

Oracle Banking Trade Finance Mid office Common Core Services
Installation Guide
Release 14.1.0.0.0
Part No. E97615-01
July 2018



Oracle Banking Trade Finance Mid office Common core Services Installation Guide

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1.1 Introduction

This guide would help you to configure Trade Mid office common core related services on designated environment. It is assumed that all the prior setup is already done related with WebLogic 12c installation; WebLogic managed server creation, RCU creation for BPM Suite, BPM Suite installation and Oracle DB installation. It is recommended to use dedicated managed server for each of the Plato infrastructure 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:

- CMC-APPLICATIONCATEGORY-SERVICES Services
- CMC-CHECKLIST-SERVICES Services
- CMC-CHECKLISTMANAGEMENT-SERVICES Services
- CMC-COMMENTS-SERVICES Services
- CMC-DOCUMENT-SERVICES Services
- CMC-DOCUMENTMANAGEMENT-SERVICES Services
- CMC-EARMARK-SERVICES Services
- CMC-KYCCHECK-SERVICES Services
- CMC-SEQUENCEGENERATOR-SERVICES Services

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

2. Database Setup

2.1 Introduction

In this section you are going to setup database related configuration for Trade Services Installation.

2.2 Pre-requisite

Below setup is dependent on Common Core Schema and SMS schema. So, before you proceed with below setup ensure Common Core Schema and SMS Schema is provided to you.

S.No	Module	Schema Details
1	MID Office Common Core	MOCCORE

2.3 Database Setup

To setup DB for Common Core below step need to be followed:

DDL's:

Collect DDL's mentioned in the **From-Path** section of the below table and compile into respective schema.

Service Name	From-Path	Compile To
cmc-applicationcategory-services	MidofficeCore\cmc-applicationcategory-services\Database\DDL	Mid office Common core
cmc-checklist-services	MidofficeCore\cmc-checklist-services\Database\DDL	Mid office Common core
cmc-checklistmanagement-services	MidofficeCore\cmc-checklistmanagement-services\Database\DDL	Mid office Common core
cmc-comments-services	MidofficeCore\cmc-comments-services\Database\DDL	Mid office Common core
cmc-document-services	MidofficeCore\cmc-document-services\Database\DDL	Mid office Common core
cmc-documentmanagement-services	MidofficeCore\cmc-documentmanagement-services\Database\DDL	Mid office Common core
cmc-sequencegenerator-services	MidofficeCore\cmc-sequencegenerator-services\Database\DDL	Mid office Common core

INC's:

Collect INC's mentioned in the **From-Path** section of the below table and compile into respective schema.

cmc-applicationcategory-services	MidofficeCore\cmc-applicationcategory-services\Database\SMS	SMS Schema
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cmc-checklist-services	MidofficeCore\cmc-checklist-services\Database\SMS\INC	SMS Schema
cmc-checklistmanagement-services	MidofficeCore\cmc-checklistmanagement-services\Database\SMS	SMS Schema
cmc-comments-services	MidofficeCore\cmc-comments-services\Database\SMS\INC	SMS Schema
	MidofficeCore\cmc-dashboard\Database\SMS	SMS Schema
cmc-document-services	MidofficeCore\cmc-document-services\Database\SMS\INC	SMS Schema
cmc-documentmanagement-services	MidofficeCore\cmc-documentmanagement-services\Database\SMS	SMS Schema
cmc-earmark-services	MidofficeCore\cmc-earmark-services\Database\SMS	SMS Schema
cmc-kyccheck-services	MidofficeCore\cmc-kyccheck-services\Database\SMS	SMS Schema
cmc-sequencegenerator-services	MidofficeCore\cmc-sequencegenerator-services\Database\INC	Mid office Common core
	MidofficeCore\cmc-sequencegenerator-services\Database\SMS	SMS Schema

SEQs:

Collect SEQ's mentioned in the **From-Path** section of the below table and compile into respective schema.

cmc-document-services	MidofficeCore\cmc-document-services\Database\SEQUENCE	Mid office Common core
cmc-sequencegenerator-services	MidofficeCore\cmc-sequencegenerator-services\Database\SEQUENCE	Mid office Common core

3. Domain and Cluster Configuration

3.1 Common Core 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 each application. For Creating Domain and Configuration please refer to ANNEXURE-1 “**How to create and Cluster Configuration**”.

4. Data Sources Creation

4.1 Prerequisite

Database and application setup for PLATO has to be performed prior to deployment setup.

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.

S.No	APP_ID	APP_NAME	DS_NAME	JNDI_NAME
1	SECSRV001	PLATO Security Configurations	PLATO	jdbc/PLATO
2	CMNCORE	CMNCORE	CMNCORE	jdbc/CMNCORE

Steps to create data source in WebLogic is same for all the above except for the connection details and names. Check the below screenshots to understand data source creation. (for all the App id should be SINGE_CONTENT)

4.3 Creating Data Source

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

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 Trade application to run. Deploy one after other in the same given order.

S.No	Application	Archive name	OSDC Path	Targets
1	cmc-applicationcategory-services	cmc-applicationcategory-services-1.0.0.war	MidofficeCore\cmc-applicationcategory-services\App	Mid office Common core
2	cmc-checklist-services	cmc-checklist-services-1.0.0.war	MidofficeCore\cmc-checklist-services\App	Mid office Common core
3	cmc-checklistmanagement-services	cmc-checklistmanagement-services-1.0.0.war	MidofficeCore\cmc-checklistmanagement-services\App	Mid office Common core
4	cmc-comments-services	cmc-comments-services-1.0.0.war	MidofficeCore\cmc-comments-services\App	Mid office Common core
5	cmc-document-services	cmc-document-services-1.0.0.war	MidofficeCore\cmc-document-services\App	Mid office Common core
6	cmc-documentmanagement-services	cmc-documentmanagement-services-1.0.0.war	MidofficeCore\cmc-documentmanagement-services\App	Mid office Common core
7	cmc-earmark-services	cmc-earmark-services-1.0.0.war	MidofficeCore\cmc-earmark-services\App	Mid office Common core
8	cmc-kyccheck-services	cmc-kyccheck-services-1.0.0.war	MidofficeCore\cmc-kyccheck-services\App	Mid office Common core
9	cmc-sequencegenerator-services	cmc-sequencegenerator-services-1.0.0.war	MidofficeCore\cmc-sequencegenerator-services\App	Mid office Common core

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 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 Common Core Applications in WebLogic server.

7.1.1 Logging Area

Mid Office Core Application writes logs in the below area of the server-
<WEBLOGIC_DOMAIN_CONFIG_AREA>/logs/<<micro-service-name>>.log
Let's assume a domain has been created MOCCORE with managed_server name called MOCCORE in the following area of the server

/scratch/oracle/middleware/user_projects/domains/MOCCORE. Logging area for Mid Office Core Application would be /scratch/oracle/middleware/user_projects/domains/MOCCORE /logs/<<micro-service-name>>.log