

Security Management System Services Installation Guide
Oracle Banking Liquidity Management
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Table of Contents

| | |
|--|------------|
| 1. PREFACE | 1-1 |
| 1.1 INTRODUCTION | 1-1 |
| 1.2 AUDIENCE | 1-1 |
| 1.3 DOCUMENTATION ACCESSIBILITY | 1-1 |
| 1.4 ORGANIZATION | 1-1 |
| 1.5 RELATED DOCUMENTS | 1-1 |
| 2. DATABASE SETUP..... | 2-2 |
| 2.1 INTRODUCTION | 2-2 |
| 2.2 PREREQUISITE | 2-2 |
| 2.3 DATABASE SETUP..... | 2-2 |
| DDL:..... | 2-2 |
| 3. DOMAIN & CLUSTER CONFIGURATION | 3-3 |
| 3.1 SMS DOMAIN CONFIGURATION | 3-3 |
| 3.1.1 Prerequisite..... | 3-3 |
| 3.1.2 Domain Creation and Configuration..... | 3-3 |
| 4. DATA SOURCES CREATION..... | 4-4 |
| 4.1 PREREQUISITE | 4-4 |
| 4.2 DATA SOURCES LIST..... | 4-4 |
| 5. DEPLOYMENTS | 5-5 |
| 5.1 PREREQUISITE | 5-5 |
| 5.2 DEPLOYMENT LIST | 5-5 |
| 5.3 STEPS TO DEPLOY AS APPLICATION..... | 5-5 |
| 6. RESTARTS AND REFRESH..... | 6-6 |
| 6.1 RESTARTING SERVERS..... | 6-6 |
| 7. LOGGING AREA | 7-7 |
| 7.1 INTRODUCTION..... | 7-7 |

1.1 Introduction

This guide would help you to install the SMS Core services on designated environment. It is assumed that all the prior setup is already done related with WebLogic 12c installation, WebLogic managed server creation and Oracle DB installation.

It is recommended to use dedicated managed server for SMS Core services.

1.2 Audience

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

1.3 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>

1.4 Organization

This installation user guide would allow you to install following services in same order.

- Security Management System Core Service

1.5 Related Documents

- Common Core Services Installation Guide
- Day 0 Setup Guide
- LDAP Setup Guide
- Oracle Banking Liquidity Management Annexure
- Oracle Banking Liquidity Management Pre-Installation Guide
- Oracle Banking Liquidity Management Services Installation Guide
- Oracle Banking Liquidity Management User Interface Installation Guide
- Plato Infrastructure Services Installation Guide
- SSL Setup Guide

2. Database Setup

2.1 Introduction

In this section you are going to setup database related configuration for SMS Installation. It is recommended to create separate schema for SMS database setup.

2.2 Prerequisite

- SMS schema is created and all the required grants are given.

Note: To know server's port no refer ANNEXURE-1. "How to check port no" section.

2.3 Database Setup

There are two alternate ways to create the database setup, viz.

1. Collect scripts from both the path mentioned in From-Path section in the table and compile into respective schemas.
2. Run the **sms_db_setup.plb** file from the OSDC package.

[Note: To Compile DDL, SEQ or INC please refer- ANNEXURE-1.docx "How to compile DDL, SEQ and INC Section". To execute sms_db_setup.plb please refer ANNEXURE-1.docx "How to execute PLB file."]

DDL:

| Service Name | From-Path | Compile To |
|------------------|---------------------------------------|------------|
| sms-core-service | \\COMMON_INFRA\DB\DDL | SMS schema |
| | \\SMS\sms-core-services\DB\DOMAIN\DDL | SMS schema |

INC:

| Service Name | From-Path | Compile To |
|------------------|---------------------------------------|--------------|
| sms-core-service | \\COMMON_INFRA\DB\INC | SMS schema |
| | \\SMS\sms-core-services\DB\DOMAIN\INC | SMS schema |
| | \\SMS\sms-core-services\DB\PLATO\INC | PLATO Schema |

3. Domain & Cluster Configuration

3.1 SMS Domain Configuration

3.1.1 Prerequisite

- Database setup for all the modules viz. Plato, SMS, Common Core, OBLM Services and all Day-0 setups must be completed. **(Required)**
- Machine should have Java JDK1.8.0_181 has installed.
- Oracle Fusion Middleware 12cR2 12.2.1.3 has to be installed on the machine.

3.1.2 Domain Creation and Configuration

It is recommended to create the domain structure as given below and also to maintain the same nomenclature. For Creating Domain and Configuration please refer to ANNEXURE-1 “**How to create Domain and Cluster Configuration**”.

Domain name: sms

- ❖ sms_core_cluster
 - managed_server1

4. Data Sources Creation

4.1 Prerequisite

- Database schema for SMS is created and all the required grants are given.
- SMS domain and clusters are created.

4.2 Data sources List

The table below lists the data sources to be created on each managed server prior to deployment of applications onto managed servers.

| Data Source Name | Data Source JNDI | Target |
|------------------|------------------|-----------------|
| PLATO | jdbc/PLATO | managed_server1 |
| jdbc/sms | jdbc/sms | |

For creating data source in please refer ANNEXURE-1 “**How to create Data sources section**”.

5. Deployments

5.1 Prerequisite

Before you proceed with below, please make sure previous steps are completed.

5.2 Deployment List

Below table give details of the deployments required on each Server for the sms application to run. Deploy one after other in the same given order.

| Application | Archive Name | OSDC Path | Target |
|-------------------|-----------------------------|-------------------------------------|-----------------|
| sms-core-services | sms-core-services-1.0.4.war | \\SMS\sms-core-services\APP\ARCHIVE | managed_server1 |

5.3 Steps to Deploy as Application

To deploy application please refer ANNEXURE-1. “**How to deploy section**”.

6. Restarts and Refresh

Once everything is deployed, the managed servers. And for each application call path “/refresh” for refreshing the configuration properties.

6.1 Restarting Servers

To restart the server please refer to ANNEXURE-1.”**How to restart**” section.

7. Logging Area

7.1 Introduction

This part of the document will talk about the logs area where after deployment of SMS Applications in WebLogic server.

Logging Area

SMS Application writes logs in the below area of the server-
<WEBLOGIC_DOMAIN_CONFIG_AREA/servers/SMSAPP/logs/SMSA
PP.out

Let's assume a domain has been created **sms_domain** with **managed_server** name called **SMSAPP** in the following area of the server
/scratch/oracle/middleware/user_projects/domains/**sms_domain**". Logging area for SMS would be
/scratch/oracle/middleware/user_projects/domains/**sms_domain**/servers/SMSAPP/logs/**SM
SAPP.out**.



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Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
www.oracle.com/financialservices/

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