Security Management System (SMS) Services Installation Guide
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Security Management System (SMS) Services Installation Guide

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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 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
- Security Management System Core Service

1.5   Related Documents

- Common Core Services Installation Guide
- Day 0 Setup Guide
- LDAP Setup Guide
- Oracle Banking Trade Finance Process Management Annexure
- Oracle Banking Trade Finance Process Pre-Installation Guide
- Oracle Banking Trade Finance Process Management Services Installation Guide
- Oracle Banking Trade Finance Process Management User Interface Installation Guide
- Process Flow Services Installation Guide
- Plato Infrastructure Services Installation Guide
- Security Management System Services Installation Guide
- SSL Setup Guide

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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 Pre-requisite

Before you proceed with below setup ensure schema has been created.

2.3 Database Setup

To setup DB for SMS below step need to be followed-
Steps to Compile DDL's:
Collect DDL's from both the path mentioned in From-Path section in the table and compile into respective SMS schema.

Service Name	From-Path	Compile To
SMS-core-service	CommonInfra\Database\DDL	SMS schema
	SMS\Database\DDL	SMS schema

INC's:
Collect INC''s from both the path mentioned in From-Path section in the table and compile into respective SMS schema.

Service Name	From-Path	Compile To
SMS-core-service	CommonInfra\Database\INC	SMS Schema
	SMS\Database\INC	SMS Schema

[Note: To Compile DDL or INC please refer- ANNEXURE-1.docx "How to compile DDL and INC Section"]

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3. Domain and Cluster Configuration

3.1 SMS Domain Configuration

3.1.1 Prerequisites

- Machine should have Java JDK1.8.0_171 has installed.
- Oracle Fusion Middleware 12cR2 12.2.1.3 has to be installed on the machine.

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 please refer to ANNEXURE-1 "**How to create and Cluster Configuration".**

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4. Data Sources Creation

4.1 <u>Prerequisite</u>

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

4.2 <u>Data sources List</u>

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 Server
SMS	jdbc/SMS	

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

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5. Deployments

5.1 Pre-requisite

Before you proceed with below, please make sure 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.

Application	Archive name	OSDC path
sms-core-services	sms-core-services-1.0.0.war	{**unzip the file**} SMS\App

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, restart all the managed servers. And for each application call path "/refresh" for refreshing the configuration properties.

6.1 <u>Restarting Servers</u>

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

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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.

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