

OBVAM Pre-Installation Guide
Oracle Banking Virtual Account Management
Release 14.4.0.3.0
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1. Installation Process

This document details out the order (sequence) in which the user must carry on the installation process. The common services required by OBVAM application are also listed.

1.1 Execution Order of Installation Manual

Oracle Banking Virtual Account Management Installer Guide proceeds with other installations guide:

- Oracle Banking Plato Infrastructure Services Installation Guide
- Oracle Banking Security Management System Services Installation Guide
- Oracle Banking Common Core Services Installation Guide
- Oracle Banking Virtual Account Management Installation Guide

1.2 Supporting Documents

- Oracle Banking Plato Infrastructure Services – ANNEXURE-1 (for LDAP Setup)

1.3 Prerequisite

OSDC package consists of 4 zip files. Before proceeding with installation, you have to unzip them into the same common folder.

- OBVAM_14.4.0.0.0_CD1.zip
- OBVAM_14.4.0.0.0_CD2.zip
- OBVAM_14.4.0.0.0_CD3.zip
- OBVAM_14.4.0.0.0_CD4.zip

1.3.1 Software Prerequisite List

- Oracle Database Enterprise Edition
- Oracle WebLogic Server Standard Edition
- LDAP server
- Apache Kafka
- Apache ZooKeeper

1.3.2 PLATO Installation

1.3.2.1 List of Services required for OBVAM

1. PLATO-CONFIG-SERVICE
2. PLATO-API-GATEWAY
3. PLATO-DISCOVERY-SERVICE
4. PLATO-UI-CONFIG-SERVICES
5. PLATO-BATCH-SERVER
6. PLATO-FEED-SERVICES

Refer 'Oracle Banking Plato Infrastructure Services Installation Guide' for further details on deployments.

1.3.2.2 Domain Configuration

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

1. pre_deployment_setup\plato-config-deploy.env
This file applicable only for plato-config-service. Edit this file and provide appropriate values.
2. pre_deployment_setup\domain-config-deploy.env
This file is applicable for rest of the PLATO services. Edit this file and provide appropriate values
3. pre_deployment_setup\weblogic\setUserOverrides.sh

For providing property values, refer to “**Annexure**” section of this document.

1.3.3 SMS Installation

1.3.3.1 List of Services required for OBVAM

1. SMS-CORE-SERVICES

1.3.3.2 Domain Configuration

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

1. pre_deployment_setup\domain-config-deploy.env
Edit this file and provide appropriate values
2. pre_deployment_setup\weblogic\setUserOverrides.sh

Refer ‘Oracle Banking Security Management System Services Installation Guide’ for further details on deployments.

1.3.4 COMMON CORE Installation

1.3.4.1 List of Services required for OBVAM

1. CMC-ACCOUNT-SERVICE
2. CMC-BRANCH-SERVICE
3. CMC-BASE-SERVICE
4. CMC-BATCH-SERVICES
5. CMC-CUSTOMER-SERVICE
6. CMC-CURRENCY-SERVICE
7. CMC-DATASEGMENT-SERVICES
8. CMC-EXTERNAL-SYSTEM-SERVICE
9. CMC-SETTLEMENTS-SERVICE
10. CMC-TXN-CODE-SERVICE
11. CMC-EXTERNAL-CHART-ACCOUNT
12. CMC-ADVICE-SERVICES
13. CMC-FACILITIES-SERVICES
14. CMC-REPORT-SERVICE
15. CMC-RESOURCE-SEGMENT-ORCHESTRATOR-SERVICE
16. CMC-EXTERNAL-VIRTUAL-ACCOUNT-SERVICES

17. CMC-COREBANKING-ADAPTER-SERVICE
18. CMC-TRANSACTIONCONTROLLER-SERVICES
19. CMC-SCREENCLASS-SERVICES

1.3.4.2 Domain Configuration

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

1. pre_deployment_setup\domain-config-deploy.env
Edit this file and provide appropriate values
2. pre_deployment_setup\weblogic\setUserOverrides.sh

Refer 'Oracle Banking Common Core Service Installation Guide' for further details.

1.4 Annexure

1.4.1 plato-config-deploy.env

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

| | 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/obvam |
| 5 | flyway.domain.placeholders.plato-feed-services.jndi | jdbc/PLATOFEED |
| 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.sms.jndi | jdbc/sms |
| 12 | flyway.domain.placeholders.cmncore.jndi | jdbc/CMNCORE |
| 13 | flyway.domain.placeholders.eie.jndi | jdbc/EIE |
| 14 | flyway.domain.placeholders.elm.jndi | jdbc/ELM |
| 15 | flyway.domain.placeholders.vam.jndi | jdbc/VAM |
| 16 | flyway.domain.placeholders.vac.jndi | jdbc/VAC |
| 17 | flyway.domain.placeholders.vab.jndi | jdbc/VAB |
| 18 | flyway.domain.placeholders.vae.jndi | jdbc/VAE |
| 19 | flyway.domain.placeholders.eda.jndi | jdbc/EDA |
| 20 | flyway.domain.placeholders.vai.jndi | jdbc/VAI |

| | | |
|----|-------------------------------------|----------|
| 21 | flyway.domain.placeholders.van.jndi | jdbc/VAN |
| 22 | flyway.domain.placeholders.vap.jndi | jdbc/VAP |
| 23 | flyway.domain.placeholders.vas.jndi | jdbc/VAS |
| 24 | flyway.domain.placeholders.vat.jndi | jdbc/VAT |

You should provide appropriate values for the below fields

| | PROPERTY | VALUE |
|----|--|---|
| 1 | PLATO_CONFIG_MANAGED_SERVER_NAME | <plato config managed server name> |
| 2 | plato-config.flyway.domain.db.username | <plato schema username> |
| 3 | plato-config.flyway.domain.db.password | <plato schema password> |
| 4 | plato-config.flyway.domain.db.jdbcUrl | <plato schema jdbcUrl> |
| 5 | plato-config.flyway.domain.schemas | <plato schema name> |
| 6 | flyway.domain.placeholders.plato.eventhub.broker.hosts | <kafka url> |
| 7 | flyway.domain.placeholders.plato.eventhub.zookeeper.hosts | <zookeeper url> |
| 8 | flyway.domain.placeholders.driver.className | oracle.jdbc.driver.OracleDriver |
| 9 | flyway.domain.placeholders.eureka.host | <eureka host> |
| 10 | flyway.domain.placeholders.eureka.port | <eureka port> |
| 11 | flyway.domain.placeholders.zipkin.host | <zipkin host> |
| 12 | flyway.domain.placeholders.zipkin.port | <zipkin port> |
| 13 | flyway.domain.placeholders.plato-config.username | <plato schema username> |
| 14 | flyway.domain.placeholders.plato-config.password | <plato schema password> |
| 15 | flyway.domain.placeholders.plato-config.jdbcUrl | <plato schema jdbcUrl> |
| 16 | flyway.domain.placeholders.plato-config.schemas | <plato schema name> |
| 17 | flyway.domain.placeholders.plato-config.sessionIdleTimeout | <session idle timeout> |
| 18 | flyway.domain.placeholders.plato-config.sessionIdleWarningTime | <session idle warning time> |
| 19 | flyway.domain.placeholders.plato-config.environment | <plato environment> |
| 20 | flyway.domain.placeholders.api-gateway.host | <api-gateway host> |
| 21 | flyway.domain.placeholders.api-gateway.username | <api-gateway schema username> |
| 22 | flyway.domain.placeholders.api-gateway.password | <api-gateway schema password> |
| 23 | flyway.domain.placeholders.api-gateway.jdbcUrl | <api-gateway schema jdbcUrl> |
| 24 | flyway.domain.placeholders.api-gateway.schemas | <api-gateway schema name> |
| 25 | flyway.domain.placeholders.plato-api-gateway.server.port | <api-gateway server port> |
| 26 | flyway.domain.placeholders.USER.STORE | <user store> |
| 27 | flyway.domain.placeholders.LDAP.CORS.allowed.origin | <LDAP cors allowed origins with comma separated list> |
| 28 | flyway.domain.placeholders.LDAP.credential.SALT | <salt> |

| | | |
|----|--|--|
| 29 | flyway.domain.placeholders.JWT.EXPIRY.seconds | <expiry seconds> |
| 30 | flyway.domain.placeholders.LDAP.url | <LDAP url> |
| 31 | flyway.domain.placeholders.LDAP.userId | <LDAP userid> |
| 32 | flyway.domain.placeholders.LDAP.server.base | <LDAP server base> |
| 33 | flyway.domain.placeholders.LDAP.server.credential | <LDAP server credential> |
| 34 | flyway.domain.placeholders.LDAP.usersearch.base | <LDAP user search base> |
| 35 | flyway.domain.placeholders.LDAP.user.prefix | <LDAP user prefix> |
| 36 | flyway.domain.placeholders.LDAP.provider | Allowed values are: EMBEDDED_WEBLOGIC, PLATO. If LDAP is running in weblogic then value should be EMBEDDED_WEBLOGIC, else if spring based LDAP(which is run through a jar provided) is used, then the value should be PLATO |
| 37 | flyway.domain.placeholders.TOKEN.autoregenerate | <autogenerate token> |
| 38 | flyway.domain.placeholders.SSO.enabled | <is SSO enabled> |
| 39 | flyway.domain.placeholders.TOKEN.regeneration.enabled | <is token regeneration enabled> |
| 40 | flyway.domain.placeholders.plato-ui-config.username | <plato-ui schema username> |
| 41 | flyway.domain.placeholders.plato-ui-config.password | <plato-ui schema password> |
| 42 | flyway.domain.placeholders.plato-ui-config.jdbcUrl | <plato-ui schema jdbc url> |
| 43 | flyway.domain.placeholders.plato-ui-config.schemas | <plato-ui schema name> |
| 44 | flyway.domain.placeholders.plato-ui-config-services.server.port | <plato-ui service port> |
| 45 | flyway.domain.placeholders.apigateway.host | <api-gateway host> |
| 46 | flyway.domain.placeholders.apigateway.port | <api-gateway port> |
| 47 | flyway.domain.placeholders.plato-discovery-service.server.port | <plato-discovery service port> |
| 48 | flyway.domain.placeholders.plato-orch-service.server.port | <plato-orch service port> |
| 49 | flyway.domain.placeholders.plato-orchestrator.hostname | <plato-orchestrator hostname> |
| 50 | flyway.domain.placeholders.plato-feed-services.username | <plato-feed schema username> |
| 51 | flyway.domain.placeholders.plato-feed-services.password | <plato-feed schema password> |
| 52 | flyway.domain.placeholders.plato-feed-services.jdbcUrl | <plato-feed schema jdbc url> |
| 53 | flyway.domain.placeholders.plato-feed-services.schemas | <plato-feed schema name> |
| 54 | flyway.domain.placeholders.plato-feed-services.feed.upload.directory | <plato-feed upload directory> |

| | | |
|----|--|---|
| 55 | flyway.domain.placeholders.plato-feed-services.server.port | <plato-feed service port> |
| 56 | flyway.domain.placeholders.plato-batch-server.username | <plato-batch schema username> |
| 57 | flyway.domain.placeholders.plato-batch-server.password | <plato-batch schema password> |
| 58 | flyway.domain.placeholders.plato-batch-server.jdbcUrl | <plato-batch schema jdbcUrl> |
| 59 | flyway.domain.placeholders.plato-batch-server.schemas | <plato-batch schema name> |
| 60 | flyway.domain.placeholders.plato-batch-server.server.port | <plato-batch server port> |
| 61 | flyway.domain.placeholders.plato-batch-server.plato.eventhub.kafka.brokers | <plato-batch kafka url> |
| 62 | flyway.domain.placeholders.plato-batch-server.plato.eventhub.zk.nodes | <plato-batch zookeeper url> |
| 63 | flyway.domain.placeholders.plato-alerts-management-services.username | <plato-alerts-management schema username> |
| 64 | flyway.domain.placeholders.plato-alerts-management-services.password | <plato-alerts-management schema password> |
| 65 | flyway.domain.placeholders.plato-alerts-management-services.jdbcUrl | <plato-alerts-management schema jdbcUrl> |
| 66 | flyway.domain.placeholders.plato-alerts-management-services.schemas | <plato-alerts-management schema schemas> |
| 67 | flyway.domain.placeholders.plato-alerts-management-services.server.port | <plato-alerts-management schema port> |
| 68 | flyway.domain.placeholders.sms-core-services.server.port | <sms-core server port> |
| 69 | flyway.domain.placeholders.sms.username | <sms schema username> |
| 70 | flyway.domain.placeholders.sms.password | <sms schema password> |
| 71 | flyway.domain.placeholders.sms.jdbcUrl | <sms schema jdbcUrl> |
| 72 | flyway.domain.placeholders.sms.schemas | <sms schema name> |
| 73 | flyway.domain.placeholders.cmncore.username | <cmncore schema username> |
| 74 | flyway.domain.placeholders.cmncore.password | <cmncore schema password> |
| 75 | flyway.domain.placeholders.cmncore.jdbcUrl | <cmncore schema jdbcUrl> |
| 76 | flyway.domain.placeholders.cmncore.schemas | <cmncore schema name> |
| 77 | flyway.domain.placeholders.cmc-corebanking-adapter-service.server.port | <cmc-corebanking-adapter server port> |
| 78 | flyway.domain.placeholders.cmc-currency-services.server.port | <cmc-currency server port> |
| 79 | flyway.domain.placeholders.cmc-account-services.server.port | <cmc-account server port> |

| | | |
|-----|--|---|
| 80 | flyway.domain.placeholders.cmc-base-services.server.port | <cmc-base server port> |
| 81 | flyway.domain.placeholders.cmc-external-virtual-account-services.server.port | <cmc-external-virtual-account server port> |
| 82 | flyway.domain.placeholders.cmc-branch-services.server.port | <cmc-branch server port> |
| 83 | flyway.domain.placeholders.cmc-customer-services.server.port | <cmc-customer server port> |
| 84 | flyway.domain.placeholders.cmc-external-chart-account-services.server.port | <cmc-external-chart-account server port> |
| 85 | flyway.domain.placeholders.cmc-external-system-services.server.port | <cmc-external-system server port> |
| 86 | flyway.domain.placeholders.cmc-advice-services.server.port | <cmc-advice server port> |
| 87 | flyway.domain.placeholders.cmc-facilities-services.server.port | <cmc-facilities server port> |
| 88 | flyway.domain.placeholders.cmc-txn-code-services.server.port | <cmc-txn-code server port> |
| 89 | flyway.domain.placeholders.cmc-settlement-services.server.port | <cmc-settlement server port> |
| 90 | flyway.domain.placeholders.cmc-businessoverrides-services.server.port | <cmc-businessoverrides server port> |
| 91 | flyway.domain.placeholders.cmc-resource-segment-orchestrator-service.server.port | <cmc-resource-segment-orchestrator server port> |
| 92 | flyway.domain.placeholders.cmc-screenclass-services.server.port | <cmc-screenclass server port> |
| 93 | flyway.domain.placeholders.cmc-datasegment-services.server.port | <cmc-datasegment server port> |
| 94 | flyway.domain.placeholders.cmc-settlements-services.server.port | <cmc-settlements server port> |
| 95 | flyway.domain.placeholders.cmc-transactioncontroller-services.server.port | <cmc-transactioncontroller server port> |
| 96 | flyway.domain.placeholders.cmc-report-services.server.port | <cmc-report server port> |
| 97 | flyway.domain.placeholders.cmc-nlp-annotator-services.server.port | <cmc-nlp-annotator server port> |
| 98 | flyway.domain.placeholders.cmc-nlp-dashboard-widget-services.server.port | <cmc-nlp-dashboard-widget server port> |
| 99 | flyway.domain.placeholders.cmc-nlp-model-mngmnt-services.server.port | <cmc-nlp-model-mngmnt server port> |
| 100 | flyway.domain.placeholders.cmc-nlp-online-processing-services.server.port | <cmc-nlp-online-processing server port> |

| | | |
|-----|---|---|
| 101 | flyway.domain.placeholders.cmc-nlp-tag-maint-services.server.port | <cmc-nlp-tag-maint server port> |
| 102 | flyway.domain.placeholders.cmc-nlp-text-extraction-services.server.port | <cmc-nlp-text-extraction server port> |
| 103 | flyway.domain.placeholders.cmc-nlp-txn-log-services.server.port | <cmc-nlp-txn-log server port> |
| 104 | flyway.domain.placeholders.cmc-nlp-util-services.server.port | <cmc-nlp-util server port> |
| 105 | flyway.domain.placeholders.cmc-batch-services.server.port | <cmc-batch server port> |
| 106 | flyway.domain.placeholders.cmc-fc-ai-ml-services.server.port | <cmc-fc-ai-ml server port> |
| 107 | flyway.domain.placeholders.cmc-fc-ai-ml-services.postingPath | <cmc-fc-ai-ml service postingPath> |
| 108 | flyway.domain.placeholders.cmc-fc-ai-ml-services.pollingEmail | <cmc-fc-ai-ml service pollingEmail> |
| 109 | flyway.domain.placeholders.cmc-fc-ai-ml-services.emailServerPort | <cmc-fc-ai-ml service emailServerPort> |
| 110 | flyway.domain.placeholders.cmc-fc-ai-ml-services.emailServerHost | <cmc-fc-ai-ml service emailServerHost> |
| 111 | flyway.domain.placeholders.cmc-fc-ai-ml-services.pollingFrequency | <cmc-fc-ai-ml service pollingFrequency> |
| 112 | flyway.domain.placeholders.cmc-fc-ai-ml-services.pollerInitialDelay | <cmc-fc-ai-ml service pollerInitialDelay> |
| 113 | flyway.domain.placeholders.cmc-fc-ai-ml-services.emailPassword | <cmc-fc-ai-ml service emailPassword> |
| 114 | flyway.domain.placeholders.cmc-fc-ai-ml-services.pollingPath | <cmc-fc-ai-ml service pollingPath> |
| 115 | flyway.domain.placeholders.weblogic.userid | <weblogic userid> |
| 116 | flyway.domain.placeholders.weblogic.password | <weblogic password> |
| 117 | flyway.domain.placeholders.biPublisher.host | <biPublisher host> |
| 118 | flyway.domain.placeholders.biPublisher.port | <biPublisher port> |
| 119 | flyway.domain.placeholders.runReportTemplate | <run report template> |
| 120 | flyway.domain.placeholders.emailTemplate | <email template> |
| 121 | flyway.domain.placeholders.dms.host | <dms host> |
| 122 | flyway.domain.placeholders.dms.port | <dms port> |
| 123 | flyway.domain.placeholders.eie.server.port | <eie server port> |
| 124 | flyway.domain.placeholders.eie.schemas | <eie schema name> |
| 125 | flyway.domain.placeholders.elm.server.port | <elm server port> |
| 126 | flyway.domain.placeholders.elm.schemas | <elm schema name> |
| 127 | flyway.domain.placeholders.vam.server.port | <vam server port> |
| 128 | flyway.domain.placeholders.vam.schemas | <vam schema name> |
| 129 | flyway.domain.placeholders.vac.server.port | <vac server port> |

| | | |
|-----|--|----------------------------------|
| 130 | flyway.domain.placeholders.vac.schemas | <vac schema name> |
| 131 | flyway.domain.placeholders.vab.server.port | <vab server port> |
| 132 | flyway.domain.placeholders.vab.schemas | <vab schema name> |
| 133 | flyway.domain.placeholders.vae.server.port | <vae server port> |
| 134 | flyway.domain.placeholders.vae.schemas | <vae schema name> |
| 135 | flyway.domain.placeholders.eda.server.port | <eda server port> |
| 136 | flyway.domain.placeholders.eda.schemas | <eda schema name> |
| 137 | flyway.domain.placeholders.vai.server.port | <vai server port> |
| 138 | flyway.domain.placeholders.vai.schemas | <vai schema name> |
| 139 | flyway.domain.placeholders.van.server.port | <van server port> |
| 140 | flyway.domain.placeholders.van.schemas | <van schema name> |
| 141 | flyway.domain.placeholders.vap.server.port | <vap server port> |
| 142 | flyway.domain.placeholders.vap.schemas | <vap schema name> |
| 143 | flyway.domain.placeholders.vas.server.port | <vas server port> |
| 144 | flyway.domain.placeholders.vas.schemas | <vas schema name> |
| 145 | flyway.domain.placeholders.vat.server.port | <vat server port> |
| 146 | flyway.domain.placeholders.vat.schemas | <vat schema name> |
| 147 | flyway.domain.placeholders.vaj.server.port | <vaj server port> |
| 148 | spring.cloud.config.uri | <config service uri> |
| 149 | apigateway.url | <apigateway url> |
| 150 | service.logging.environment | <environment> example: DEV, TEST |
| 151 | service.logging.path | <application debug logs path> |

1.4.2 domain-config-deploy.env

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

| | PROPERTY | VALUE |
|---|-----------------------|---------|
| 1 | flywayTask | migrate |
| 2 | flyway.enabled | true |
| 3 | spring.flyway.enabled | false |

You should provide appropriate values for the below fields

| | 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> |

1.5 Disclaimer

Every step which is provided in this document in 1.2 section are mandatory.



OBVAM Pre-Installation Guide

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