

Oracle Banking Supply Chain Finance

**Security Management System Services Installation
Guide**

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Security Management System Services Installation Guide

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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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1. Preface

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

- Oracle Banking Common Core Services Installation Guide
- Oracle Banking Day 0 Setup Guide
- Oracle Banking LDAP Setup Guide
- Oracle Banking Supply Chain Finance Annexure
- Oracle Banking Supply Chain Finance Pre-Installation Guide
- Oracle Banking Supply Chain Finance Services Installation Guide
- Oracle Banking Supply Chain Finance User Interface Installation Guide
- Oracle Banking Plato Infrastructure Services Installation Guide
- Oracle Banking 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.

DDL:

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

INC:

Service Name	From-Path	Compile To
sms-core-services	\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, OBSCF Services and all Day-0 setups must be completed. (Required)
- Machine should have Java JDK 1.8 Update 202 has installed.
- Oracle Fusion Middleware Infrastructure 12.2.1.3.0 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
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	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.