Oracle® Banking Virtual Account Management
Pre-Installation Guide

Release 14.6.1.0.0

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Oracle Banking Virtual Account Management Pre-Installation Guide, Release 14.6.1.0.0

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Contents

Preface

Purpose

This guide describes the order (sequence) in which the user must proceed with the installation process. The common services required by the Oracle Banking Virtual Account Management application are also listed.

Audience

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

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

Abbreviation	Description
LDAP	Lightweight Directory Access Protocol
OSDC	Oracle Software Delivery Cloud
SMS	Security Management System

List of Topics

This guide is organized as follows:

Table 2   List of Topics

Topics	Description
Installation Process	This topic provides the information about the installation sequence of all the services and the respective domain configurations.
Annexure	This topic provides the information about the property values.

Related Documents

The related documents are as follows:

- *ANNEXURE-1* (for LDAP Setup)

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Installation Process

This topic describes the order (sequence) in which the user must carry on the installation process.

Execution Order of Installation Guide

Oracle Banking Virtual Account 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 Virtual Account Management Installation Guide*

Prerequisites

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

- OBVAM_{release number}_CD1.zip
- OBVAM_{release number}_CD2.zip
- OBVAM_{release number}_CD3.zip
- OBVAM_{release number}_CD4.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
- Conductor server

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

- Oracle Banking Microservices Architecture Installation
- SMS Installation

- Common Core Installation

1.1 Oracle Banking Microservices Architecture Installation

List of Services

The list of services required for Oracle Banking Virtual Account Management are as follows:

- PLATO-CONFIG-SERVICE
- PLATO-DISCOVERY-SERVICE
- PLATO-API-GATEWAY
- PLATO-UI-CONFIG-SERVICES
- PLATO-BATCH-SERVER
- PLATO-FEED-SERVICES
- PLATO-O
- PLATO-ORCH-SERVICE
- PLATO-REPORT-SERVICE

> **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 Mircoservices Architecture <domain>/bin folder.

- pre_deployment_setup\plato-config-deploy.env
  This file is applicable only for plato-config-service. Edit this file and provide the appropriate values.
- pre_deployment_setup\domain-config-deploy.env
  This file is applicable for rest of the Oracle Banking Mircoservices Architecture services. Edit this file and provide the appropriate values
- pre_deployment_setup\weblogic\setUserOverrides.sh

> **Note:**
>
> For providing the property values, refer to **Annexure** section of this document.

1.2 SMS Installation

List of Services

The list of services required for Oracle Banking Virtual Account Management are as follows:

- SMS-CORE-SERVICES

Domain Configuration

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

- pre_deployment_setup\domain-config-deploy.env
  Edit this file and provide the appropriate values.

- pre_deployment_setup\weblogic\setUserOverrides.sh

> **Note:**
>
> For further details on deployments, refer to **_Security Management System Services Installation Guide_**.

1.3 Common Core Installation

List of Services

The list of services required for Oracle Banking Virtual Account Management are as follows:

- CMC-ACCOUNT-SERVICE
- CMC-BRANCH-SERVICE
- CMC-BASE-SERVICE
- CMC-BATCH-SERVICES
- CMC-BUSINESSOVERRIDES-SERVICES
- CMC-CUSTOMER-SERVICE
- CMC-CURRENCY-SERVICE
- CMC-DATASEGMENT-SERVICES
- CMC-EXTERNAL-SYSTEM-SERVICE
- CMC-SETTLEMENTS-SERVICE
- CMC-TXN-CODE-SERVICE
- CMC-EXTERNAL-CHART-ACCOUNT
- CMC-ADVICE-SERVICES
- CMC-RESOURCECLASS-SERVICES
- CMC-RESOURCE-SEGMENT-ORCHESTRATOR-SERVICE
- CMC-EXTERNAL-VIRTUAL-ACCOUNT-SERVICES
- CMC-COREBANKING-ADAPTER-SERVICE

- CMC-TRANSACTIONCONTROLLER-SERVICES
- CMC-SCREENCLASS-SERVICES
- CMC-OBRH-SERVICE
- CMC-CHARGES-CALCULATION-SERVICES

Domain Configuration

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

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

> **Note:**
>
> For further details on deployments, refer to ***Common Core Services Installation Guide***.

A

Annexure

plato-config-deploy.env

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

Table A-1   plato-config-deploy.env - 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/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
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
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

> **Note:**
>
> For the complete properties of plato-config-deploy.env file, refer to the folder `/pre_deployment_setup` under OSDC zip. The user must provide appropriate values for the key which are not listed in the above table.

domain-config-deploy.env

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

Table A-2   domain-config-deploy.env - 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

Provide the appropriate values for the following fields.

Table A-3   domain-config-deploy.env - Property Values (Appropriate Values)

Serial Number	PROPERTY	VALUE
1	spring.cloud.config.uri	<config service uri>
2	apigateway.url	<apigateway url>
3	service.logging.environment	<environment> example: DEV, TEST
4	service.logging.path	<application debug logs path>
5	flyway.domain.placeholders.user.mapping.required	<User mapping required>
6	feed.recordLevelApprovalReqd	<true or false>
7	conductor.properties	Path to /config.properties
8	flyway.domain.placeholders.INTEGRATION.ENABLED	true or false
9	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>
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

Table A-3   (Cont.) domain-config-deploy.env - Property Values (Appropriate Values)

Serial Number	PROPERTY	VALUE
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 the complete properties of domain-config-deploy.env file, refer to the folder `/pre_deployment_setup` under OSDC zip.

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

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