

Oracle® Banking Liquidity Management

Getting Started With Installation Guide



Release 14.6.0.0.0

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

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1 Installation Process

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Preface

Purpose

This document details out the order in which the user should carry on the installation process.

Audience

This guide is intended for WebLogic admin or ops-web team who are responsible for installation of OFSS banking products.

List of Topics

This guide is organized as follows.

Table 1 List of Topics

Topics	Description
Installation Process	This topic provides the information about the Installation Process.

1

Installation Process

This topic describes about the order in which the user should carry on the installation process.

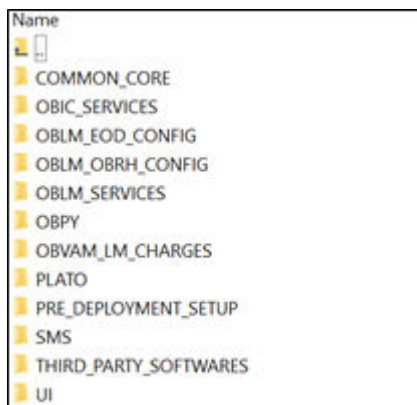
Pre-Requisite

All software required for the application setup is installed. Refer the Release Notes for the software to be installed.

OSDC Package

Extract the OSDC Package and the package will have the below structure.

Figure 1-1 OSDC Package



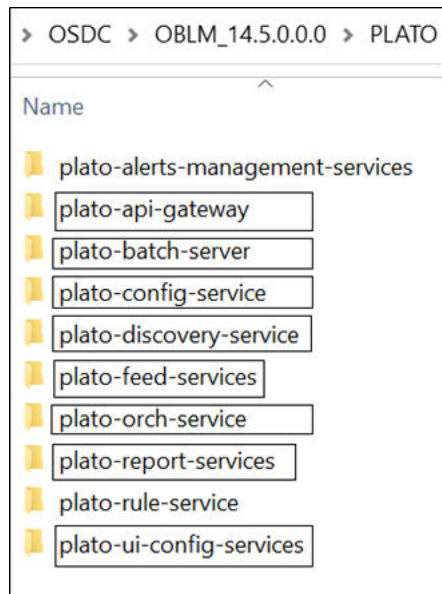
Oracle Banking Microservices Architecture Service

The lists of Oracle Banking Microservices Architecture Services to be installed for Oracle Banking Liquidity Management. Deployments to be done in the same order.



Note:

Conductor-server should be deployed prior to plato-orch-service.

Figure 1-2 Oracle Banking Microservices Platform Services**List of Oracle Banking Microservices Platform Services:**

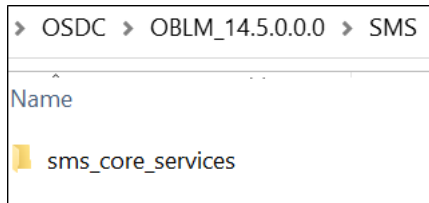
- plato-config-service
- plato-discovery-service
- plato-api-gateway
- plato-ui-config-service
- plato-batch-server
- plato-feed-services
- plato-orch-service
- plato-report-services

**Note:**

Refer the Oracle Banking Microservices Platform Foundation Installation Guide for installing Oracle Banking Microservices Platform Services.

Security Management System Service

The lists of Security Management System Service to be installed for Oracle Banking Liquidity Management.

Figure 1-3 Security Management System Service**Security Management System Service:**

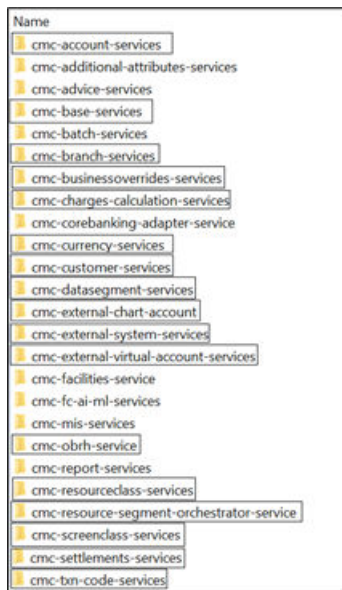
- sms_core_services

**Note:**

Refer the Security Management System Service Installation Guide for installing Security Management System Service

Common Core Services

The lists of Common Core Services to be installed for Oracle Banking Liquidity Management.

Figure 1-4 Oracle Banking Common Core Services**List of Oracle Banking Common Core Services:**

- cmc-account-services
- cmc-base-services
- cmc-branch-services

- cmc-businessoverrides-services
- cmc-charges-calculation-services
- cmc-currency-services
- cmc-customer-services
- cmc-datasegment-services
- cmc-external-chart-account
- cmc-external-system-services
- cmc-external-virtual-account-services
- cmc-obrh-services
- cmc-resourceclass-services
- cmc-resource-segment-orchestrator-service
- cmc-screenclass-services
- cmc-settlements-services
- cmc-txn-code-services

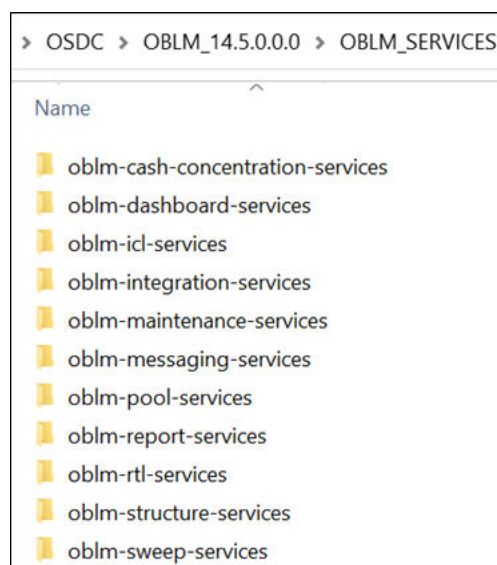
 **Note:**

Refer the Common Core Service Installation Guide for installing the Common Core services.

Oracle Banking Liquidity Management Services

The lists of Oracle Banking Liquidity Management Services to be installed.

Figure 1-5 Oracle Banking Liquidity Management Services

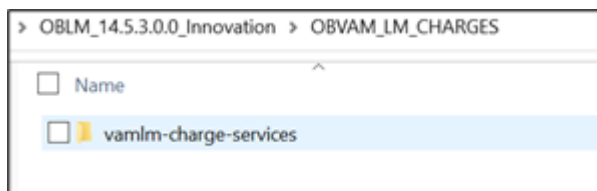


List of Oracle Banking Liquidity Management Services:

- oblm-cash-concentration-services
- oblm-dashboard-services
- oblm-icl-services
- oblm-integration-services
- oblm-messaging-services
- oblm-pool-services
- oblm-report-services
- oblm-rtl-services
- oblm-structure-services
- oblm-sweep-services
- vamlm-charge-services

The Location of the VAM-LM Charge Services

Figure 1-6 VAM-LM Charge Services



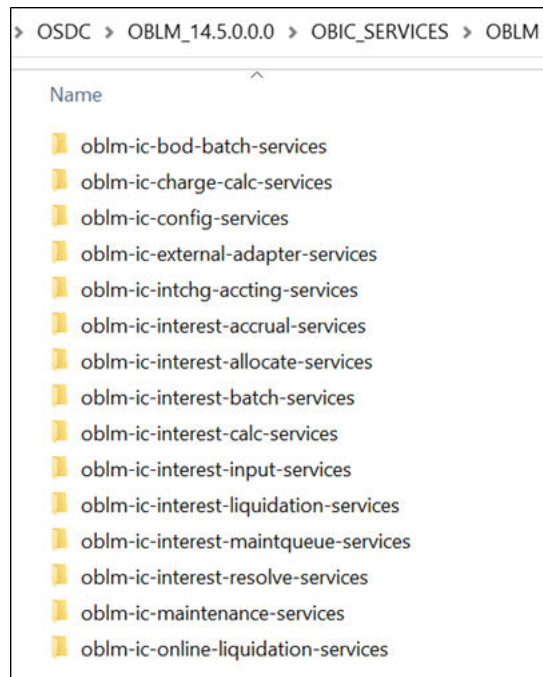
Note:

Refer the Oracle Banking Liquidity Management Installation Guide for installing the services.

Interest and Charges Services

The lists of Interest and Charges Services to be installed.

oblm-ic-config-services to be deployed first.

Figure 1-7 Interest and Charges Services

> OSDC > OBLM_14.5.0.0.0 > OBIC_SERVICES > OBLM

Name
oblm-ic-bod-batch-services
oblm-ic-charge-calc-services
oblm-ic-config-services
oblm-ic-external-adapter-services
oblm-ic-intchg-acting-services
oblm-ic-interest-accrual-services
oblm-ic-interest-allocate-services
oblm-ic-interest-batch-services
oblm-ic-interest-calc-services
oblm-ic-interest-input-services
oblm-ic-interest-liquidation-services
oblm-ic-interest-maintqueue-services
oblm-ic-interest-resolve-services
oblm-ic-maintenance-services
oblm-ic-online-liquidation-services

List of Interest and Charges Services:

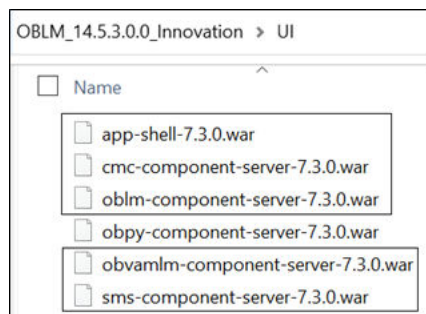
- oblm-ic-bod-batch-services
- oblm-ic-config-services
- oblm-ic-charge-calc-services
- oblm-ic-external-adapter-services
- oblm-ic-intchg-acting-services
- oblm-ic-interest-accrual-services
- oblm-ic-interest-allocate-services
- oblm-ic-interest-batch-services
- oblm-ic-interest-calc-services
- oblm-ic-interest-input-services
- oblm-ic-interest-liquidation-services
- oblm-ic-interest-maintqueue-services
- oblm-ic-interest-resolve-services
- oblm-ic-maintenance-services
- oblm-ic-online-liquidation-services

Note:

Refer the Oracle Banking Liquidity Management Installation Guide for installing the Interest and Charges services.

App-shell to be installed

Deploy the App-Shell

Figure 1-8 UI**List of UI:**

- app-shell
- cmc-component-server
- oblm-component-server
- sms-component-server
- obvamlm-component-server

Note:

Refer to the OSDC zip for the exact release numbers.

Note:

Please follow the Oracle Banking Liquidity Management Installation Guide for installing the services

File Upload Setup

The folders are to be created with application user for file upload to work.

1. Feed Upload Folder
 - Create LM_FILEUPLOAD under /scratch folder
 - Create a Folder (ex: - feedUpload) under /LM_FILEUPLOAD folder

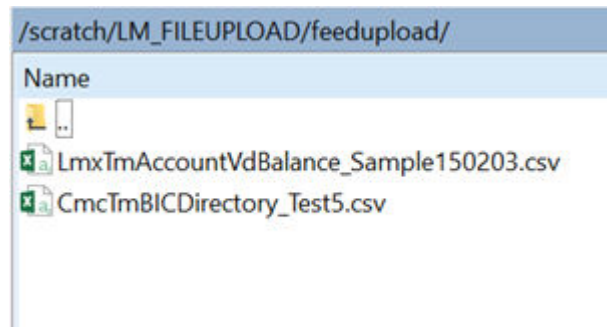
- Create all sub folders as in the screen shot and all Sub folders should have full access.

Figure 1-9 File Upload



Place the files to be uploaded under this folder.

Figure 1-10 Feed upload



Make sure the Properties table has the below value inserted based on the path configured for Feed upload.

Figure 1-11 Properties Table

ID	APPLICATION	PROFILE	LABEL	KEY	VALUE
124	plato-feed-services	jdbc	jdbc	feed.upload.directory	/scratch/LM_FILEUPLOAD/feedupload

For the entries present under the "feed_name" column in `plato_tm_feed` table as shown below, the entries in `plato_tm_feed_processor_headers` should be updated with the appropriate branch code and user id.

Figure 1-12 PLATO_TM_FEED Table

ID	FEED_NAME	FEED_DESCRIPTION	ORAM_SIZE	RAW_PROCESS	DELIMITER_ID	HEADER_ROW
1	f33a1346-07f5-44d0-82a4-dcb52c0bc91	CacThCountry	10	Y		1 PLAIN RECORD PROCESSOR
2	f33a1346-07f5-44d0-82a4-dcb52c0bc10	LamThAccountVdBalance	10	Y		1 PLAIN RECORD PROCESSOR
3	f33a1346-07f5-44d0-82a4-dcb52c0bc19	LamThInterfaceMaster	10	Y		1 DISCRIMINATOR PARENT RECORD PROCESSOR
4	f33a1346-07f5-44d0-82a4-dcb52c0bc12	ICSpecialCondition	10	N		1 DISCRIMINATOR PARENT RECORD PROCESSOR
5	f33a1346-07f5-44d0-82a4-dcb52c0bc20	CacThBICDirectory	10	Y		1 PLAIN RECORD PROCESSOR
6	f33a1346-07f5-44d0-82a4-dcb52c0bc40	CacThCurrencyDefinition	10	Y		1 DISCRIMINATOR PARENT RECORD PROCESSOR
7	f33a1346-07f5-44d0-82a4-dcb52c0bc00	CacThCoreAccount	10	Y		1 PLAIN RECORD PROCESSOR
8	f33a1346-07f5-44d0-82a4-dcb52c0bc30	LamThCoreCustomer	10	Y		1 PLAIN RECORD PROCESSOR
9	f33a1346-07f5-44d0-82a4-dcb52c0bc80	CacThCurrencyExchangeRate	10	Y		1 DISCRIMINATOR PARENT RECORD PROCESSOR
10	f33a1346-07f5-44d0-82a4-dcb52c0bc40	CacThCurrencyHoliday	10	Y		1 DISCRIMINATOR PARENT RECORD PROCESSOR
11	f33a1346-07f5-44d0-82a4-dcb52c0bc16	LamThAccount	10	Y		1 DISCRIMINATOR PARENT RECORD PROCESSOR
12	f33a1346-07f5-44d0-82a4-dcb52c0bc31	LamThCustomer	10	Y		1 PLAIN RECORD PROCESSOR
13	f33a1346-07f5-44d0-82a4-dcb52c0bc32	LamThBankParameters	10	Y		1 DISCRIMINATOR PARENT RECORD PROCESSOR
14	f33a1346-07f5-44d0-82a4-dcb52c0bc33	LamThBranchParameters	10	Y		1 DISCRIMINATOR PARENT RECORD PROCESSOR
15	f33a1346-07f5-44d0-82a4-dcb52c0bc14	LamThCountryParameters	10	Y		1 PLAIN RECORD PROCESSOR
16	f33a1346-07f5-44d0-82a4-dcb52c0bc15	LamThCurrencyParameters	10	Y		1 PLAIN RECORD PROCESSOR
17	f33a1346-07f5-44d0-82a4-dcb52c0bc37	LamThCurrencyCutoff	10	Y		1 DISCRIMINATOR PARENT RECORD PROCESSOR
18	f33a1346-07f5-44d0-82a4-dcb52c0bc10	CacThBranchLocalHoliday	10	Y		1 DISCRIMINATOR PARENT RECORD PROCESSOR
19	f33a1346-07f5-44d0-82a4-dcb52c0bc70	CoreBank	10	Y		1 PLAIN RECORD PROCESSOR
20	f33a1346-07f5-44d0-82a4-dcb52c0bc90	CoreBranch	10	Y		1 DISCRIMINATOR PARENT RECORD PROCESSOR
21	f33a1346-07f5-44d0-82a4-dcb52c0bc19	LamThSweepInstruction	10	Y		1 DISCRIMINATOR PARENT RECORD PROCESSOR

Figure 1-13 PLATO_TM_FEED_PROCESSOR_HEADERS Table

ID	PLATO_TM_FEED_ID	HEADER_KEY	HEADER_VALUE
1	a33a1346-07f5-44d0-82a4-acbd12c0bc31	f33a1346-07f5-44d0-82a4-dcb52c0bc91 appId	CMNCORE
2	a33a1346-07f5-44d0-82a4-acbd12c0bc32	f33a1346-07f5-44d0-82a4-dcb52c0bc91 userId	LMADMIN2
3	a33a1346-07f5-44d0-82a4-acbd12c0bc33	f33a1346-07f5-44d0-82a4-dcb52c0bc91 branchCode	LMB

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Installation Process, [1-1](#)