Oracle Banking Corporate Lending - OFSAA Integration

Oracle Banking Corporate Lending

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Oracle Banking Corporate Lending - OFSAA Integration User Guide
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Contents

1. Preface

1.1 Introduction

This document helps you acquaint with the information on inter-connecting Oracle Banking Corporate Lending (OBCL) with Oracle Financial Services Analytical Application (OFSAA).

Besides this user manual, while maintaining the interface related details, you can invoke the context sensitive help available for each field in OBCL. This help describes the purpose of each field within a screen. You can obtain this information by placing the cursor on the relevant field and striking the <F1> key on the keyboard.

1.2 Audience

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

Role	Function
Back office data entry Clerks	Input functions for maintenance related to the interface
End of day operators	Processing during end of day
Implementation Teams	For setting up integration

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 chapter is organized into following chapters:

Chapter	Description
Chapter 1	*Preface* gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Chapter 2	*OBCL - OFSAA Integration* explains the integration between OBCL and Oracle Financial Services Analytical Applications.
Chapter 3	*Annexure* provides the details of data exchange.

1.5 Acronyms and Abbreviations

Abbreviation	Description
System	Unless and otherwise specified, it always refers to Oracle FLEXCUBE Universal Banking system
FCUBS	Oracle FLEXCUBE Universal Banking System
OFSAA	Oracle Financial Services Analytical Applications
DIH	Data Integration Hub
Source System	Oracle Banking Corporate Lending (OBCL)
EOD	End of Day
EOFI	End of Financial Input
OBCL	Oracle Banking Corporate Lending
OL	Oracle Lending
OD	Overdraft

1.6 Glossary of Icons

This user manual may refer to all or some of the following icons.

Icons	Function
	Exit
	Add row
	Delete row
	Option List

1.7 Related Information Sources

Along with this user manual you may also refer the following related resources:

- Oracle Banking Corporate Lending Installation Manual
- OBCL-OFSAA Data Transfer matrix

2. OBCL - OFSAA Integration

The integration between the Oracle Banking Corporate Lending (OBCL) and the Oracle Financial Services Analytical Applications (OFSAA) enables the financial institutions to:

- get insights to customer patterns based on the data captured in core banking
- achieve end-to-end improvement in business delivery
- achieve effective performance and risk free management using the available customer data

The integration between OBCL and OFSAA enables you transfer data from OBCL to OFSAA. The transfer of data from OBCL to OFSAA is performed through staging table using DIH connector.

This chapter contains the following sections:

- Section 2.1, "Scope"
- Section 2.2, "Prerequisites in Oracle Banking Corporate Lending"
- Section 2.3, "Prerequisites in Oracle Financial Services Analytical Applications"
- Section 2.4, "Integration Architecture"
- Section 2.5, "Integration Process"
- Section 2.7, "Assumptions"

2.1 Scope

This section describes the scope of the integration with respect to each system, i.e. OBCL and OFSAA.

This section contains the following topics:

- Section 2.1.1, "Integration Scope in Oracle Banking Corporate Lending"
- Section 2.1.2, "Integration Scope in Oracle Financial Services Analytical Applications"

2.1.1 Integration Scope in Oracle Banking Corporate Lending

During the integration following data are provided to OFSAA in the OBCL staging table. .

Module	Hand off Details
Bilateral Loans	• Loan contracts transaction details • Corporate loan contracts details • Repayment schedule of contracts such as corporate loans • Loan Write Off details • Loan recovery details
Loan Syndication	• Corporate loan contracts transaction details • Corporate loan contracts details

2.1.2 Integration Scope in Oracle Financial Services Analytical Applications

Refer 'FCUBS Connectors User Guide' and 'Data Integration Hub User Guide' to know about integration scope in OFSAA.

2.2 Prerequisites in Oracle Banking Corporate Lending

Set up Oracle Banking Corporate Lending Application. OFSAA user will have read-only access to this application. The access is provided only to particular extraction tables.

This section contains the following topic:

- Section 2.2.1, "Maintenances"

2.2.1 Maintenances

Complete the maintenances discussed below.

2.2.1.1 Maintaining Batch Programs

You need to maintain the batch program 'OLXTRACT' using 'Mandatory Batch Program Maintenance' (EIDMANPE) screen. This batch extracts the data from Oracle FLEXCUBE during end of financial input (EOFI) stage. It is recommended that the extraction of data from OBCL is done from the reporting environment and not the production environment. You also need to maintain the extraction routine.

2.2.1.2 Maintaining Extraction Routines

You can maintain the data extraction routines in the maintenance table called 'OLTMS_DEST_ES_TABLES'. This table is used to maintain extraction routines and should be maintained manually with the following values along with other details:

Column Name	Description
ORD_OF_EXT	Order of extraction in which routine will be executed. This should be a unique value.
TABLE_NAME	Name of the staging table to be populated with data.
ROUTINE	Routine to be executed. The format should be 'Package.procedure'
INTEGRATION_NAME	OFSAA

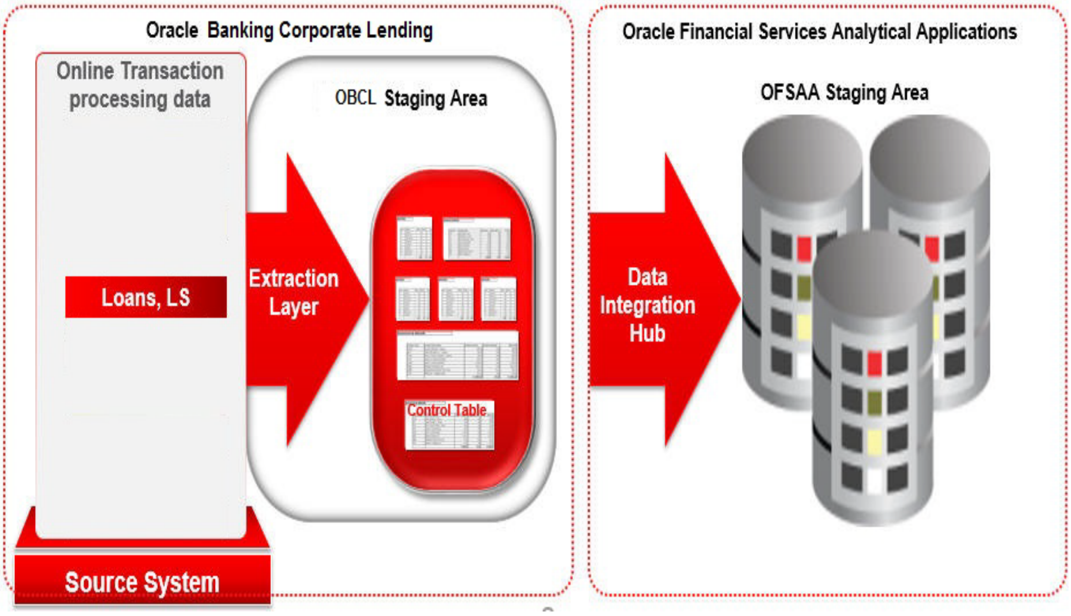
All the parameters such as extraction date, previous extraction date, log required and so on are maintained in maintenance table 'OLTB_EIS_CS_PARAM'. In this table the KEYID is the primary key.

2.3 Prerequisites in Oracle Financial Services Analytical Applications

Refer 'FCUBS Connectors User Guide' and 'Data Integration Hub User Guide' for details on the prerequisites in OFSAA.

2.4 Integration Architecture

The following diagram provides information on the integration architecture followed in OBCL-OFSAA integration.



2.5 Integration Process

OBCL has pre-defined staging tables required for OFSAA extracts. During EOFI batch, the module wise data is extracted to staging tables in OBCL. OBCL provides a control table to indicate successful data extraction. OFSAA pulls the data from the tables in OBCL using the DIH connector.

The transfer or extraction of data from OBCL to OFSAA differs based on the staging tables as follows:

- Master table - Incremental data between two extraction dates are transferred.
- Maintenances and contract tables - Entire transaction data are transferred in each extraction.
- Transaction table - Data related to the transactions created on the extraction date are transferred.

During data extraction you can check the status of the extraction routines in the table OLTB_JOB_ES_CONTROL. The column STATUS shows whether the routine is in progress (W) or has failed (F) or has completed successfully (S). At the time of extraction all the routines from maintenance table 'OLTM_DEST_ES_TABLES' are inserted to 'OLTB_JOB_ES_CONTROL' for the current extraction date with initial status as 'W'. This status will be updated accordingly when the routine is completed successfully (S) or unsuccessfully (F).

Extraction Log

You can have the logs generated as part of EOD for each table. EOD log captures the complete extraction process. The table level extraction log contains the details of each data transfer. The error logs are maintained in OLTBS_LOG_ES table.

Errors in the data extraction process and the failure reasons are logged in an error data store. These errors are rectified manually and the batch is run again for the failed data.

2.6 OBCL - OFSAA Integration

The integration between OBCL and OFSAA enables you transfer data from OBCL to OFSAA. The transfer of data from OBCL to OFSAA is performed using staging table.

- Section 2.6.1, "OL - OFSAA Integration"
- Section 2.6.2, "LB (Loan Syndication) -OFSAA Integration"

2.6.1 OL - OFSAA Integration

The integration between OL module and OFSAA enables you transfer data from OL module to OFSAA.

The following data is transferred in OBCL staging table:

- AATB_STG_OL_LOAN_CONTRACT_TXNS - Corporate Loan contracts transaction details
- AATB_STG_OL_LOAN_CONTRACTS - Corporate loan contracts details
- AATB_STG_OL_PAYMENT_SCHEDULE - Repayment schedule of contracts such as loans, mortgages, over-drafts, credit cards, and so on.
- AATB_STG_OL_LOAN_WRITEOFF - Loan Write Off details
- AATB_STG_OL_LOAN_RECOVERY - Loan recovery details

2.6.2 LB (Loan Syndication) -OFSAA Integration

The integration between LB (Loan Syndication) module and OFSAA enables you transfer data from LB module to OFSAA.

The following data is transferred in OBCL staging table:

- AATB_STG_LB_LOAN_CONTRACT_TXNS - Corporate loan contracts transaction details
- AATB_STG_LB_LOAN_CONTRACTS - Corporate loan contracts details

2.7 Assumptions

Unique Names for Loan Products and Loan Account Classes

Ensure that the loan products and loan account classes maintained in OBCL have unique names. Name of any loan product should not be identical to the name of an account class.

3. Annexure

3.1 Data Transfer from OBCL to OFSAA

For details on data transfer from OBCL to OFSAA, refer the excel sheet OBCL_OFSAA_Data_Transfer_Details.xls.

This sheet has the following details:

- Source System
- Target System
- Data Transferred
- Source System Module
- FCUBS Staging Table Name
- Extraction Package Name
- Target System Table Name
- Extraction Routine
- Data Included in the Extraction