

Oracle® Banking Liquidity Management Pre-Installation Guide



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1 Installation Process

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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 |

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 (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

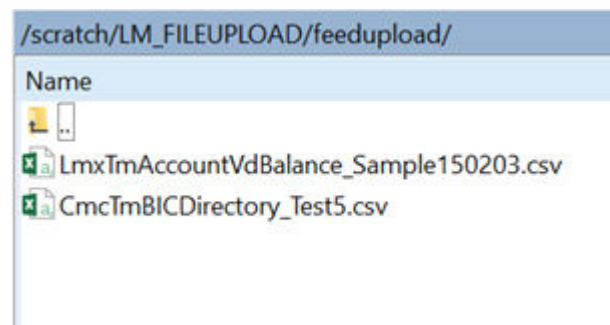
- Create LM_FILEUPLOAD under /scratch folder
- Create a Folder (ex: - feedUpload) under /LM_FILEUPLOAD folder
- Create all sub folders as in the screen shot and all Sub folders should have full access.

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 |
|-----|---------------------|---------|-------|-----------------------|-----------------------------------|
| 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 1-4 PLATO_TM_FEED Table

| ID | FEED_NAME | FEED_DESCRIPTION | CHAR_SIZE | RAW_PROCESS | DELIMITER_ID | HEADER_ROW |
|----|---------------------------|----------------------------|-----------|-------------|--------------|--|
| 1 | CacTbCountry | CacTbCountry | 10 | Y | | 1PLAIN RECORD PROCESSOR |
| 2 | LamTbAccountVbBalance | LamTbAccountVbBalance | 10 | Y | | 1PLAIN RECORD PROCESSOR |
| 3 | LamTbInterfaceMaster | LamTbInterfaceMaster | 10 | Y | | 1DISCRIMINATOR PARENT RECORD PROCESSOR |
| 4 | ECSpecialCondition | EC Special Condition Input | 10 | N | | 1DISCRIMINATOR PARENT RECORD PROCESSOR |
| 5 | CacTbBICDirectory | CacTbBICDirectory | 10 | Y | | 1PLAIN RECORD PROCESSOR |
| 6 | CacTbCurrencyDefinition | CacTbCurrencyDefinition | 10 | Y | | 1DISCRIMINATOR PARENT RECORD PROCESSOR |
| 7 | CacTbCoreAccount | CacTbCoreAccount | 10 | Y | | 1PLAIN RECORD PROCESSOR |
| 8 | LamTbCoreCustomer | LamTbCoreCustomer | 10 | Y | | 1PLAIN RECORD PROCESSOR |
| 9 | CacTbCurrencyExchangeRate | CacTbCurrencyExchangeRate | 10 | Y | | 1DISCRIMINATOR PARENT RECORD PROCESSOR |
| 10 | CacTbCurrencyHoliday | CacTbCurrencyHoliday | 10 | Y | | 1DISCRIMINATOR PARENT RECORD PROCESSOR |
| 11 | LamTbAccount | LamTbAccount | 10 | Y | | 1DISCRIMINATOR PARENT RECORD PROCESSOR |
| 12 | LamTbCustomer | LamTbCustomer | 10 | Y | | 1PLAIN RECORD PROCESSOR |
| 13 | LamTbBankParameters | LamTbBankParameters | 10 | Y | | 1DISCRIMINATOR PARENT RECORD PROCESSOR |
| 14 | LamTbBranchParameters | LamTbBranchParameters | 10 | Y | | 1DISCRIMINATOR PARENT RECORD PROCESSOR |
| 15 | LamTbCountryParameters | LamTbCountryParameters | 10 | Y | | 1PLAIN RECORD PROCESSOR |
| 16 | LamTbCurrencyParameters | LamTbCurrencyParameters | 10 | Y | | 1PLAIN RECORD PROCESSOR |
| 17 | LamTbCurrencyCutoff | LamTbCurrencyCutoff | 10 | Y | | 1DISCRIMINATOR PARENT RECORD PROCESSOR |
| 18 | CacTbBranchLocalHoliday | CacTbBranchLocalHoliday | 10 | Y | | 1DISCRIMINATOR PARENT RECORD PROCESSOR |
| 19 | CoreBank | CoreBank | 10 | Y | | 1PLAIN RECORD PROCESSOR |
| 20 | CoreBranch | CoreBranch | 10 | Y | | 1DISCRIMINATOR PARENT RECORD PROCESSOR |
| 21 | LamTbSweepInstruction | LamTbSweepInstruction | 10 | Y | | 1DISCRIMINATOR 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-dcbd52c0bc91 | appId CMNCORE |
| 2 | a33a1346-07f5-44d0-82a4-acbd12c0bc32 | f33a1346-07f5-44d0-82a4-dcbd52c0bc91 | userId LMADMIN2 |
| 3 | a33a1346-07f5-44d0-82a4-acbd12c0bc33 | f33a1346-07f5-44d0-82a4-dcbd52c0bc91 | 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/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.) Plato - 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 | domain.placeholderReplacement | true |
| 44 | plato.batch.server.conductor.timeout | 60 |
| 45 | Dspring.main.allow-circular-references | true |
| 46 | user.hierarchyLevel | 4 |
| 47 | user.reporteesHierarchyLevel | 4 |
| 48 | plato-edp-services.edp.obrh.userId | UserId to be used to invoke obrh service from within edp service |
| 49 | plato-edp-services.edp.obrh.branchCode | <BRANCH CODE> BranchCode to be used to invoke obrh service from within edp service. |
| 50 | plato.batch.server.tas.processor.hostname | Not applicable for onprem. Can be null Give the tas-processor-service hostname for cloud. |
| 51 | plato.batch.server.tas.processor.port | <SERVER PORT> Not applicable for onprem. Can be null. Give the tas-processor-service port for cloud. |

 **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 | 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 |
| 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 |

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

| Serial Number | PROPERTY | VALUE |
|---------------|--|---|
| 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 |
| 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 |

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

| Serial Number | PROPERTY | VALUE |
|---------------|--|---|
| 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. |
| 77 | cmc-mailnotification-services.coherence.enabled | true/false based on the environment. By default, it is true. |

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

| Serial Number | PROPERTY | VALUE |
|---------------|--|--|
| 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. |

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 |
| 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 |

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

| Serial Number | Property | Value |
|---------------|--|--|
| 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> |
| 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> |

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

| Serial Number | Property | Value |
|---------------|--|-----------------|
| 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 |
| 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 |

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

| Serial Number | Property | Value |
|---------------|--|---|
| 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 Plato 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> |

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

| Serial Number | Property | Value |
|---------------|---|--|
| 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 | truststore location Eg: /scratch/work_area/ securityKeys/ OBLMclientTrust_142.jks |
| 14 | kafka.truststore.password | ciphered password of the truststore 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 |
| 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 |

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

| Serial Number | Property | Value |
|---------------|--|---|
| 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 | <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 |

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

| Serial Number | Property | Value |
|---------------|---|--|
| 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.appld | PLATOCONFIG |
| 88 | plato.batch.appld | 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 | edp.schemas | xxx |
| 100 | edp.db.jndi | xxx |
| 101 | plato-edp-services.coherence.enabled | false |
| 102 | plato-edp-services.server.port | <server port> |
| 103 | plato.schema | xxx |
| 104 | feed.system.timePeriod | 100 |
| 105 | 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 |

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

| Serial Number | Property | Value |
|---------------|------------------------------------|---|
| 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 |
| 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=password |

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

| Serial Number | Property | Value |
|---------------|--|--|
| 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 separated 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 |
| 19 | cmc-obrh-services.audit.retention.archival | <Y or N> Y for archiving N for purging Eg: cmc-obrh- services.audit.retention.archiv al=N |
| 20 | obrh.import.overwrite | Default: false <true or false> Eg: obrh.import.overwrite=true |
| 21 | cmc-obrh-jms-consumer.connectionFactory | <JMS_CONN_FACTORY_JN DI> |
| 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 plato domain.

Table A-8 SSL Setup Configuration

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