

**Pre-Installation Guide**

**Oracle Banking Virtual Account Management**

Release 14.5.4.0.0

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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 Oracle Banking Virtual Account Management 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 Microservices Platform Foundation Installation Guide
- Security Management System Services Installation Guide
- Common Core Services Installation Guide
- Oracle Banking Virtual Account Management Installation Guide

## 1.2 Supporting Documents

- Oracle Banking Microservices Platform Foundation – 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\_14.5.4.0.0\_CD1.zip
- OBVAM\_14.5.4.0.0\_CD2.zip
- OBVAM\_14.5.4.0.0\_CD3.zip
- OBVAM\_14.5.4.0.0\_CD4.zip

### 1.3.1 Software Prerequisite List

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

### 1.3.2 Oracle Banking Microservices Architecture Installation

#### 1.3.2.1 List of Services required for Oracle Banking Virtual Account Management

1. PLATO-CONFIG-SERVICE
2. PLATO-DISCOVERY-SERVICE
3. PLATO-API-GATEWAY
4. PLATO-UI-CONFIG-SERVICES
5. PLATO-BATCH-SERVER
6. PLATO-FEED-SERVICES
7. PLATO-O
8. PLATO-ORCH-SERVICE
9. PLATO-REPORT-SERVICE

Refer **Oracle Banking Microservices Platform Foundation Installation Guide** for further details on deployments.

### **1.3.2.2 Domain Configuration**

Copy the 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 Oracle Banking Microservices Architecture 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 Oracle Banking Virtual Account Management**

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 **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 Oracle Banking Virtual Account Management**

1. CMC-ACCOUNT-SERVICE
2. CMC-BRANCH-SERVICE
3. CMC-BASE-SERVICE
4. CMC-BATCH-SERVICES
5. CMC-BUSINESSOVERRIDES-SERVICES
6. CMC-CUSTOMER-SERVICE
7. CMC-CURRENCY-SERVICE
8. CMC-DATASEGMENT-SERVICES
9. CMC-EXTERNAL-SYSTEM-SERVICE
10. CMC-SETTLEMENTS-SERVICE
11. CMC-TXN-CODE-SERVICE
12. CMC-EXTERNAL-CHART-ACCOUNT
13. CMC-ADVICE-SERVICES
14. CMC-RESOURCECLASS-SERVICES
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
20. CMC-OBRRH-SERVICE
21. CMC-CHARGES-CALCULATION-SERVICES

### 1.3.4.2 Domain Configuration

Copy the 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 **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.

S NO	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, db/migration/domain/vamlm
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

S NO	PROPERTY	VALUE
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
25	flyway.domain.placeholders.obic.jndi	jdbc/VAM
26	flyway.domain.placeholders.obvamic.jndi	jdbc/VAM

S NO	PROPERTY	VALUE
27	flyway.domain.placeholders.platoorch.domain.jndi	jdbc/PLATO-O
28	flyway.domain.placeholders.plato-config.db.jndi	jdbc/PLATO
29	flyway.domain.placeholders.vamlmchg.jndi	jdbc/VAMLMCHG

For the complete properties of plato-config-deploy.env file, refer to the folder /pre\_deployment\_setup under OSDC zip. You must provide appropriate values for the key which are not listed in the above table.

#### 1.4.2 domain-config-deploy.env

For the complete properties of domain-config-deploy.env file, refer to the folder /pre\_deployment\_setup under OSDC zip.

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

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

You should provide appropriate values for the below fields

Serial Number	Property	Value
1	spring.cloud.config.uri	<config service uri>
2	apigateway.url	<apigateway url>
3	service.logging.environment	<environment> example: DEV, TEST
4	service.logging.path	<application debug logs path>
5	flyway.domain.placeholders.user.mapping.required	<User mapping required>
6	feed.recordLevelApprovalReqd	<true or false>
7	conductor.properties	Path to /config.properties
8	flyway.domain.placeholders.INTEGRATION.ENABLED	true or false
9	flyway.domain.placeholders.pswd.validation.flag	Y or N
10	flyway.domain.placeholders.min.pswd.length	<Min Password Length>
11	flyway.domain.placeholders.max.pswd.length	<Max Password Length>

Serial Number	Property	Value
12	flyway.domain.placeholders.min.pswd.age	<Min Password Age>
13	flyway.domain.placeholders.max.pswd.age	<Max Password Age>
14	flyway.domain.placeholders.upper.char.flag	Y or N
15	flyway.domain.placeholders.upper.char.count	<Count>
16	flyway.domain.placeholders.lower.char.flag	Y or N
17	flyway.domain.placeholders.lower.char.count	<Count>
18	flyway.domain.placeholders.special.char.flag	Y or N
19	flyway.domain.placeholders.special.char.count	<Count>
20	flyway.domain.placeholders.numeric.char.flag	Y or N
21	flyway.domain.placeholders.numeric.char.count	<Count>

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

## 1.5 **Disclaimer**

Every step which is provided in this document in 1.3 section are mandatory.





## Pre-Installation Guide

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