Oracle Banking Common Core Service
Installation Guide
Release 14.3.0.0.1
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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
https://www.oracle.com/industries/financial-services/index.html

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1. Preface

This guide would help you to install the Plato infrastructure 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 each of the Plato infrastructure services.

1.1 Audience

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

1.2 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.

1.3 Organization

This installation guide allows you to install following services in same order:

- CMC-ACCOUNT-SERVICE
- CMC-BRANCH-SERVICE
- CMC-CUSTOMER-SERVICE
- CMC-CURRENCY-SERVICE
- CMC-EXTERNAL-VIRTUAL-ACCOUNT-SERVICES
- CMC-COREBANKING-ADAPTER-SERVICE
- CMC-RESOURCE-SEGMENT-ORCHESTRATOR-SERVICE
- CMC-TRANSACTIONCONTROLLER-SERVICES

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2. Database Setup

In this section, you will setup database related configuration for Common Core Installation.

2.1 Pre-requisite

Below setup is dependent on Common Core Schema and SMS schema. Before you proceed with the setup ensure Common Core Schema and SMS Schema is provided.

2.2 Database Setup

No DDLs to be compiled in common Core schema as part of this PatchSet.

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

Service Name	From-Path	Compile To
Common Infra	COMMON_INFRA\INCREMENTAL_DB1\DOMAIN\INC	Common Core Schema
CMC-ACCOUNT-SERVICE	COMMON_CORE\cmc-account-services\INCREMENTAL_DB1\SMS\INC COMMON_CORE\cmc-account-services\INCREMENTAL_DB2\SMS\INC	SMS Schema
CMC-BRANCH-SERVICES	COMMON_CORE\cmc-branch-services\INCREMENTAL_DB1\DOMAIN\INC	Common Core Schema
CMC-CURRENCY-SERVICE	COMMON_CORE\cmc-currency-services\INCREMENTAL_DB1\DOMAIN\INC	Common Core Schema
cmc-transactioncontroller-services	COMMON_CORE\cmc-transactioncontroller-services\INCREMENTAL_DB1\SMS\INC	SMS Schema

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3. 1. Domain and Cluster Configuration

3.1 Common Core Domain Configuration

3.1.1 Prerequisites

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

3.1.2 Creating Domain

It is recommended to have different managed server in one domain for each application. For Creating Domain and Configuration refer to Oracle Banking Virtual Account Management Annexure "**How to create and Cluster Configuration"**.

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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.

Data Source Name	Data Source JNDI	Targets
PLATO	jdbc/PLATO	Common Core Server
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.

4.3 Creating Data Source

For creating data source in refer Oracle Banking Virtual Account Management Annexure "**How to create Data sources section".**

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5. Deployments

5.1 Prerequisite

Before you proceed with below, ensure previous steps are completed.

5.2 Deployments List

The table provides of the deployments required on each domain for the Common Core application to run. For the application mentioned, delete the existing archine name and deploy the ones from the path mentioned below one after other in the same given order:

Application	Archive name	OSDC path	Targets
cmc-account-services	cmc-account-services-1.0.4.war	COMMON_CORE\cmc-account-services\APP	Common Core Server
cmc-branch-services	cmc-branch-services-1.0.3.war	COMMON_CORE\cmc-branch-services\APP	Common Core Server
cmc-currency-services	cmc-currency-services-1.0.4.war	COMMON_CORE\cmc-currency-services\APP	Common Core Server
cmc-customer-services	cmc-customer-services-1.0.4.war	COMMON_CORE\cmc-customer-services\APP	Common Core Server
cmc-external-virtual-account-services	cmc-external-virtual-account-services-1.0.2.war	COMMON_CORE\cmc-external-virtual-account-services\APP	Common Core Server
cmc-corebanking-adapter-service	cmc-corebanking-adapter-service-1.0.2.war	COMMON_CORE\cmc-corebanking-adapter-service\APP	Common Core Server
cmc-resource-segment-orchestrator-service	cmc-resource-segment-orchestrator-service-1.0.1.war	COMMON_CORE\cmc-resource-segment-orchestrator-service\APP	Common Core Server

5.3 Deploying as an Application

To deploy application refer Oracle Banking Virtual Account Management Annexure "**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 refer to Oracle Banking Virtual Account Management Annexure "**How to restart**" section.

7. Logging Area

7.1 <u>Introduction</u>

This part of the document will talk about the logging area of Common Core Applications in server.

7.1.1 <u>Logging Area</u>

Logging area is configurable, you can configure any path within the server, where you want Common Core applications to write logs. Common Core applications will wright logs in the configured path with below name:

<Application name>.logs

Example, if application name is **cmc-account-services**, then logs file name would be cmc-account-services.logs

To configure logging path, refer Oracle Banking Virtual Account Management Annexure Post Domain Creation Section.

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