

Oracle® Banking Liquidity Management Pre-Installation Guide



Release 14.7.2.0.0

F88344-01

November 2023

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Purpose

This guide describes the order (sequence) in which the user must proceed with the installation process.

Audience

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

Documentation Accessibility

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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.

Related Resources

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

- *Common Core Services Installation Guide*
- *Oracle Banking Microservices Platform Foundation Installation Guide*
- *Security Management System Services Installation Guide*
- *Configuration and Deployment Guide*
- *Oracle Banking Liquidity Management Installation Guide*

Acronyms and Abbreviations

The list of the acronyms and abbreviations that you are likely to find in the guide are as follows:

Table 1 Acronyms and Abbreviations

Acronyms	Abbreviations
LDAP	Lightweight Directory Access Protocol
OSDC	Oracle Software Delivery Cloud
SMS	Security Management System

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Installation Process

This topic describes the installation sequence for Oracle Banking Liquidity Management application.

Execution order of Installation Manual

Oracle Banking Liquidity Management installation is executed in the below sequence:

- *Oracle Banking Microservices Platform Foundation Installation Guide*
- *Security Management System Services Installation Guide*
- *Common Core Services Installation Guide*
- *Oracle Banking Liquidity Management Installation Guide*

Prerequisite

The OSDC package consists of the following zip files. Before proceeding with the installation, unzip the files into the same common folder.

- OBLM_{release number}_1of7.zip
- OBLM_{release number}_2of7.zip
- OBLM_{release number}_3of7.zip
- OBLM_{release number}_4of7.zip
- OBLM_{release number}_5of7.zip
- OBLM_{release number}_6of7.zip
- OBLM_{release number}_7of7.zip



Note:

For the release number, refer to the OSDC file available as a part of the release.

Software Prerequisite List

The list of software prerequisites are as follows:

- Oracle Database Enterprise Edition
- Oracle WebLogic Server Standard Edition
- LDAP server
- Apache Kafka
- Apache ZooKeeper (Embedded with Kafka)
- Conductor server



Note:

For the software version details, refer to **Release Notes**.

The common services required by Oracle Banking Liquidity Management application are listed below.

- [Oracle Banking Microservices Architecture Installation](#)
- [Security Management System Installation](#)
- [Common Core Installation](#)
- [File Upload Setup](#)

1.1 Oracle Banking Microservices Architecture Installation

List of Services

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.

- plato-config-service
- plato-discovery-service
- plato-api-gateway
- plato-ui-config-service
- Plato-apigateway-router
- plato-batch-server
- plato-feed-services
- conductor-server
- plato-orch-service
- plato-report-services
- plato-coherence-server



Note:

For further details on deployments, refer to **Oracle Banking Microservices Platform Foundation Installation Guide**.

Domain Configuration

Copy the below files from the OSDC path to Oracle Banking Microservices Architecture <domain>/bin folder.

- pre_deployment_setup\setUserOverrides.sh



Note:

For providing the property values, refer to [Annexure](#) section of this document.

1.2 Security Management System Installation

List of Services

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

- SMS-CORE-SERVICES

Domain Configuration

Copy the below files from the OSDC path to <domain>/bin folder.

- pre_deployment_setup\setUserOverrides.sh



Note:

For further details on deployments, refer to **Security Management System Service Installation Guide** for installing Security Management System Service

1.3 Common Core Installation

List of Services

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

- cmc-account-services
- cmc-base-services
- cmc-branch-services
- cmc-businessoverrides-services
- cmc-charges-calculation-services
- cmc-currency-services
- cmc-datasegment-services
- cmc-screenclass-services
- cmc-resourceclass-services

- cmc-customer-services
- cmc-external-chart-account
- cmc-external-system-services
- cmc-external-virtual-account-services
- cmc-obrh-services
- cmc-obrh-kafka-consumer
- cmc-resource-segment-orchestrator-service
- cmc-settlements-services
- cmc-txn-code-services

Domain Configuration

Copy the below files from the OSDC path to <domain>/bin folder.

- pre_deployment_setup\setUserOverrides.sh

Note:

For further details on deployments, refer to **Common Core Service Installation Guide** for installing the Common Core services.

1.4 File Upload Setup

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

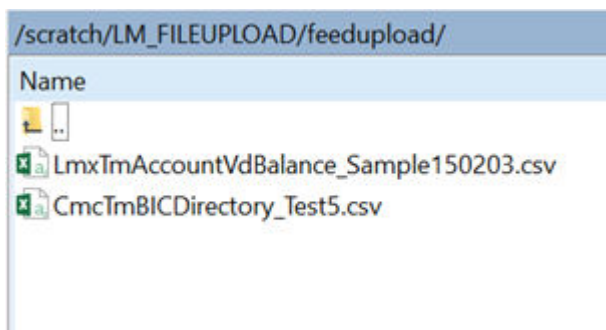
1. Feed Upload Folder
 - Create LM_FILEUPLOAD under /scratch folder
 - Create a Folder (ex: - feedUpload) under /LM_FILEUPLOAD folder
 - Create all sub folders as in the screen shot and all Sub folders should have full access.

Figure 1-1 File Upload



Place the files to be uploaded under this folder.

Figure 1-2 Feed upload



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

Figure 1-3 Properties Table

ID	APPLICATION	PROFILE	LABEL	KEY	VALUE
1	124plato-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 1-4 PLATO_TM_FEED Table

ID	FEED_NAME	FEED_DESCRIPTION	CHUNK_SIZE	MAX_PROCESS	DELIMITER	HEADER_ROW
1	f33a1346-07f5-44d0-82a4-dcb52c0bc91	CmcTmCountry	10	Y	1	PLAIN RECORD PROCESSOR
2	f33a1346-07f5-44d0-82a4-dcb52c0bc10	LmxTmAccountVdBalance	10	Y	1	PLAIN RECORD PROCESSOR
3	f33a1346-07f5-44d0-82a4-dcb52c0bc18	LmxTmInterfaceMaster	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	CmcTmBICDirectory	10	Y	1	PLAIN RECORD PROCESSOR
6	f33a1346-07f5-44d0-82a4-dcb52c0bc40	CmcTmCurrencyDefinition	10	Y	1	DISCRIMINATOR PARENT RECORD PROCESSOR
7	f33a1346-07f5-44d0-82a4-dcb52c0bc00	CmcTmCoreAccount	10	Y	1	PLAIN RECORD PROCESSOR
8	f33a1346-07f5-44d0-82a4-dcb52c0bc30	CmcTmCoreCustomer	10	Y	1	PLAIN RECORD PROCESSOR
9	f33a1346-07f5-44d0-82a4-dcb52c0bc80	CmcTmCurrencyExchangeRate	10	Y	1	DISCRIMINATOR PARENT RECORD PROCESSOR
10	f33a1346-07f5-44d0-82a4-dcb52c0bc60	CmcTmCurrencyHoliday	10	Y	1	DISCRIMINATOR PARENT RECORD PROCESSOR
11	f33a1346-07f5-44d0-82a4-dcb52c0bc16	LmxTmAccount	10	Y	1	DISCRIMINATOR PARENT RECORD PROCESSOR
12	f33a1346-07f5-44d0-82a4-dcb52c0bc31	LmxTmCustomer	10	Y	1	PLAIN RECORD PROCESSOR
13	f33a1346-07f5-44d0-82a4-dcb52c0bc17	LmxTmBankParameters	10	Y	1	DISCRIMINATOR PARENT RECORD PROCESSOR
14	f33a1346-07f5-44d0-82a4-dcb52c0bc32	LmxTmBranchParameters	10	Y	1	DISCRIMINATOR PARENT RECORD PROCESSOR
15	f33a1346-07f5-44d0-82a4-dcb52c0bc14	LmxTmCountryParameters	10	Y	1	PLAIN RECORD PROCESSOR
16	f33a1346-07f5-44d0-82a4-dcb52c0bc15	LmxTmCurrencyParameters	10	Y	1	PLAIN RECORD PROCESSOR
17	f33a1346-07f5-44d0-82a4-dcb52c0bc37	LmxTmCurrencyCutoff	10	Y	1	DISCRIMINATOR PARENT RECORD PROCESSOR
18	f33a1346-07f5-44d0-82a4-dcb52c0bc10	CmcTmBranchLocalHoliday	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	LmxTmSweepInstruction	10	Y	1	DISCRIMINATOR PARENT RECORD PROCESSOR

Figure 1-5 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

A

Annexure

Plato

The below properties have fixed values and should not be changed.

Table A-1 Plato - Property Values (Fixed Values)

Serial Number	Property	Value
1	flywayTask	migrate
2	flyway.enabled	true
3	spring.flyway.enabled	false
4	plato-config.flyway.domain.locations	db/migration/domain/plato, db/migration/domain/sms, db/migration/domain/cmcc, db/migration/domain/oblm, db/migration/domain/vamlm
5	flyway.domain.placeholders.plato-feed-services.jndi	jdbc/PLATOFEEED
6	flyway.domain.placeholders.plato-batch-server.jndi	jdbc/PLATOBATCH
7	flyway.domain.placeholders.plato.jndi	jdbc/PLATO
8	flyway.domain.placeholders.plato-config.jndi	jdbc/PLATO
9	flyway.domain.placeholders.plato-sec.jndi	jdbc/PLATO_SECURITY
10	flyway.domain.placeholders.plato-ui-config.jndi	jdbc/PLATO_UI_CONFIG
11	flyway.domain.placeholders.platoorch.domain.jndi	jdbc/PLATO-O
12	flyway.domain.placeholders.plato-config.db.jndi	jdbc/PLATO
13	flyway.domain.placeholders.sms.jndi	jdbc/sms
14	flyway.domain.placeholders.cmncore.jndi	jdbc/CMNCORE
15	flyway.domain.placeholders.lrt.jndi	jdbc/LRT
16	flyway.domain.placeholders.lmc.jndi	jdbc/LMC
17	flyway.domain.placeholders.lmd.jndi	jdbc/LMD
18	flyway.domain.placeholders.lmx.jndi	jdbc/LMX
19	flyway.domain.placeholders.lmm.jndi	jdbc/LMM
20	flyway.domain.placeholders.lmp.jndi	jdbc/LMP
21	flyway.domain.placeholders.lma.jndi	jdbc/LMA
22	flyway.domain.placeholders.lms.jndi	jdbc/LMS
23	flyway.domain.placeholders.lmr.jndi	jdbc/LMR
24	flyway.domain.placeholders.lmg.jndi	jdbc/LMG
25	flyway.domain.placeholders.icl.jndi	jdbc/ICL
26	flyway.domain.placeholders.vamlmchg.jndi	jdbc/VAMLMCHG
27	flyway.domain.placeholders.plato-api-gateway.pswd.validation.flag	Y

Table A-1 (Cont.) Plato - Property Values (Fixed Values)

Serial Number	Property	Value
28	flyway.domain.placeholders.plato-api-gateway.min.pswd.length	8
29	flyway.domain.placeholders.plato-api-gateway.max.pswd.length	12
30	flyway.domain.placeholders.plato-api-gateway.min.pswd.age	1
31	flyway.domain.placeholders.plato-api-gateway.max.pswd.age	90
32	flyway.domain.placeholders.plato-api-gateway.upper.char.flag	Y
33	flyway.domain.placeholders.plato-api-gateway.upper.char.count	2
34	flyway.domain.placeholders.plato-api-gateway.lower.char.flag	Y
35	flyway.domain.placeholders.plato-api-gateway.lower.char.count	2
36	flyway.domain.placeholders.plato-api-gateway.special.char.flag	Y
37	flyway.domain.placeholders.plato-api-gateway.special.char.count	1
38	flyway.domain.placeholders.plato-api-gateway.numeric.char.flag	Y
39	flyway.domain.placeholders.plato-api-gateway.numeric.char.count	1
40	flyway.domain.placeholders.actuator.endpoint	prometheus,health
41	plato-api-gateway.enableAudit	true
42	flyway.domain.placeholders.sms.placeholderReplacement	true
43	flyway.domain.placeholders.domain.placeholderReplacement	true

 **Note:**

For the complete properties of plato file, refer to the folder / `pre_deployment_setup/setUserOverrides.sh` under OSDC zip. The user must provide appropriate values for the key which are not listed in the above table.

Domain

The below properties have fixed values and should not be changed.

Table A-2 Domain - Property Values (Fixed Values)

Serial Number	Property	Value
1	flywayTask	migrate
2	flyway.enabled	true
3	spring.flyway.enabled	false
4	flyway.domain.ignoreMissingMigrations	true
5	flyway.domain.outOfOrder	true
6	spring.cloud.loadbalancer.ribbon.enabled	false

Provide the appropriate values for the following fields.

Table A-3 Domain - Property Values (Appropriate Values)

Serial Number	PROPERTY	VALUE
1	spring.cloud.config.uri	<config service uri>
2	apigateway.url	<apigateway url>
3	service.logging.environment	<environment> example: DEV, TEST
4	service.logging.path	<application debug logs path>
5	flyway.domain.placeholders.user.mapping.required	<User mapping required>
6	feed.recordLevelApprovalReqd	<true or false>
7	conductor.properties	Path to /config.properties
8	flyway.domain.placeholders.INTEGRATION.ENABLED	true or false
9	cmc-account-services.coherence.enabled	true or false
10	cmc-advice-services.coherence.enabled	true or false
11	cmc-base-services.coherence.enabled	true or false
12	cmc-branch-services.coherence.enabled	true or false
13	cmc-customer-services.coherence.enabled	true or false
14	cmc-resourceclass-services.coherence.enabled	true or false
15	cmc-corebanking-adapter-service.coherence.enabled	true or false
16	cmc-external-virtual-account-services.coherence.enabled	true or false
17	cmc-currency-services.coherence.enabled	true or false
18	cmc-external-chart-account-services.coherence.enabled	true or false
19	cmc-settlements-services.coherence.enabled	true or false
20	cmc-resource-segment-orchestrator-service.coherence.enabled	true or false
21	cmc-external-deposit-account-services.coherence.enabled	true or false
22	cmc-screenclass-services.coherence.enabled	true or false
23	cmc-facilities-services.coherence.enabled	true or false

Table A-3 (Cont.) Domain - Property Values (Appropriate Values)

Serial Number	PROPERTY	VALUE
24	cmc-charges-calculation-services.coherence.enabled	true or false
25	cmc-account-services.loadCacheOnStartUp	true or false
26	cmc-advice-services.loadCacheOnStartUp	true or false
27	cmc-base-services.loadCacheOnStartUp	true or false
28	cmc-branch-services.loadCacheOnStartUp	true or false
29	cmc-customer-services.loadCacheOnStartUp	true or false
30	cmc-resourceclass-services.loadCacheOnStartUp	true or false
31	cmc-corebanking-adapter-service.loadCacheOnStartUp	true or false
32	cmc-external-virtual-account-services.loadCacheOnStartUp	true or false
33	cmc-currency-services.loadCacheOnStartUp	true or false
34	cmc-external-chart-account-services.loadCacheOnStartUp	true or false
35	cmc-resource-segment-orchestrator-service.loadCacheOnStartUp	true or false
36	cmc-external-deposit-account-services.loadCacheOnStartUp	true or false
37	cmc-screenclass-services.loadCacheOnStartUp	true or false
38	cmc-facilities-services.loadCacheOnStartUp	true or false
39	cmc-charges-calculation-services.loadCacheOnStartUp	true or false
40	sms-core-services.coherence.enabled	true or false
41	sms-core-services.loadCacheOnStartUp	true or false
42	cmc-interest-rate-services.server.port	Specify the port
43	cmc-external-deposit-account-services.server.port	Specify the port
44	fcubsUserId	Specify the UserId to communicate with fcubs. It is used for external pricing for Charge calculation.
45	fcubsSource	Specify the Source It is used for external pricing for Charge calculation.
46	fcubsBranch	Specify the Branch It is used for external pricing for Charge calculation.
47	cmc-report-services.coherence.enabled	false
48	cmc-external-system-services.coherence.enabled	false
49	cmc-batch-services.coherence.enabled	false
50	cmc-interest-rate-services.coherence.enabled	false
51	cmc-interest-rate-services.loadCacheOnStartUp	false
52	cmc-limits-collaterals-services.server.host	xxx

Table A-3 (Cont.) Domain - Property Values (Appropriate Values)

Serial Number	PROPERTY	VALUE
53	cmc-limits-collaterals-services.server.port	xxx
54	cmc-limits-collaterals-services.server.protocol	xxx
55	cmc-limits-collaterals-services.server.contextRoot	xxx
56	cmc-opds-services.isAsyncLoggingEnabled	false
57	cmc-opds-services.ischargesAsyncLoggingEnabled	false
58	cmc-sla-services.server.port	xxx
59	cmc-txn-code-services.coherence.enabled	false
60	cmc-txn-code-services.loadCacheOnStartup=	false
61	cmc-opds-services.DbLogEnabled	false
62	cmc-external-chart-account-services.batch.partition.count	10
63	cmc-external-chart-account-services.batch.thread.pool.size	10
64	cmc-external-chart-account-services.batch.txn.fetch.size	1000
65	cmc-external-chart-account-services.batch.txn.validation	false
66	cmc-external-chart-account-services.batch.commit.frequency	100
67	cmc-external-chart-account-services.batch.handoff.txn.size	100

Table A-4 LM Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
1	flyway.domain.placeholders.icl.schemas	<ICL schema>
2	flyway.domain.placeholders.icl.schemas	<ICL schema>
3	flyway.domain.placeholders.lma.schemas	<LMA schema>
4	flyway.domain.placeholders.lmc.schemas	<LMC schema>
5	flyway.domain.placeholders.lmd.schemas	<LMD schema>
6	flyway.domain.placeholders.lmg.schemas	<LMG schema>
7	flyway.domain.placeholders.lmm.schemas	<LMM schema>
8	flyway.domain.placeholders.lmp.schemas	<LMP schema>
9	flyway.domain.placeholders.lmr.schemas	<LMR schema>
10	flyway.domain.placeholders.lms.schemas	<LMS schema>
11	flyway.domain.placeholders.lmx.schemas	<LMX schema>
12	flyway.domain.placeholders.lrt.schemas	<LRT schema>
13	flyway.domain.placeholders.vamlmchg.schemas	<CHG schema>
14	flyway.domain.placeholders.icl.server.port	<server port>
15	flyway.domain.placeholders.lma.server.port	<server port>
16	flyway.domain.placeholders.lmc.server.port	<server port>

Table A-4 (Cont.) LM Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
17	flyway.domain.placeholders.lmd.server.port	<server port>
18	flyway.domain.placeholders.lmg.server.port	<server port>
19	flyway.domain.placeholders.lmm.server.port	<server port>
20	flyway.domain.placeholders.lmp.server.port	<server port>
21	flyway.domain.placeholders.lmr.server.port	<server port>
22	flyway.domain.placeholders.lms.server.port	<server port>
23	flyway.domain.placeholders.lmx.server.port	<server port>
24	flyway.domain.placeholders.lrt.server.port	<server port>
25	flyway.domain.placeholders.vamlm-charge-services.server.port	<server port>
26	flyway.domain.placeholders.vamlmchg.deploymentsType	"lmchg" for LM Standalone deployment "vamchg" for VAM Standalone deployment "codeployed" for Co-deployed environment
27	oblm-sweep-services.coherence.enabled	true or false
28	oblm-maintenance-services.coherence.enabled	true or false
29	oblm-integration-services.coherence.enabled	true or false
30	oblm-pool-services.coherence.enabled	true or false
31	oblm-structure-services.coherence.enabled	true or false
32	vamlm-charge-services.coherence.enabled	true or false
33	oblm-report-services.coherence.enabled	false
34	oblm-icl-services.coherence.enabled	false
35	oblm-dashboard-services.coherence.enabled	false
36	oblm-cash-concentration-services.coherence.enabled	false
37	oblm-messaging-services.coherence.enabled	false
38	oblm-structure-services.loadCacheOnStartUp	false

Table A-5 IC Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
1	flyway.domain.placeholders.obic.schemas	<OBLM-IC schema>
2	flyway.domain.placeholders.obvamic.schemas	<OBVAM-IC schema>
3	flyway.domain.placeholders.ddaic.schemas	xxx
4	flyway.domain.placeholders.obic.bodBatch.server.port	<server port>
5	flyway.domain.placeholders.obic.chgCalc.server.port	<server port>
6	flyway.domain.placeholders.obic.config.server.port	<server port>

Table A-5 (Cont.) IC Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
7	flyway.domain.placeholders.obic.extAdapter.server.port	<server port>
8	flyway.domain.placeholders.obic.intaccr.server.port	<server port>
9	flyway.domain.placeholders.obic.intAccting.server.port	<server port>
10	flyway.domain.placeholders.obic.intAlloc.server.port	<server port>
11	flyway.domain.placeholders.obic.intBatch.server.port	<server port>
12	flyway.domain.placeholders.obic.intcalc.server.port	<server port>
13	flyway.domain.placeholders.obic.intInput.server.port	<server port>
14	flyway.domain.placeholders.obic.intliqd.server.port	<server port>
15	flyway.domain.placeholders.obic.intresolve.server.port	<server port>
16	flyway.domain.placeholders.obic.maint.server.port	<server port>
17	flyway.domain.placeholders.obic.maintq.server.port	<server port>
18	flyway.domain.placeholders.obic.onlq.server.port	<server port>
19	flyway.domain.placeholders.obic.server.port	<server port>
20	flyway.domain.placeholders.obic.intradaySchedulerReqd	<Y or N>
21	flyway.domain.placeholders.obvamic.bodBatch.server.port	<server port>
22	flyway.domain.placeholders.obvamic.chgCalc.server.port	<server port>
23	flyway.domain.placeholders.obvamic.config.server.port	<server port>
24	flyway.domain.placeholders.obvamic.extAdapter.server.port	<server port>
25	flyway.domain.placeholders.obvamic.intaccr.server.port	<server port>
26	flyway.domain.placeholders.obvamic.intAccting.server.port	<server port>
27	flyway.domain.placeholders.obvamic.intAlloc.server.port	<server port>
28	flyway.domain.placeholders.obvamic.intBatch.server.port	<server port>
29	flyway.domain.placeholders.obvamic.intcalc.server.port	<server port>
30	flyway.domain.placeholders.obvamic.intInput.server.port	<server port>

Table A-5 (Cont.) IC Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
31	flyway.domain.placeholders.obvamic.intliqd.server.port	<server port>
32	flyway.domain.placeholders.obvamic.intresolve.server.port	<server port>
33	flyway.domain.placeholders.obvamic.maint.server.port	<server port>
34	flyway.domain.placeholders.obvamic.maintq.server.port	<server port>
35	flyway.domain.placeholders.obvamic.onlq.server.port	<server port>
36	flyway.domain.placeholders.obvamic.server.port	<server port>
37	flyway.domain.placeholders.obvamic.intradaySchedulerReqd	<Y or N>
38	flyway.domain.placeholders.obvamic.eodSchedulerReqd	<true or false>
39	flyway.domain.placeholders.obvamic.intradaySchedulerReqd	<true or false>
40	flyway.domain.placeholders.ddaic.bodBatch.server.port	xxx
41	flyway.domain.placeholders.ddaic.extAdapter.server.port	xxx
42	flyway.domain.placeholders.ddaic.intaccr.server.port	xxx
43	flyway.domain.placeholders.ddaic.intAccting.server.port	xxx
44	flyway.domain.placeholders.ddaic.intAlloc.server.port	xxx
45	flyway.domain.placeholders.ddaic.intBatch.server.port	xxx
46	flyway.domain.placeholders.ddaic.intCalc.server.port	xxx
47	flyway.domain.placeholders.ddaic.intInput.server.port	xxx
48	flyway.domain.placeholders.ddaic.intliqd.server.port	xxx
49	flyway.domain.placeholders.ddaic.intresolve.server.port	xxx
50	flyway.domain.placeholders.ddaic.maint.server.port	xxx
51	flyway.domain.placeholders.ddaic.maintq.server.port	xxx
52	flyway.domain.placeholders.ddaic.onlq.server.port	xxx
53	flyway.domain.placeholders.dda-ic.server.port	Xxx
54	obic-online-liquidation-services.coherence.enabled	true or false

Table A-5 (Cont.) IC Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
55	obic-interest-resolve-services.coherence.enabled	true or false
56	obic-interest-liquidation-services.coherence.enabled	true or false
57	obic-interest-calc-services.coherence.enabled	true or false
58	obic-interest-accrual-services.coherence.enabled	true or false
59	obic-intchg-accting-services.coherence.enabled	true or false
60	obic-charge-calc-services.coherence.enabled	true or false
61	obic-interest-batch-services.coherence.enabled	true or false
62	obic-maintenance-services.coherence.enabled	true or false
63	obic-interest-maintqueue-services.coherence.enabled	true or false
64	obic-interest-allocate-services.coherence.enabled	true or false
65	obic-external-adapter-services.coherence.enabled	true or false
66	obvam-ic-online-liquidation-services.coherence.enabled	true or false
67	obvam-ic-interest-resolve-services.coherence.enabled	true or false
68	obvam-ic-interest-liquidation-services.coherence.enabled	true or false
69	obvam-ic-interest-calc-services.coherence.enabled	true or false
70	obvam-ic-interest-accrual-services.coherence.enabled	true or false
71	obvam-ic-intchg-accting-services.coherence.enabled	true or false
72	obvam-ic-charge-calc-services.coherence.enabled	true or false
73	dda-ic-online-liquidation-services.coherence.enabled	true or false
74	dda-ic-interest-resolve-services.coherence.enabled	true or false
75	dda-ic-interest-liquidation-services.coherence.enabled	true or false
76	dda-ic-interest-calc-services.coherence.enabled	true or false
77	dda-ic-interest-accrual-services.coherence.enabled	true or false
78	dda-ic-intchg-accting-services.coherence.enabled	true or false
79	dda-ic-charge-calc-services.coherence.enabled	true or false

Table A-6 Plato Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
1	flyway.domain.placeholders.api-gateway.schemas	<API-GATEWAY schema>
2	flyway.domain.placeholders.plato-batch-server.schemas	<PLATO-BATCH-SERVER schema>
3	flyway.domain.placeholders.plato-config.schemas	<PLATO-CONFIG schema>
4	flyway.domain.placeholders.plato-feed-ref.schemas	<PLATO-FEED-REF schema>
5	flyway.domain.placeholders.plato-feed-services.schemas	<PLATO-REF-SERVICES schema>
6	flyway.domain.placeholders.platoorch.domain.schemas	<PLATO-ORCH schema>
7	flyway.domain.placeholders.platoui.schemas	<PLATO-UI schema>
8	flyway.domain.placeholders.platoui-config.schemas	<PLATO-UI-CONFIG schema>
9	flyway.domain.placeholders.plato-ui-config.schemas	<PLATO-UI-CONFIG schema>
10	flyway.domain.placeholders.kafka.brokers	"host:port" for the kafka brokers
11	flyway.domain.placeholders.kafka.zknodes	"host:port" for the zookeeper nodes.
12	flyway.domain.placeholders.kafka.security.protocol	security protocol for kafka Eg: SASL_SSL
13	flyway.domain.placeholders.kafka.truststore.location	truststore location Eg: /scratch/work_area/securityKeys/OBLMclientTrust_142.jks
14	flyway.domain.placeholders.kafka.truststore.password	ciphered password of the truststore Eg: {cipher}Password
15	flyway.domain.placeholders.kafka.binder.configuration.sasl.mechanism	<appropriate value>
16	flyway.domain.placeholders.kafka.binder.configuration.security.protocol	<appropriate value>
17	flyway.domain.placeholders.kafka.binder.jaas.loginModule	<appropriate value>
18	flyway.domain.placeholders.kafka.binder.jaas.options.password	<appropriate value>
19	flyway.domain.placeholders.kafka.binder.jaas.options.username	<appropriate value>
20	flyway.domain.placeholders.kafka.broker.password	<appropriate value>
21	flyway.domain.placeholders.kafka.broker.username	<appropriate value>
22	flyway.domain.placeholders.kafka.ssl.truststore.location	<appropriate value>

Table A-6 (Cont.) Plato Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
23	flyway.domain.placeholders.kafka.ssl.truststore.password	<appropriate value>
24	flyway.domain.placeholders.plato.orchestrator.enableSubWfDynamicAllocation	Enabling dynamic Allocation for subWorkflow
25	flyway.domain.placeholders.plato.conductor.logging.level	Default - DEBUG
26	flyway.domain.placeholders.plato.feed.feed.system.objectStore.stripName	Default - feeds
27	flyway.domain.placeholders.plato.feed.feed.protocol	Default - http
28	flyway.domain.placeholders.plato.feed.feed.dateFormat	Default - yyyy-MM-dd
29	flyway.domain.placeholders.plato.feed.feed.commitFrequency	Default - 1000
30	flyway.domain.placeholders.plato.feed.fss.filestore.protocol	Default - http
31	flyway.domain.placeholders.plato.feed.fss.filestore.host	Default - 127.0.0.1
32	flyway.domain.placeholders.plato.feed.fss.filestore.port	Default - 8080
33	flyway.domain.placeholders.plato.feed.fss.filestore.contextRoot	Default - filestore/private
34	flyway.domain.placeholders.plato.feed.fss.filestream.protocol	Default - http
35	flyway.domain.placeholders.plato.feed.fss.filestream.host	Default - 127.0.0.1
36	flyway.domain.placeholders.plato.feed.fss.filestream.port	Default - 8081
37	flyway.domain.placeholders.plato.feed.fss.filestream.contextRoot	Default - filestream/private
38	flyway.domain.placeholders.plato.feed.fss.auth.bearerToken	Default - unset
39	flyway.domain.placeholders.plato.feed.fss.par.upload.description	Default - fileupload
40	flyway.domain.placeholders.plato.feed.fss.par.storageDirective	xxx
41	flyway.domain.placeholders.plato.feed.fss.strip.service.tag	Default - feed-services
42	flyway.domain.placeholders.feed.system.approverId	Default approver id for auto approval
43	plato.feed.fss.bearerTokenPath	xxx
44	plato.feed.fss.bearerTokenFileName	dummyToken
45	plato.alerts.protocol	https
46	plato.alerts.namespace	<environment>
47	plato.alerts.email.client.port	<port>
48	plato.multitenant.emailClient.from.email	<environment>

Table A-6 (Cont.) Plato Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
49	plato.feed.emailClient.from.email	<environment>
50	alerts.protocol	xxx
51	alerts.service.name	xxx
52	alerts.namespace	<environment>
53	alerts.email.client.port	<port>
54	plato-regional-configurator-services.server.port	<REGIONAL_CONFIGURATOR_SERVICE_PORT>
55	plato-regional-configurator-services.db.jndi	jdbc/OBRC
56	plato-regional-configurator-services.schemas	OBRC
57	plato-regional-configurator-services.locations	<ul style="list-style-type: none"> • “db/migration/domain/obrc” (By default) • “db/migration/domain/obrc, db/migration/domain <YOUR DOMAINS>”
58	plato-apigateway-router.server.port	<APIGATEWAY_ROUTER_PORT>
59	router.protocol	<ROUTER_PROTOCOL>
60	router.meadmin.port	<ROUTER_PORT>
61	plato.eventhub.consumer.maxPollInterval	<MAX INTERVAL VALUE>
62	plato.eventhub.consumer.maxPollRecords	<MAX RECORD VALUE>
63	Dtangosol.coherence.clusterportproperty	7574
64	plato.placeholderReplacement	true
65	plato.dataload.fss.filestore.protocol	xxx
66	plato.dataload.fss.filestore.host	xxx
67	plato.dataload.fss.filestore.port	xxx
68	plato.dataload.fss.filestore.contextRoot	xxx
69	plato.dataload.fss.filestream.protocol	xxx
70	plato.dataload.fss.filestream.host	xxx
71	plato.dataload.fss.filestream.port	xxx
72	plato.dataload.fss.filestream.contextRoot	xxx
73	plato.dataload.fss.par.upload.description	xxx
74	plato.dataload.fss.par.storageDirective	xxx
75	plato.dataload.fss.stripe.service.tag	xxx
76	plato.dataload.system.objectStore.stripeName	xxx
77	plato.dataload.fss.bearerTokenPath	xxx
78	plato.dataload.fss.bearerTokenFileName	xxx
79	flyway.domain.placeholders.dataload.job.corePoolSize	800
80	flyway.domain.placeholders.dataload.job.maxPoolSize	800
81	flyway.domain.placeholders.dataload.job.queueCapacity	800
82	flyway.domain.placeholders.dataload.job.gridSize	800

Table A-6 (Cont.) Plato Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
83	flyway.domain.placeholders.datamigration.protocol	xxx
84	flyway.domain.placeholders.datamigration.host	xxx
85	flyway.domain.placeholders.datamigration.port	xxx
86	flyway.domain.placeholders.datamigration.contextRoot	xxx
87	flyway.domain.placeholders.batch.appld	PLATOCONFIG
88	flyway.domain.placeholders.plato.batch.appld	PLATOCONFIG
89	flyway.domain.placeholders.job.abandon.duration	60
90	flyway.domain.placeholders.dataload.protocol	xxx
91	flyway.domain.placeholders.plato.dataload.framework.eureka.client.connectTimeout	1000
92	flyway.domain.placeholders.plato.dataload.framework.eureka.client.readTimeout	1000
93	flyway.domain.placeholders.plato-feed-services.plato.feed.fss.bearerTokenPath	xxx
94	flyway.domain.placeholders.userLoginId.minLength	5
95	flyway.domain.placeholders.platoui-placeholderReplacement	true
96	DEncryptionFlag	true - new encoding/decoding logic will be applied(more secure) OR false - old encoding/decoding logic will be applied
97	flyway.domain.placeholders.eureka.client.serviceUrl.defaultZone	xxx
98	flyway.domain.placeholders.kafka.ssl.endpoint.identification.algorithm	https
99	flyway.domain.placeholders.edp.schemas	xxx
100	flyway.domain.placeholders.edp.db.jndi	xxx
101	flyway.domain.placeholders.plato-edp-services.coherence.enabled	false
102	flyway.domain.placeholders.plato-edp-services.server.port	xxx
103	flyway.domain.plato.schema	xxx

Table A-7 OBRH Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
1	obrh.truststore.path	Default - null If set, it will be considered Eg: obrh.truststore.path=/ scratch/obrh/truststore/ ts.jks
2	obrh.truststore.password	Default - null If set, it will be considered Eg: obrh.truststore.password=p assword
3	fobrh.server.isJavaEE	Default - true true for weblogic deployment false for tomcat deployment
4	obrh.taskexecutor.corepoolsize	Default - 50 If set, it will be considered Eg: obrh.taskexecutor.corepool size=100
5	obrh.taskexecutor.maxpoolsize	Default - 50 If set, it will be considered Eg: obrh.taskexecutor.maxpool size=100
6	obrh.taskexecutor.queuecapacity	Default - 100 If set, it will be considered Eg: obrh.taskexecutor.queueca pacity=200
7	obrh.factory-shipped-data.readonly	Default - false If set, it will be considered Eg: obrh.factory-shipped- data.readonly=true
8	obrh.keystore.password.encoded	Default - false If set, it will be considered Eg: obrh.keystore.password.en coded=true
9	obrh.usekeystore	Default - false If set, it will be considered Eg: obrh.usekeystore=true

Table A-7 (Cont.) OBRH Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
10	obrh.keystore.path	Default - null If set, it will be considered Eg: obrh.keystore.path=/ scratch/obrh/truststore/ ts.jks
11	obrh.keystore.password	Default - null If set, it will be considered Eg: obrh.keystore.password=p assword
12	obrh.keystore.alias	Default - null If set, it will be considered Eg: obrh.keystore.alias=alias
13	obrh.keystore.aliaspassword	Default - null If set, it will be considered Eg: obrh.keystore.aliaspasswor d=password
14	obrh.audit.type	Default - KAFKA Value can be <Default/ KAFKA/OFF/LOG> Eg: obrh.audit.type=OFF
15	obrh.alerts.enabled	Default: false <true or false> Eg: obrh.alerts.enabled=true
16	obrh.provider.exception.statuscodes	Comma seperated error codes Eg: obrh.provider.exception.sta tuscodes=404,500
17	obrh.ssl.protocol	Default - TLS If set, it will be considered Eg: obrh.ssl.protocol=TLSv1.2
18	flyway.domain.placeholders.cmc-obrh- services.audit.retention.days	Number of days for retention policy Eg: cmc-obrh- services.audit.retention.da ys=7

Table A-7 (Cont.) OBRH Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
19	flyway.domain.placeholders.cmc-obrh-services.audit.retention.archival	<Y or N> Y for archiving N for purging Eg: cmc-obrh-services.audit.retention.archival=N
23	flyway.domain.placeholders.obrh.import.override	Default: false <true or false> Eg: obrh.import.override=true
24	cmc-obrh-jms-consumer.connectionFactory	<JMS_CONN_FACTORY_JNDI>
25	cmc-obrh-jms-consumer.queue	<JMS_CONN_QUEUE_JNDI>
26	cmc-obrh-jms-consumer.server.port	<SERVER_PORT>
27	cmc-obrh-services.coherence.enabled	false
28	cmc-obrh-services.loadCacheOnStartup	false

For the complete properties of domain file, refer to the folder /pre_deployment_setup/setUserOverrides.sh under OSDC zip.

**Note:**

For Conductor Properties, refer to **Conductor Installation** section in **Oracle Banking Microservices Platform Foundation Installation Guide**.

SSL Setup Configuration

The environment set up would be SSL-enabled by default.

The below placeholders would have to be configured into JVM for SSL/Non-SSL setup in plato domain.

Table A-8 SSL Setup Configuration

Key	Default Value - On Premise	Default Value - Cloud	Purpose
\${apigateway.protocol}	https	https	Only for API gateway protocol. It must be https only .
\${eureka.protocol}	https	http	For inter-service communication protocol. Values can be http or https .
\${prefer.ip.address.enabled}	false	false	For prefer IP address flag, it must be false only.

Table A-8 (Cont.) SSL Setup Configuration

Key	Default Value - On Premise	Default Value - Cloud	Purpose
<code>\${nonsecure.port.enabled}</code>	false	true	For disabling inter-service communication on non-secure port. Values can be false or true .
<code>\${secure.port.enabled}</code>	true	false	For allowing inter-service calls on secure port. Values can be false or true .

 **Note:**

`${apigateway.protocol}` should be set as https/http in Oracle Banking Liquidity Management domain irrespective of the SSL/Non-SSL configuration.

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