

# Oracle® Banking Corporate Lending Process Management Integration Guide



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## 1 Integration Services

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# Preface

This topic contains following sub-topics:

- [Purpose](#)
- [Acronyms and Abbreviations](#)
- [Audience](#)
- [Basic Actions](#)
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- [Conventions](#)
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- [Symbols and Icons](#)

## Purpose

This guide is designed to help acquaint you with the Oracle Banking Corporate Lending Process Management (OBCLPM) application. This document provides integration service recommendations for OBCLPM, that includes:

- Limit utilization from ELCM
- Party Creation from OBPY
- Facility creation from OBCFPM
- Loan processing from OBCL

## 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   |
|--------------|---|
| API          | Application Programming Interface                   |
| ELCM         | Enterprise Limits and Collateral Management         |
| OBCFPM       | Oracle Banking Credit Facilities Process Management |
| OBCL         | Oracle Banking Corporate Lending                    |

Table 1 (Cont.) Acronyms and Abbreviations

| Abbreviation | Description   |
|--------------|---|
| OBCLPM       | Oracle Banking Corporate Lending Process Management |
| OBPY         | Oracle Banking Party Module                         |
| SME          | Small and Medium Sized Enterprises                  |

## Audience

This guide is intended for Developers for the OBCLPM product and third party or vendor software's. Some information may be relevant to IT decision makers and users of the application are also included. Readers are assumed to possess basic operating system, network, and system administration skills with awareness of vendor/third-party software's and knowledge of OBCLPM application.

## Basic Actions

Table 2 List of Basic Actions

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

Table 2 (Cont.) List of Basic Actions

| Action                      | Description  |
|-----------------------------|--|
| <b>View Difference only</b> | Click <b>View Difference only</b> to view a comparison through the field element values of old record and the current record, which has undergone changes.<br>This button is displayed, once the user click <b>Compare</b> . |

## Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to make sure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

## Conventions

The following text conventions are used in this document:

Table 3 Conventions

| Convention      | Meaning  |
|-----------------|--|
| <b>boldface</b> | 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.

## 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>.

### 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:

- *OBCLPM Bilateral loans User Manual*
- *OBCLPM Loan Syndication User Manual*
- *OBCLPM Configurations User Guide*
- *OBCLPM API Security Guide*

## Scope

This topic contains the following sub-topics:

- [Read Sections Completely](#)
- [Understand the Purpose of this Guidance](#)
- [Limitations](#)

### Read Sections Completely

Each section should be read and understood completely. Instructions should never be blindly applied. Relevant discussion may occur immediately after instructions for an action, so be sure to read whole sections before beginning implementation.

### Understand the Purpose of this Guidance

The purpose of the guidance is to provide necessary integration services for Oracle Banking Corporate Lending Process Management application.

### Limitations

This guide is limited in its scope to integration services guideline for developers.

## 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 following symbols and icons are used in the screens.

Table 4 Symbols and Icons - Common










| Symbol/Icon   | Function                        |
|---|---------------------------------|
|    | Minimize                        |
|    | Maximize                        |
|    | Close                           |
|    | Perform Search                  |
|  | Open a list                     |
|  | Add a new record                |
|  | Navigate to the first record    |
|  | Navigate to the last record     |
|  | Navigate to the previous record |



Table 4 (Cont.) Symbols and Icons - Common










| Symbol/Icon   | Function                                   |
|---|--|
|    | Navigate to the next record                |
|    | Grid view                                  |
|    | List view                                  |
|    | Refresh                                    |
|  | Calendar                                   |
|  | Filter                                     |
|  | Copy a record                              |
|  | Click this icon to add a new row.          |
|  | Click this icon to delete an existing row. |

Table 4 (Cont.) Symbols and Icons - Common



| Symbol/Icon   | Function   |
|---|--|
|  | Click to view the created record.                              |
|  | Click to unlock, delete, authorize or view the created record. |

Table 5 Symbols and Icons - Audit Details





| Symbol/Icon   | Function                      |
|---|-------------------------------|
|    | A user                        |
|  | Date and time                 |
|  | Unauthorized or Closed status |
|  | Authorized or Open status     |

Table 6 Symbols and Icons - Widget





| Symbol/Icon   | Function    |
|---|-------------|
|  | Open status |

Table 6 (Cont.) Symbols and Icons - Widget

| Symbol/Icon   | Function            |
|---|---------------------|
|  | Unauthorized status |
|  | Closed status       |
|  | Authorized status   |

# 1

## Integration Services

This topic contains following sub-topic:

- [Services required for integration](#)

### 1.1 Services required for integration

The services listed below are required for OBCLPM integration. Please make sure that the following services are available before the implementation:

| S. No | Provider System | Service URL                                    | Service Description                  | Stage/Domain/ Reason When Called | Remarks  |
|-------|-----------------|--|--------------------------------------|----------------------------------|--|
| 1.    | OBCL            | OBCLLSService/<br>Syndication<br>TrancheAmend  | Syndication<br>TrancheAmend          | Tranche<br>Amendment<br>Handoff  | Service API which<br>is used to render<br>Tranche<br>Amendment info to<br>back office system.<br>Service used in<br>(Handoff stage)<br>Tranche<br>Amendment<br>Process |
| 2.    | OBCL            | OBCLLSService/<br>SyndicationDrawdo<br>wnAmend | SyndicationDrawdo<br>wnAmend Service | During Drawdown<br>Amendment     | Service API which<br>is used to create<br>Drawdown<br>Amendment<br>Service used in<br>(Enrichment stage)<br>Agency Drawdown<br>Process                                 |
| 3.    | OBCL            | OBCLLSService/<br>CreateBulkPaymen<br>t        | To Create Bulk<br>Payment            | During Bulk<br>Payment Handoff   | Service API which<br>is used to create<br>Bulk Payment .<br>Service used in<br>(Handoff stage)<br>Bulk Payment<br>Stage  |
| 4.    | OBCL            | FCUBSOLService/<br>QueryContract               | To Query Contract<br>booked in OBCL  | Initiation Stage                 | Service API which<br>is used to get<br>Contract for<br>initiation.<br>Service used in<br>(Initiation)<br>Loan Processes  |

| S. No | Provider System | Service URL                                  | Service Description                           | Stage/Domain/ Reason When Called                | Remarks   |
|-------|-----------------|--|---|---|---|
| 5.    | OBCL            | OBCLLSService/<br>QueryFacilityContract      | Query Syndication<br>Facility Contract        | Operation<br>Enrichment stage                   | Service API which is used to fetch Facility Product. Service used in (Operation Enrichment stage) Ops Enrichment Process              |
| 6.    | ELCM            | ELCM_ELFacilityBlock /<br>CloseFacilityBlock | Close Bilateral<br>Facility Block             | Enrichment stage<br>of Loans                    | Service API which is used to close the ELCM facility . Service used in (Loan Enrichment stage) Loan Origination Process               |
| 7.    | OBCL            | FCUBSOLService/<br>SMECreateContract         | Create SME Loan                               | Creating SME<br>Loans in Handoff                | Service API which is used to create the SME Loans. Service used in (Handoff stage) SME Loans Process                                  |
| 8.    | OBCL            | OBCLLSService/<br>QueryDDContract            | To Query DD<br>Contract                       | Initiation Stage of<br>All Syndication<br>flows | Service API which is used to Initiate the Syndication flows with Drawdown. Service used in (Initiation Stage) All Syndication Process |
| 9.    | OBCL            | FCUBSOLService/<br>QueryLoanOSAmount         | Query Bilateral<br>Loan Outstanding<br>Amount | Bilateral Loan<br>Payment Entry<br>Stage        | Service API which is used to fetch the backoffice payment component details . Service used in (Entry stage) Bilateral Payment Process |
| 10.   | OBCL            | OBCL_Customer/<br>QueryCustomer              | QueryCustomer                                 | To Query<br>Customer                            | All Loan Processes  |

| S. No | Provider System | Service URL                                  | Service Description                      | Stage/Domain/ Reason When Called       | Remarks  |
|-------|-----------------|--|--|--|--|
| 11.   | OBCFPM          | OBCFPM_Facility/<br>NewFacilityRequest       | NewFacilityRequest                       | Loan/Drawdown<br>Enrichment            | Service API which is used to hand off the Facility information to OBCL.<br><br>Service used in (Handoff stage)<br>Loan Origination/ Drawdown Process           |
| 12.   | OBCL            | OBCLLSService/<br>CreateFacilityContract     | Create Syndication Facility Contract     | Handoff Stage of<br>Ops Enrichment     | Service API which is used to hand off the Operation Enrichment details to OBCL<br><br>Service used in (Handoff stage)<br>Operation Enrichment Process          |
| 13.   | OBCL            | OBCLLSService/<br>RestructureTrancheContract | Restructure Syndication Tranche Contract | Handoff<br>Restructuring entry details | Service API which is used to handoff Import Restructuring Tranche Details to back-office system.<br><br>Service used in (Handoff stage)<br>Restructure Process |
| 14.   | OBCL            | OBCLLSService/<br>CreatePartTransfer         | CreatePartTransfer                       | Handoff Stage                          | Service API which is used to Handoff Participant information to back- office system.<br><br>Service used in (Handoff stage)<br>Participant Transfer Process    |
| 15.   | OBCL            | FCUBSOLService/<br>CreatePayment             | CreatePayment for Bilateral              | Handoff for Payment                    | Service API which is used to render the payment information to back office system.<br><br>Service used in (Handoff stage)<br>Payment Process                   |

| S. No | Provider System | Service URL                               | Service Description                       | Stage/Domain/Reason When Called  | Remarks  |
|-------|-----------------|---|---|----------------------------------|--|
| 16.   | OBCL            | OBCLLSService/<br>SyndicationTrancheAmend | SyndicationTrancheAmend                   | Tranche Amendment Handoff        | Service API which is used to render Tranche Amendment info to back office system. Service used in (Handoff stage) Tranche Amendment Process        |
| 17.   | OBCL            | FCUBSOLService/<br>ModifyContAmend        | Modify Contract for Amendment - VAMI Loan | Financial Amendment Handoff      | Service API which is used to render Financial Amendment to back office system. Service used in (Handoff stage) Tranche Financial Amendment Process |
| 18.   | OBCL            | FCUBSOLService/<br>CreateCustEntity       | Create Party Entity                       | Party Entity                     | Service API which is used to render Party Entity info to back office system. Service used in (Enrichment stage)                                    |
| 19.   | OBCL            | OBCLLSService/<br>LBModifyContAmendFS     | Modify Syndication Loan                   | Tranche Margin Amendment Handoff | Service API which is used to render Margin Amendment to back office system. Service used in (Handoff stage) Tranche Margin Amendment Process       |
| 20.   | OBCL            | OBCLLSService/<br>CalculateLBPayment      | CalculateLBPayment                        | LB Payment Enrichment            | Service API which is used to get Payment Info from back office system. Service used in (Enrichment stage) LB Payment Process                       |

| S. No | Provider System | Service URL                                   | Service Description                            | Stage/Domain/Reason When Called    | Remarks   |
|-------|-----------------|---|--|------------------------------------|---|
| 21.   | OBCL            | OBCLLSService/QueryTrancheContract            | Query Syndication Tranche Contract             | Query Syndication Tranche Contract | Service API which is used to get the tranche details from backoffice.<br>Service used in (Initiation stage) Syndication Process             |
| 22.   | OBCL            | OBCLLSService/QueryLBPayment                  | Query Payment of Syndication Loan              | LB Payment Initiation              | Service API which is used to get Payment Info from back office system.<br>Service used in (Initiation stage) LB Payment Process             |
| 23.   | OBCL            | OBCLLSService/CreateLBPayment                 | Create Payment for Syndication Loan            | Create Payment Handoff             | Service API which is used to render Payment details to backoffice.<br>Service used in (Handoff stage) Payment Process                       |
| 24.   | OBCL            | OBCLLSService/QueryBorrowerScheduleComponents | Query Syndication Borrower Schedule Components | Enrichment Stage                   | Service API which is used to get Schedule Information .<br>Service used in (Enrichment stage) Loan/Syndication Process                      |
| 25.   | OBCL            | FCUBSOLService/CreateContractSim              | Create Bilateral Contract Simulation           | Bilateral Handoff                  | Service API which is used to render contract info to backoffice.<br>Service used in (Handoff stage) Loans simulation Process                |
| 26.   | OBCL            | OBCLLSService/LBConsolRollover                | Syndication Consolidation Rollover             | Handoff Stage                      | Service API which is used to render console rollover information to backoffice.<br>Service used in (Handoff stage) Console Rollover Process |



| S. No | Provider System | Service URL                             | Service Description                                   | Stage/Domain/ Reason When Called | Remarks  |
|-------|-----------------|---|---|----------------------------------|--|
| 27.   | OBCL            | OBCLLSService/<br>ModifyMarginAmendment | ModifyMarginAmendment                                 | Margin Amendment Handoff         | Service API which is used to render Tranche MarginAmendment info to backoffice. Service used in (Handoff stage) Tranche Margin Amendment Process |
| 28.   | OBPY            | OBPY_Party/<br>PartyOnboarding          | PartyOnboarding                                       | Enrichment Stage                 | Service API which is used to put PartyOnboarding Information to OBPY . Service used in (Enrichment stage) Loan/Syndication Process               |
| 29.   | OBCL            | OBCLLSService/<br>CreateTrancheContract | Create Syndication Tranche Contract                   | Syndication Handoff              | Service API which is used to render Tranche created from ops enrichment to backoffice. Service used in (Handoff stage) Ops Enrichment Process    |
| 30.   | OBCL            | OBCLLSService/<br>QueryBorrowerProduct  | Query Syndication Borrower Product                    | Additional Loan Detail DS        | Service API which is used to get borrower product details. Service used in (Enrichment stage) Loan/Syndication Process                           |
| 31.   | OBCL            | FCUBSOLService/<br>ModifyContract       | Modify Bilateral Contract (Non Financial) - CAMD Loan | Non Fin Amendment Handoff        | Service API which is used to render CAMD info to backoffice. Service used in (Handoff stage) Non Fin Amendment Process                           |

| S. No | Provider System | Service URL                                    | Service Description                       | Stage/Domain/<br>Reason When Called | Remarks  |
|-------|-----------------|--|---|-------------------------------------|--|
| 32.   | OBCL            | OBCLLSService/<br>CreateFacilityBlock          | Create Bilateral<br>Facility Block        | Operation<br>Enrichment<br>Handoff  | Service API which<br>is used to render<br>Facility created<br>from CLPM to<br>backoffice.<br><br>Service used in<br>(Handoff stage)<br>Ops Enrichment<br>Process |
| 33.   | OBCL            | OBCLLSService/<br>LBSplitRollover              | LBSplitRollover                           | Split Rollover<br>Handoff           | Service API which<br>is used to render<br>splitrollover info to<br>backoffice.<br><br>Service used in<br>(Handoff stage)<br>SplitRollover<br>Process             |
| 34.   | OBCL            | FCUBSOLService/<br>CreateContract              | Create Bilateral<br>Contract              | Loan Origination<br>Handoff         | Service API which<br>is used to render<br>contract created<br>from CLPM to<br>backoffice.<br><br>Service used in<br>(Handoff stage)<br>Loan/Drawdown<br>Process  |
| 35.   | OBCL            | FCUBSOLService/<br>RolloverContract            | Bilateral Rollover                        | Bilateral Rollover<br>Handoff       | Service API which<br>is used to render<br>loans rollover info<br>to backoffice.<br><br>Service used in<br>(Handoff stage)<br>Rollover Process                    |
| 36.   | OBCL            | FCUBSOLService/<br>QueryScheduleCo<br>mponents | Query Bilateral<br>Schedule<br>Components | Loan Origination<br>Enrichment      | Service API which<br>is used to get the<br>Payment<br>Schedules.<br><br>Service used in<br>(Enrichment stage)<br>Loan/Drawdown<br>Process                        |
| 37.   | OBCL            | FCUBSOLService/<br>QueryProduct                | Query Bilateral<br>Product                | Enrichment Stage                    | Service API which<br>is used to get<br>Product info from<br>OBCL.<br><br>Service used in<br>(Enrichment stage)<br>Loan/Drawdown<br>Process                       |

| S. No | Provider System | Service URL                                    | Service Description                  | Stage/Domain/Reason When Called | Remarks   |
|-------|-----------------|--|--------------------------------------|---------------------------------|---|
| 38.   | OBCL            | OBCLLSERVICEservice/<br>CreateDrawdownContract | Create Syndication Drawdown Contract | Operation Enrichment Handoff    | Service API which is used to render Drawdown created from CLPM to backoffice.<br><br>Service used in (Handoff stage) Ops Enrichment Process |