Oracle® Banking Liquidity Management
Pre-Installation Guide

Release 14.7.5.0.0

G15317-01

September 2024

ORACLE®

Oracle Banking Liquidity Management Pre-Installation Guide, Release 14.7.5.0.0

G15317-01

Contents

Preface

1   Installation Process

A   Annexure

Index

Preface

- [Purpose](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Related Resources](#)
- [Acronyms and Abbreviations](#)

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

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 customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

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 ensure effective security, as strongly recommended by Oracle Software Security Assurance.

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

1

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 (Embeded 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 uplod 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


```
/scratch/LM_FILEUPLOAD/
Name
  ..
  feedupload
```

Place the files to be uploaded under this folder.

Figure 1-2   Feed upload


```
/scratch/LM_FILEUPLOAD/feedupload/
Name
  ..
  LmxTmAccountVdBalance_Sample150203.csv
  CmcTmBICDirectory_Test5.csv
```
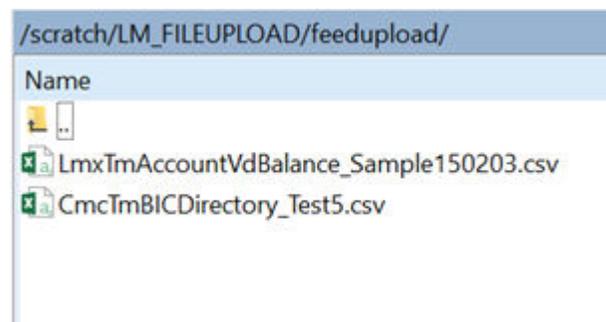
Make sure the Properties table has the below value inserted based on the path configured for Feed upload.

Figure 1-3   Properties Table

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

Figure 1-5   PLATO_TM_FEED_PROCESSOR_HEADERS Table

A

Annexure

Oracle Banking Microservices Architecture

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

Table A-1   Oracle Banking Microservices Architecture - 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/cmc, db/migration/domain/oblm, db/migration/domain/vamlm
5	plato-feed-services.jndi	jdbc/PLATOFEED
6	plato-batch-server.jndi	jdbc/PLATOBATCH
7	plato.jndi	jdbc/PLATO
8	plato-config.jndi	jdbc/PLATO
9	plato-sec.jndi	jdbc/PLATO_SECURITY
10	plato-ui-config.jndi	jdbc/PLATO_UI_CONFIG
11	platoorch.domain.jndi	jdbc/PLATO-O
12	plato-config.db.jndi	jdbc/PLATO
13	sms.jndi	jdbc/sms
14	cmncore.jndi	jdbc/CMNCORE
15	lrt.jndi	jdbc/LRT
16	lmc.jndi	jdbc/LMC
17	lmd.jndi	jdbc/LMD
18	lmx.jndi	jdbc/LMX
19	lmm.jndi	jdbc/LMM
20	lmp.jndi	jdbc/LMP
21	lma.jndi	jdbc/LMA
22	lms.jndi	jdbc/LMS
23	lmr.jndi	jdbc/LMR
24	lmg.jndi	jdbc/LMG
25	icl.jndi	jdbc/ICL
26	vamlmchg.jndi	jdbc/VAMLMCHG
27	plato-api-gateway.pswd.validation.flag	Y
28	plato-api-gateway.min.pswd.length	8
29	plato-api-gateway.max.pswd.length	12
30	plato-api-gateway.min.pswd.age	1

Table A-1   (Cont.) Oracle Banking Microservices Architecture - Property Values (Fixed Values)

Serial Number	Property	Value
31	plato-api-gateway.max.pswd.age	90
32	plato-api-gateway.upper.char.flag	Y
33	plato-api-gateway.upper.char.count	2
34	plato-api-gateway.lower.char.flag	Y
35	plato-api-gateway.lower.char.count	2
36	plato-api-gateway.special.char.flag	Y
37	plato-api-gateway.special.char.count	1
38	plato-api-gateway.numeric.char.flag	Y
39	plato-api-gateway.numeric.char.count	1
40	actuator.endpoint	prometheus,health
41	plato-api-gateway.enableAudit	true
42	sms.placeholderReplacement	true
43	sms.showUnlockClearUser	Y
44	domain.placeholderReplacement	true
44	plato.batch.server.conductor.timeout	60
46	Dspring.main.allow-circular-references	true
47	user.hierarchyLevel	4
48	user.reporteesHierarchyLevel	4
49	plato-edp-services.edp.obrh.userId	UserId to be used to invoke obrh service from within edp service
50	plato-edp-services.edp.obrh.branchCode	<BRANCH CODE> BranchCode to be used to invoke obrh service from within edp service.
51	plato.batch.server.tas.processor.hostname	Not applicable for onprem. Can be null Give the tas-processor-service hostname for cloud.
52	plato.batch.server.tas.processor.port	<SERVER PORT> Not applicable for onprem. Can be null. Give the tas-processor-service port for cloud.
53	plato-arch-services.server.port	xxx
54	plato-dynamic-data-services.server.port	xxx
55	plato-fast-data-transfer-service.server.port	xxx

> **✐ Note:**
>
> For the complete properties of Oracle Banking Microservices Architecture 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
7	deploy.environment	onPrem

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	user.mapping.required	<User mapping required>
6	feed.recordLevelApprovalReqd	<true or false>
7	conductor.properties	Path to /config.properties
8	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

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

Serial Number	PROPERTY	VALUE
22	cmc-screenclass-services.coherence.enabled	true or false
23	cmc-facilities-services.coherence.enabled	true or false
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	<server port>
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	<server port>
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
68	cmc-transactioncontroller-services.coherence.enabled	false
69	cmc-transactioncontroller-services.loadCacheOnStartUp	false
70	cmc-priority-service.coherence.enabled	true/false based on the environment. By default, it is true.
71	cmc-mis-services.coherence.enabled	true/false based on the environment. By default, it is true.
72	cmc-mis-services.loadCacheOnStartUp	This is the placeholder to load the coherence cache for cmc-mis-services at server start up. Possible values: true/false.
73	checklistmanagement-services.coherence.enabled	true/false based on the environment. By default, it is true.
74	checklistmanagement-services.loadCacheOnStartUp	This is the placeholder to load the coherence cache for checklistmanagement-services at server start up. Possible values: true/false.
75	applicationcategory-services.coherence.enabled	true/false based on the environment. By default, it is true.
76	applicationcategory-services.loadCacheOnStartUp	This is the placeholder to load the coherence cache for applicationcategory-services at server start up. Possible values: true/false.

ORACLE

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

Serial Number	PROPERTY	VALUE
77	cmc-mailnotification-services.coherence.enabled	true/false based on the environment. By default, it is true.
78	cmc-mailnotification-services.loadCacheOnStartUp	This is the placeholder to load the coherence cache for cmc-mailnotification-services at server start up. Possible values: true/false.
79	cmc-ml-genai-admin-services.server.port	xxx
80	cmc.locations	db/migration/cmc
81	opds.rules.localInvocation	false

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

Serial Number	Property	Value
1	icl.schemas	<ICL schema>
2	lma.schemas	<LMA schema>
3	lmc.schemas	<LMC schema>
4	lmd.schemas	<LMD schema>
5	lmg.schemas	<LMG schema>
6	lmm.schemas	<LMM schema>
7	lmp.schemas	<LMP schema>
8	lmr.schemas	<LMR schema>
9	lms.schemas	<LMS schema>
10	lmx.schemas	<LMX schema>
11	lrt.schemas	<LRT schema>
12	vamlmchg.schemas	<CHG schema>
13	icl.server.port	<server port>
14	lma.server.port	<server port>
15	lmc.server.port	<server port>
16	lmd.server.port	<server port>
17	lmg.server.port	<server port>
18	lmm.server.port	<server port>
19	lmp.server.port	<server port>
20	lmr.server.port	<server port>
21	lms.server.port	<server port>
22	lmx.server.port	<server port>
23	vamlm-charge-services.server.port	<server port>
24	vamlmchg.deploymentType	"lmchg" for LM Standalone deployment "vamchg" for VAM Standalone deployment "codeployed" for Co-deployed environment
25	oblm-sweep-services.coherence.enabled	true or false

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

Serial Number	Property	Value
26	oblm-maintenance-services.coherence.enabled	true or false
27	oblm-integration-services.coherence.enabled	true or false
28	oblm-pool-services.coherence.enabled	true or false
29	oblm-structure-services.coherence.enabled	true or false
30	vamlm-charge-services.coherence.enabled	true or false
31	oblm-report-services.coherence.enabled	false
32	oblm-icl-services.coherence.enabled	false
33	oblm-dashboard-services.coherence.enabled	false
34	oblm-cash-concentration-services.coherence.enabled	false
35	oblm-messaging-services.coherence.enabled	false
36	oblm-structure-services.loadCacheOnStartUp	false
37	oblm.report.sweepSummary.enabled	true/false based on the environment. By default, it is false.
38	oblm.report.sweepSummary.directory	<REPORTS PATH> Directory path for sweep summary report for Mizuho report.
39	oblm.investmentFilePath	<FILE PATH> Directory path for investment file for Mizuho.

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

Serial Number	Property	Value
1	obic.schemas	<OBLM-IC schema>
2	obvamic.schemas	<OBVAM-IC schema>
3	ddaic.schemas	xxx
4	obic.bodBatch.server.port	<server port>
5	obic.chgCalc.server.port	<server port>
6	obic.config.server.port	<server port>
7	obic.extAdapter.server.port	<server port>
8	obic.intaccr.server.port	<server port>
9	obic.intAccting.server.port	<server port>
10	obic.intAlloc.server.port	<server port>
11	obic.intBatch.server.port	<server port>
12	obic.intcalc.server.port	<server port>
13	obic.intInput.server.port	<server port>
14	obic.intliqd.server.port	<server port>
15	obic.intresolve.server.port	<server port>
16	obic.maint.server.port	<server port>
17	obic.maintq.server.port	<server port>
18	obic.onlq.server.port	<server port>

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

Serial Number	Property	Value
19	obic.server.port	\<server port>
20	obic.intradaySchedulerReqd	\<Y or N>
21	obvamic.bodBatch.server.port	\<server port>
22	obvamic.chgCalc.server.port	\<server port>
23	obvamic.config.server.port	\<server port>
24	obvamic.extAdapter.server.port	\<server port>
25	obvamic.intaccr.server.port	\<server port>
26	obvamic.intAccting.server.port	\<server port>
27	obvamic.intAlloc.server.port	\<server port>
28	obvamic.intBatch.server.port	\<server port>
29	obvamic.intcalc.server.port	\<server port>
30	obvamic.intInput.server.port	\<server port>
31	obvamic.intliqd.server.port	\<server port>
32	obvamic.intresolve.server.port	\<server port>
33	obvamic.maint.server.port	\<server port>
34	obvamic.maintq.server.port	\<server port>
35	obvamic.onlq.server.port	\<server port>
36	obvamic.server.port	\<server port>
37	obvamic.intradaySchedulerReqd	\<Y or N>
38	obvamic.eodSchedulerReqd	\<true or false>
39	obvamic.intradaySchedulerReqd	\<true or false>
40	ddaic.bodBatch.server.port	\<server port>
41	ddaic.extAdapter.server.port	\<server port>
42	ddaic.intaccr.server.port	\<server port>
43	ddaic.intAccting.server.port	\<server port>
44	ddaic.intAlloc.server.port	\<server port>
45	ddaic.intBatch.server.port	\<server port>
46	ddaic.intCalc.server.port	\<server port>
47	ddaic.intInput.server.port	\<server port>
48	ddaic.intliqd.server.port	\<server port>
49	ddaic.intresolve.server.port	\<server port>
50	ddaic.maint.server.port	\<server port>
51	ddaic.maintq.server.port	\<server port>
52	ddaic.onlq.server.port	\<server port>
53	dda-ic.server.port	\<server port>
54	obic-online-liquidation-services.coherence.enabled	true or false
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

ORACLE

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

Serial Number	Property	Value
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
80	obic-maintenance-services.loadCacheOnStartUp	true/false based on the environment. By default, it is false.
81	obic-maintenance-services.coherence.enabled	true/false based on the environment. By default, it is false.
82	obic-interest-calc-services.tenantkey.enabled	true/false based on the environment. By default, it is false.
83	obic-interest-accrual-services.tenantkey.enabled	true/false based on the environment. By default, it is false.
84	obic-intchg-accting-services.tenantkey.enabled	true/false based on the environment. By default, it is false.
85	obic-online-liquidation-services.tenantkey.enabled	true/false based on the environment. By default, it is false.
86	obic-interest-liquidation-services.tenantkey.enabled	true/false based on the environment. By default, it is false.

Table A-6   Oracle Banking Microservices Architecture Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
1	api-gateway.schemas	\<API-GATEWAY schema>
2	plato-batch-server.schemas	\<PLATO-BATCH-SERVER schema>
3	plato-config.schemas	\<PLATO-CONFIG schema>
4	plato-feed-ref.schemas	\<PLATO-FEED-REF schema>
5	plato-feed-services.schemas	\<PLATO-REF-SERVICES schema>
6	platoorch.domain.schemas	\<PLATO-ORCH schema>
7	platoui.schemas	\<PLATO-UI schema>
8	platoui-config.schemas	\<PLATO-UI-CONFIG schema>
9	plato-ui-config.schemas	\<PLATO-UI-CONFIG schema>
10	kafka.brokers	"host:port" for the kafka brokers
11	kafka.zknodes	"host:port" for the zookeeper nodes.
12	kafka.security.protocol	security protocol for kafka Eg: SASL_SSL
13	kafka.truststore.location	truststrore location Eg: /scratch/work_area/ securityKeys/ OBLMclientTrust_142.jks
14	kafka.truststore.password	ciphered password of the trustore Eg: {cipher}Password
15	kafka.binder.configuration.sasl.mechanism	\<appropriate value>
16	kafka.binder.configuration.security.protocol	\<appropriate value>
17	kafka.binder.jaas.loginModule	\<appropriate value>
18	kafka.binder.jaas.options.password	\<appropriate value>
19	kafka.binder.jaas.options.username	\<appropriate value>
20	kafka.broker.password	\<appropriate value>
21	kafka.broker.username	\<appropriate value>
22	kafka.ssl.truststore.location	\<appropriate value>
23	kafka.ssl.truststore.password	\<appropriate value>
24	plato.orchestrator.enableSubWfDynamicAllocation	Enabling dynamic Allocation for subWorkflow
25	plato.conductor.logging.level	Default - DEBUG
26	plato.feed.feed.system.objectStore.stripeName	Default - feeds
27	plato.feed.feed.protocol	Default - http
28	plato.feed.feed.dateFormat	Default - yyyy-MM-dd
29	plato.feed.feed.commitFrequency	Default - 1000
30	plato.feed.fss.filestore.protocol	Default - http
31	plato.feed.fss.filestore.host	Default - 127.0.0.1
32	plato.feed.fss.filestore.port	Default - 8080
33	plato.feed.fss.filestore.contextRoot	Default - filestore/private

Table A-6 (Cont.) Oracle Banking Microservices Architecture Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
34	plato.feed.fss.filestream.protocol	Default - http
35	plato.feed.fss.filestream.host	Default - 127.0.0.1
36	plato.feed.fss.filestream.port	Default - 8081
37	plato.feed.fss.filestream.contextRoot	Default - filestream/private
38	plato.feed.fss.auth.bearerToken	Default - unset
39	plato.feed.fss.par.upload.description	Default - fileupload
40	plato.feed.fss.par.storageDirective	xxx
41	plato.feed.fss.stripe.service.tag	Default - feed-services
42	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>
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	• "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

ORACLE

Table A-6   (Cont.) Oracle Banking Microservices Architecture Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
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	dataload.job.corePoolSize	800
80	dataload.job.maxPoolSize	800
81	dataload.job.queueCapacity	800
82	dataload.job.gridSize	800
83	datamigration.protocol	xxx
84	datamigration.host	xxx
85	datamigration.port	xxx
86	datamigration.contextRoot	xxx
87	batch.appId	PLATOCONFIG
88	plato.batch.appId	PLATOCONFIG
89	job.abandon.duration	60
90	dataload.protocol	xxx
91	plato.dataload.framework.eureka.client.connectTimeout	1000
92	plato.dataload.framework.eureka.client.readTimeout	1000
93	plato-feed-services.plato.feed.fss.bearerTokenPath	xxx
94	userLoginId.minLength	5
95	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	eureka.client.serviceUrl.defaultZone	xxx
98	kafka.ssl.endpoint.identification.algorithm	https
99	kafka.default.producer.sync	TRUE
100	kafka.default.producer.configuration.max.block.ms	5000
101	kafka.binder.replication-factor	3
102	kafka.binder.required-acks	all
103	edp.schemas	xxx
104	edp.db.jndi	xxx
105	plato-edp-services.coherence.enabled	false
106	plato-edp-services.server.port	<server port>

Table A-6   (Cont.) Oracle Banking Microservices Architecture Domain - Property Table (Appropriate Values)

Serial Number	Property	Value
107	plato.schema	xxx
108	feed.system.timePeriod	100
109	plato.services.entityservices.port	\<sms-port\>

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=password
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.corepoolsize=100
5	obrh.taskexecutor.maxpoolsize	Default - 50 If set, it will be considered Eg: obrh.taskexecutor.maxpoolsize=100
6	obrh.taskexecutor.queuecapacity	Default - 100 If set, it will be considered Eg: obrh.taskexecutor.queuecapacity=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.encoded=true

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

Serial Number	Property	Value
9	obrh.usekeystore	Default - false If set, it will be considered Eg: obrh.usekeystore=true
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=pass word
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.aliaspassword= 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.status codes=404,500
17	obrh.ssl.protocol	Default - TLS If set, it will be considered Eg: obrh.ssl.protocol=TLSv1.2
18	cmc-obrh-services.audit.retention.days	Number of days for retention policy Eg: cmc-obrh- services.audit.retention.days= 7

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

Serial Number	Property	Value
19	cmc-obrh-services.audit.retention.archival	<Y or N> Y for archiving N for purging Eg: cmc-obrh-services.audit.retention.archival=N
20	obrh.import.overwrite	Default: false <true or false> Eg: obrh.import.overwrite=true
21	cmc-obrh-jms-consumer.connectionFactory	<JMS_CONN_FACTORY_JNDI>
22	cmc-obrh-jms-consumer.queue	<JMS_CONN_QUEUE_JNDI>
23	cmc-obrh-jms-consumer.server.port	<SERVER_PORT>
24	cmc-obrh-services.coherence.enabled	false
25	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 Oracle Banking Microservices Architecture 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
${nonsecure.port.enabled}	false	true	For disabling inter-service communication on non-secure port. Values can be **false** or **true**.
${secure.port.enabled}	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.

Index

I

Installation Process, *1-1*