Security Management System Services Installation Guide
Oracle Banking Electronic Data Exchange for Corporates
Release 14.7.0.0.0

Part No. F73521-01

November 2022

ORACLE®

Security Management System Services Installation Guide

November 2022

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/

Table of Contents

1. Preface

1.1 Introduction

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

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

Note: For the exact version to be installed, refer to **Software Prerequisites** section in **License Guide**.

1.2 Audience

This document 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

SMS Core Service.

1.5 Related Documents

- Configuration and Deployment Guide

ORACLE®

2. Database Setup

2.1 <u>Introduction</u>

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 <u>Prerequisite</u>

Before you proceed with below setup, ensure schemas has been created.

In this section, you are going to setup database related configuration for SMS. Before you proceed, ensure the pre-installation setup is done. The pre-installation setup includes the configuration of database. After creating the schema for each of the required micro services, DDLs and INCs of each micro-service to be compiled in the respective schemas. The DDLs and INCs ensure the creation of tables and availability of static data required for the execution of services. These are compiled automatically using flyway.

2.3 <u>Database Setup</u>

To setup DB for SMS below step need to be followed:

Service Name	Schema Required
SMS-CORE-SERVICE	Yes

ORACLE®

3. Domain and Cluster Configuration

3.1 SMS Domain Configuration

3.1.1 Prerequisites

1. Machine should have Java JDK has installed.
2. Oracle Fusion Middleware has to be installed on the machine.
   NOTE: Before proceeding with below steps complete Oracle Banking Microservices Services installation guided.
3. Steps for creating domain, properties like port numbers, names will be changing based on the domain. Screenshots provided for such deviations. Domain creation process remains the same.
   NOTE: For the exact version to be installed, refer to **Software Prerequisites** section in **License Guide**.

3.1.2 Steps to Create Domain

It is recommended to have different managed server in one domain for SMS application. For Creating Domain and Configuration, refer to **How to create and Cluster Configuration** section in Configuration and Deployment Guide.

ORACLE®

4. Data Sources Creation

4.1 Prerequisite

Before you proceed with below setup, ensure the domain and server are created.

4.2 Data sources List

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

Data source Name	Data source JNDI	Targets
PLATO	jdbc/PLATO	SMS Managed Server, API Gateway Server
SMS	According to the JNDI created for each entity. For DEFAULTENTITY the JNDI should be jdbc/SMS	
PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	

For creating data source, refer to **How to create Data sources** section in Configuration and Deployment Guide.

ORACLE®

5. Deployments

5.1 Prerequisite

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

5.2 Deployments List

Below table give details of the deployments required on each domain for the SMS application to run. Refer to the exact version of archive names available as a part of release.

Application	Archive name	OSDC path
SMS-CORE-SERVICES	sms-core-services-{version}.war	**{Unzip the OSDC file}** SMS\

5.3 Steps to Deploy as Application

To deploy application, refer to **How to deploy** section in Configuration and Deployment Guide.

ORACLE

6. Restarts and Refresh

Once everything is deployed, restart all the managed servers. For each application, call path "/refresh" for refreshing the configuration properties.

6.1   Restarting Servers

To restart the server, refer to **How to restart** section in Configuration and Deployment Guide.

ORACLE®

7. Logging Area

7.1 <u>Introduction</u>

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

7.1.1 <u>Logging Area</u>

SMS Application writes logs in the below area of the server-

<WEBLOGIC_DOMAIN_CONFIG_AREA/servers/SMSAPP/logs/SMSAPP.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/SMSAPP.out.**

ORACLE®