

Oracle® Banking Corporate Lending Cloud Service

Oracle Banking Corporate Lending - OFSAA Integration guide



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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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1 OBCL - OFSAA Integration

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Preface

This topic contains the following sub-topics:

- [Purpose](#)
- [Acronyms and Abbreviations](#)
- [Audience](#)
- [Basic Actions](#)
- [Conventions](#)
- [Diversity and Inclusion](#)
- [Documentation Accessibility](#)
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Purpose

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

You can obtain this information by placing the cursor on the relevant field and striking the <F1> key on the keyboard.

Acronyms and Abbreviations

The list of the acronyms and abbreviations that are used in this guide are as follows:

Table 1 Acronyms and Abbreviations

| Abbreviation | Description |
|----------------------|---------------------------------------------------|
| DIH | Data Integration Hub |
| EOD | End of Day |
| EOFI | End of Financial Input |
| FCUBS | Oracle FLEXCUBE Universal Banking System |
| OBCL | Oracle Banking Corporate Lending |
| OD | Overdraft |
| OL | Oracle Lending |
| OFSA | Oracle Financial Services Analytical Applications |
| Source System | Oracle Banking Corporate Lending (OBCL) |

Table 1 (Cont.) Acronyms and Abbreviations

| Abbreviation | Description |
|---------------|----------------------------------------------------------------------------------------------|
| System | Unless and otherwise specified, it always refers to Oracle FLEXCUBE Universal Banking system |

Audience

This manual is intended for the following User/User Roles

Table 2 Audience

| Role | Function |
|-----------------------------------------|------------------------------------------------|
| Back office clerk | Input functions for contracts |
| Back office managers/officers | Authorization functions |
| Product Managers | Product definition and authorization |
| End of day operators | Processing during end of day/ beginning of day |
| Financial Controller / Product Managers | Generation of reports |

Basic Actions

Table 3 List of Basic Actions

| Action | Description |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approve | Click Approve to approve the initiated report. This button is displayed, once the user click Authorize . |
| Audit | Click Audit to view the maker details, checker details of the particular record, and record status. This button is displayed only for the records that are already created. |
| Authorize | Click Authorize to authorize the record created. A maker of the screen is not allowed to authorize the report. Only a checker can authorize a record. This button is displayed only for the already created records. |
| Close | Click Close to close a record. This action is available only when a record is created. |
| Confirm | Click Confirm to confirm the performed action. |
| Cancel | Click Cancel to cancel the performed action. |
| Compare | Click Compare to view the comparison through the field values of old record and the current record. This button is displayed in the widget, once the user click Authorize . |
| Collapse All | Click Collapse All to hide the details in the sections. This button is displayed, once the user click Compare . |
| Expand All | Click Expand All to expand and view all the details in the sections. This button is displayed, once the user click Compare . |
| New | Click New to add a new record. The system displays a new record to specify the required data. Note: The fields which are marked in asterisk red are mandatory fields. |
| OK | Click OK to confirm the details in the screen. |

Table 3 (Cont.) List of Basic Actions

| Action | Description |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Save | Click Save to save the details entered or selected in the screen. |
| View | Click View to view the report details in a particular modification stage. This button is displayed in the widget, once the user click Authorize . |
| View Difference only | Click View Difference only to view a comparison through the field element values of old record and the current record, which has undergone changes. This button is displayed, once the user click Compare . |

Conventions

The following text conventions are used in this document:

Table 4 Conventions and Meaning

| Convention | Meaning |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| boldface | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary. |
| <i>italic</i> | 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. |

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

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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>.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

Related Resources

For more information on any related features, refer to the following documents:

- Oracle Banking Corporate Lending Installation Guides
- OBCL-OFSAA Data Transfer matrix Guide

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

Symbols and Icons

The list of symbols and icons available on the screens are as follows:

Table 5 Symbols and Icons - Common















| Symbol/Icon | Function |
|-------------------------------------------------------------------------------------|----------------------------------------------------------|
|  | Minimize |
|  | Maximize |
|  | Close |
|  | Perform Search |
|  | Open a list |
|  | Navigate to the first record |
|  | Navigate to the last record |
|  | Navigate to the previous record |
|  | Navigate to the next record |
|  | Grid view |
|  | List view |
|  | Refresh |
|  | Click this icon to add a new row. |
|  | Click this icon to delete a row, which is already added. |

Table 5 (Cont.) Symbols and Icons - Common





























| Symbol/Icon | Function |
|-------------------------------------------------------------------------------------|-----------------|
|  | Calendar |
|  | Alerts |
|  | Unlock Option |
|  | View Option |
|  | New |
|  | Enter query |
|  | Execute query |
|  | Copy |
|  | Delete |
|  | Save |
|  | Search |
|  | Advanced search |
|  | Clear all |
|  | Reset |
|  | Export |
|  | Print |
|  | View Details |
|  | Sorting |

Table 6 Symbols and Icons - Widget

| Symbol/Icon | Function |
|-------------------------------------------------------------------------------------|---------------------|
|  | Open status |
|  | Unauthorized status |
|  | Rejected status |
|  | Closed status |
|  | Authorized status |
|  | Modification Number |
|  | Hold |
|  | Reverse |
|  | Authorize |
|  | Rollover |

1

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 topic contains the following sub-topics:

- [Scope](#)
- [Prerequisites](#)
- [Integration Architecture](#)
- [Integration Process](#)
- [OBCL - OFSAA Integration](#)
- [Assumptions](#)

1.1 Scope

This topic describes the scope of the integration with respect to each system, that is OBCL and OFSAA.

Integration Scope in Oracle Banking Corporate Lending

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

Table 1-1 OBCL Staging

| Module | Hand Off Details |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bilateral Loans | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• Corporate loan contracts transaction details• Corporate loan contracts details |

Integration Scope in Oracle Financial Services Analytical Applications

For further information on integration scope in OFSAA, refer to the following user manuals:

- *FCUBS Connectors User Guide*

- [Data Integration Hub User Guide](#)

1.2 Prerequisites

This topic contains the following sub-topics:

- [Prerequisites in Oracle Banking Corporate Lending](#)
- [Prerequisites in Oracle Financial Services Analytical Applications](#)

1.2.1 Prerequisites in Oracle Banking Corporate Lending

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

This topic contains the following sub-topic:

- [Maintenances](#)

1.2.1.1 Maintenances

Complete the maintenances discussed below.

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.

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.

- **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.

1.2.2 Prerequisites in Oracle Financial Services Analytical Applications

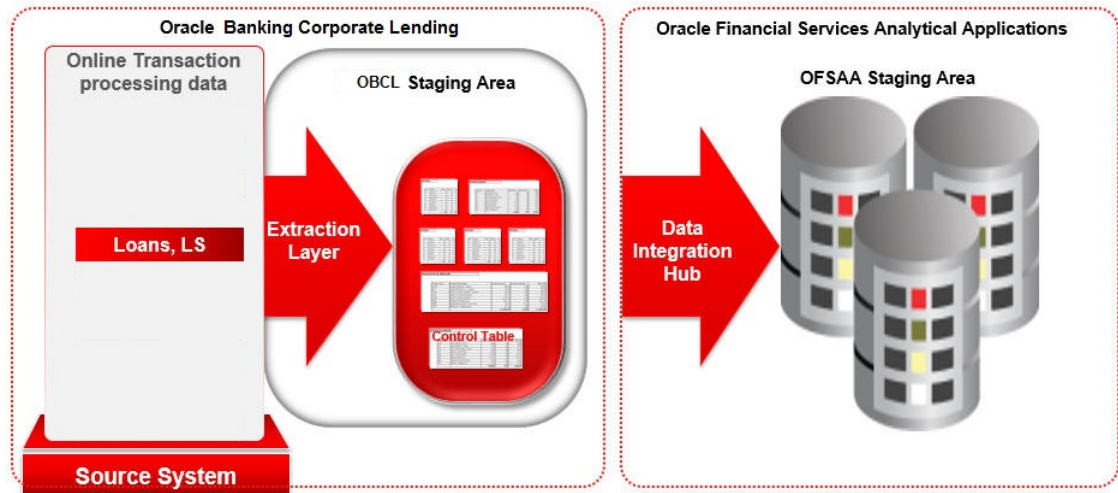
For further information on prerequisites in OFSAA, refer to the following user manuals:

- [FCUBS Connectors User Guide](#)
- [Data Integration Hub User Guide](#)

1.3 Integration Architecture

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

Figure 1-1 Integration Architecture



1.4 Integration Process

OBCL has pre-defined staging tables required for OFSSAA 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. OFSSAA pulls the data from the tables in OBCL using the DIH connector.

The transfer or extraction of data from OBCL to OFSSAA 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 is 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.

1.5 OBCL - 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.

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

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

1.6 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.

A

Annexure

Data Transfer from OBCL to OFSAA

For details on data transfer from OBCL to OFSAA, refer the below table.

- Source System - OBCL
- Target System - OFSAA

Table A-1 OBCL OFSAA Data Transfer Details

| Data Transferred | Source System Module | OBCL Staging Table Name | Extraction Package Name | Target System Table Name | Extraction Routine | Data Included in the Extraction |
|--------------------------------------|----------------------|--------------------------------|---------------------------------|----------------------------|--------------------|---------------------------------|
| Transactions on loan contracts | OL | AATB_STG_OL_LOAN_CONTRACT_TXNS | AAPKS_EXTRACT_OL_CONTRACT_TXNS | Stg_Loan_Contract_Txns | Daily | New Data |
| Loan contract details | OL | AATB_STG_OL_LOAN_CONTRACTS | AAPKS_EXTRACT_OL_LN_CONTRACTS | Stg_Loan_Contract_s | Daily | Complete Data |
| Repayment schedule of loan contracts | OL | AATB_STG_OL_PAYMENT_SCHEDULE | AAPKS_EXTRACT_OL_PYMNT_SCHEDULE | Stg_Payment_Schedule | Daily | Complete Data |
| Loan Write-off details | OL | AATB_STG_OL_LOAN_WRITEOFF | AAPKS_EXTRACT_OL_LN_WRITEOFF | Stg_Acct_Write_off_Details | Daily | Complete Data |
| Loan Recovery details | OL | AATB_STG_OL_LOAN_RECOVERY | AAPKS_EXTRACT_OL_LN_RECOVERY | Stg_Acct_Recovery_Details | Daily | Complete Data |
| Transactions on loan contracts | LB | AATB_STG_LB_LOAN_CONTRACT_TXNS | AAPKS_EXTRACT_LB_CONTRACT_TXNS | Stg_Loan_Contract_Txns | Daily | New Data |
| Loan contract details | LB | AATB_STG_LB_LOAN_CONTRACTS | AAPKS_EXTRACT_LB_LN_CONTRACTS | Stg_Loan_Contract_s | Daily | Complete Data |