Banking Treasury Management and Oracle FLEXCUBE Universal Banking.

Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table 2   Acronyms and Abbreviations

Acronyms or Abbreviations	Description
EA	External Accounting
EAC	External Account Check
ECA	External Credit Approval
FCUBS	FLEXCUBE Universal Banking
OBTR	Oracle Banking Treasury Management

Symbols, Definitions and Abbreviations

Table 3   Symbols

Icons	Function
✕	Exit
+	Add row
−	Delete row
🔍	Option List

The images used in the documentation are of illustration purpose and need to be used only for reference.

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.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1
Treasury- FCUBS Integration

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 maintenance in OBTR, FCUBS, and Common Core.

This topic has the following sub-topics:

- FATCA Processing
  This topic explains the processing of FATCA in Oracle Banking Treasury Management.

- External Account processing
  This topic explains the EAC interface, ECA, and EA interface.

- Maintenance Required in OBTR
  This topic describes the specific maintenance needed in Oracle Banking Treasury Management (OBTR) to integrate it with Oracle FLEXCUBE Universal Banking (FCUBS).

- Maintenance Required in FCUBS
  This topic explains the FATCA processing Maintenance, External System Maintenance, Upload Preference Maintenance, and External Service Maintenance required in FCUBS for integration with OBTR.

1.1 FATCA Processing

This topic explains the processing of FATCA in Oracle Banking Treasury Management.

For Oracle Banking Treasury Management modules, FATCA processing like Obligation and referral happen within the product. Decision on FATCA referral process happen inside the FCUBS.

1.2 External Account processing

This topic explains the EAC interface, ECA, and EA interface.

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.

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 force debit account without any ECA check.

> **Note:**
>
> ECA check is applicable only for FX auto liquidation batch during EOD. The system performs ECA check for debit transactions and in case of insufficient balance, the system logs the FX contract in exception table and go ahead with further EOD processing.

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).

1.3 Maintenance Required in OBTR

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

This topic has the following sub-topics:

- Maintenance Required for FATCA processing
  This section describes the specific maintenance needed if bank enables FATCA processing in Oracle Banking Treasury Management (OBTR).

- Maintenance Required for External Accounting Interface
  This topic provides the details on Day 0 maintenance to be done in OBTR.

1.3.1 Maintenance Required for FATCA processing

This section describes the specific maintenance needed if bank enables FATCA processing in Oracle Banking Treasury Management (OBTR).

FATCA should be enabled in OBTR only if it is enabled in FCUBS. FATCA Applicable check box in STDTRBNK will enable FATCA processing for OBTR.

This topic has the following sub-topics:

- External System Functions Maintenance
  The systematic instruction to maintain the External System Functions is described in this topic.

- Upload Source Preference Maintenance
  The systematic instructions to perform Upload Source Preference Maintenance is described in this topic.

- Treasury External Service Maintenance
  The systematic instruction to perform Treasury External Service Maintenance is described in this topic.

1.3.1.1 External System Functions Maintenance

The systematic instruction to maintain the External System Functions is described in this topic.

To maintain the External System Functions for the External system "ROFC" for the service name "OBTRCoreService" with operation code "CreateTRDTBLPO" to receive the customer FATCA related information from FCUBS.

1. On the Home page, enter **GWDETFUN** in the text box and then click the next arrow.

   The **External System Functions** page is displayed.

   Figure 1-1   External System Functions

2. On the **External System Functions Maintenance** screen, specify the fields.

   For more information on the fields, refer to the below table.

   Table 1-1   External System Function Maintenance- Field Description

Field	Description
External System	Specify the External System.
Function	Specify the Function.
Action	Specify the Action.
Service Name	Specify the Service Name.
Operation Code	Specify the Operation Code.
Description	Specify the Description.
Bulk SMS Check	Specify the Bulk SMS Check.

1.3.1.2 Upload Source Preference Maintenance

The systematic instructions to perform Upload Source Preference Maintenance is described in this topic.

.

> **✎ Note:**
>
> All the fields with the asterisk (*) symbol are mandatory.

1. On the Home page, enter the **CODUPLDM** in the text box and then click the next arrow.

   The **Upload Source Preference Maintenance** screen is displayed.

Figure 1-2   Upload Source Preference Maintenance

2. On the **Upload Source Preference Maintenance** screen, specify the fields.

Table 1-2   Upload Source Preference Maintenance- Field Description

Field	Description
Source Code	Specify the Source Code.
Module Code	Specify the Module Code.
On Error	Select the On Error details from the drop-down list.
On Override	Select the On Override details from the drop- down list.
Status	Select the Status from the drop- down list.
Purge Days	Specify the Purge Days.

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

1.3.1.3 Treasury External Service Maintenance

The systematic instruction to perform Treasury External Service Maintenance is described in this topic.

For the service name "FCUBSCoreService" with respective WS Endpoint URL, perform the Treasury External Service Maintenance for the External system "FCUBS" to send the FATCA obligation and FATCA referral information to FCUBS.

1. On the Home page, enter the **IFDTRXSE** in the text box and then click the next arrow.

   The **Treasury External Service Maintenance** screen is displayed.

Figure 1-3   Treasury External Service Maintenance

2. On the **Treasury External Service Maintenance** screen, specify the fields.

   Below scheduler jobs is configured for the integration. Ensure the jobs are running. TREXT_ASYNCCALL - Scheduler job is for transferring data to FCUBS

1.3.2 Maintenance Required for External Accounting Interface

This topic provides the details on Day 0 maintenance to be done in OBTR.

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

This topic has the following sub-topic:

- External System Functions Maintenance
  The systematic instruction to maintain the External System Functions is described in this topic.

1.3.2.1 External System Functions Maintenance

The systematic instruction to maintain the External System Functions is described in this topic.

To maintain the External System Functions for the External system "ROFC" for the service name "OBTRCoreService" with operation code "CreateTRDTBLPO" to receive the customer FATCA related information from FCUBS.

1. On the Home page, enter **GWDETFUN** in the text box and then click the next arrow.

   The **External System Functions** page is displayed.

Figure 1-4   External System Functions

2. On the **External System Functions Maintenance** screen, specify the fields.

    For more information on the fields, refer to the below table.

Table 1-3   External System Function Maintenance- Field Description

Field	Description
External System	Specify the External System.
Function	Specify the Function.
Action	Specify the Action.
Service Name	Specify the Service Name.
Operation Code	Specify the Operation Code.
Description	Specify the Description.
Bulk SMS Check	Specify the Bulk SMS Check.

1.4 Maintenance Required in FCUBS

This topic explains the FATCA processing Maintenance, External System Maintenance, Upload Preference Maintenance, and External Service Maintenance required in FCUBS for integration with OBTR.

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

This topic has the following sub-topics:

- Maintenance Required for FATCA processing
  This topic describes the maintenance required for FATCA processing in Oracle Banking Treasury Management.

- External system Maintenance for Gateway
  This topic explains the maintenance required for external accounting interface and external system maintenance for Gateway.

1.4.1 Maintenance Required for FATCA processing

This topic describes the maintenance required for FATCA processing in Oracle Banking Treasury Management.

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).

This topic has following sub-topics:

*   External System Functions Maintenance
    The systematic instruction to perform External system Functions Maintenance is explained in this topic.

*   Upload Source Preference Maintenance
    The systematic instructions to perform Upload Source Preference Maintenance is described in this topic.

*   FCUBS External Service Maintenance
    The systematic instruction to perform Treasury External Service Maintenance is described in this topic.

1.4.1.1 External System Functions Maintenance

The systematic instruction to perform External system Functions Maintenance is explained in this topic.

For the service name "FCUBSCoreService" with operation code "CreateSTDTBLPO", maintain the External System Functions for the External system "OBTR" to receive the FATCA Obligation and FATCA Referral information from OBTR.

1. On the Home page, enter the **GWDETFUN** , and then click the next arrow.

    The **External System Functions** is screen is displayed.

Figure 1-5   External System Maintenance

2. On the **External System Functions Maintenance** screen, specify the fields.

For more information on the fields, refer to the below table.

Table 1-4   External System Function Maintenance - Field Description

Field	Description
External System	Specify the External System.
Function	Specify the Function.
Action	Specify the Action.
Service Name	Specify the Service Name.
Operation Code	Specify the Operation Code.
Description	Specify the Description.
Bulk SMS Check	Specify the Bulk SMS Check.

1.4.1.2 Upload Source Preference Maintenance

The systematic instructions to perform Upload Source Preference Maintenance is described in this topic.

The maintenance for the OBTR source system must be done in the below modules:

Table 1-5   Modules with Post Upload Status

Function ID	Service Name
ST	Authorized
CA	Authorized
IF	Authorized

> **Note:**
>
> All the fields with the asterisk (*) symbol are mandatory.

1. On the Home page, enter the **CODUPLDM** in the text box and then click the next arrow.

The **Upload Source Preference Maintenance** screen is displayed.

Figure 1-6   Upload Source Preference Maintenance

2. On the **Upload Source Preference Maintenance** screen, specify the fields.

Table 1-6   Upload Source Preference Maintenance- Field Description

Field	Description
Source Code	Specify the Source Code.
Module Code	Specify the Module Code.
On Error	Select the On Error details from the drop-down list.
On Override	Select the On Override details from the drop- down list.
Status	Select the Status from the drop- down list.
Purge Days	Specify the Purge Days.

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

1.4.1.3 FCUBS External Service Maintenance

The systematic instruction to perform Treasury External Service Maintenance is described in this topic.

For the service name "OBTRCoreService" with respective WS Endpoint URL, perform the Treasury External Service Maintenance for the External system "FCUBS" to send the FATCA obligation and FATCA referral information to FCUBS.

1. On the Home page, enter the **IFDEXSER** in the text box and then click the next arrow.

The **External Service Maintenance** screen is displayed.

Figure 1-7   External Service Maintenance

2. On the **External Service Maintenance** screen, specify the fields.

Below scheduler jobs is configured for the integration. Ensure the jobs are running. EXT_ASYNCCALL - Scheduler job is for transferring data to OBTR

1.4.2 External system Maintenance for Gateway

This topic explains the maintenance required for external accounting interface and external system maintenance for Gateway.

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

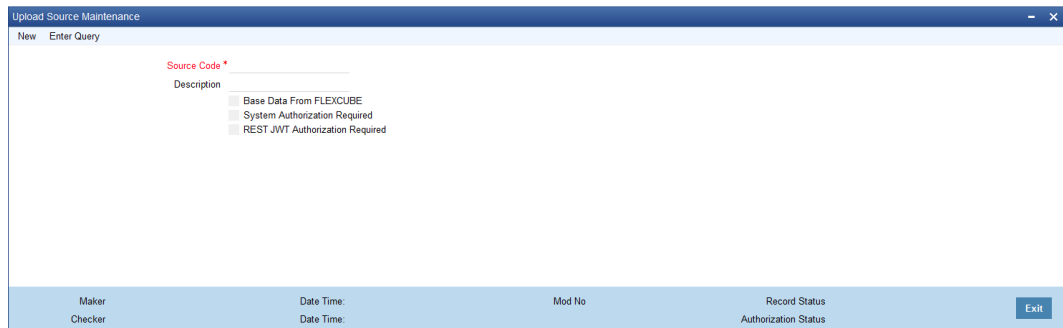This topic has following sub-topics:

- Upload Source Maintenance
  The systematic instruction to perform is described in this Upload Source Maintenance topic.

- Upload Source Preference Maintenance
  The systematic instructions to perform Upload Source Preference Maintenance is described in this topic.

- User Maintenance
  The systematic instructions to perform User Maintenance is described in this topic.

1.4.2.1 Upload Source Maintenance

The systematic instruction to perform is described in this Upload Source Maintenance topic.

1. On the Home page, enter the **CODSORCE** in the text field and then click the next arrow.

The **Upload Source Maintenance** screen is displayed.

Figure 1-8   Upload Source Maintenance

2. On the **Upload Source Maintenance** screen, specify the field.

    For more information on fields, refer to the field description table.

Table 1-7   Upload Source Maintenance- Field Description

Field	Description
Source Code	Specify the source code.
Description	Displays the Description of Source Code.
'**Base Data From FLEXCUBE**	Select this Base Data From FLEXCUBE check box.
System Authorization Required	Select this System Authorization Required check box.
REST JWT Authorization Required	Select this REST JWT Authorization Required check box.

1.4.2.2 Upload Source Preference Maintenance

The systematic instructions to perform Upload Source Preference Maintenance is described in this topic.

The maintenance for the OBTR source system must be done in the below modules:

Table 1-8   Modules with Post Upload Status

Function ID	Service Name
ST	Authorized
CA	Authorized
IF	Authorized

> ✎ **Note:**
>
> All the fields with the asterisk (*) symbol are mandatory.

1. On the Home page, enter the **CODUPLDM** in the text box and then click the next arrow.

    The **Upload Source Preference Maintenance** screen is displayed.

Figure 1-9   Upload Source Preference Maintenance

2. On the **Upload Source Preference Maintenance** screen, specify the fields.

Table 1-9   Upload Source Preference Maintenance- Field Description

Field	Description
Source Code	Specify the Source Code.
Module Code	Specify the Module Code.
On Error	Select the On Error details from the drop-down list.
On Override	Select the On Override details from the drop- down list.
Status	Select the Status from the drop- down list.
Purge Days	Specify the Purge Days.

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

1.4.2.3 User Maintenance

The systematic instructions to perform User Maintenance is described in this topic.

The External User details with the roles for all the branches which are part of Integration are maintained in Treasury External Service Maintenance.

1. On the Home page, enter the **SMDUSRDF** in the text box and then click the next arrow.

The **User Maintenance** screen is displayed.

Figure 1-10   User Maintenance

2. On the **User Maintenance** screen, specify the fields.

3. On the **User Maintenance** screen, click **Roles**.

   The **Roles**page is displayed.

Figure 1-11   Roles

Index