Oracle® Banking Enterprise Limits and Collateral Management
Installation Guide

Release 14.8.1.0.0

ORACLE®

Oracle Banking Enterprise Limits and Collateral Management Installation Guide, Release 14.8.1.0.0

G44208-01

Contents

9   Logging Area

Index

1

Preface

- [Purpose](#)
- [Audience](#)
- [Critical Patches](#)
- [Conventions](#)
- [Diversity and Inclusion](#)
- [Documentation Accessibility](#)
- [Related Documents](#)
- [Screenshot Disclaimer](#)

1.1 Purpose

This guide helps to assist the user in quickly understanding the process of maintaining Customer Standard Instructions.

1.2 Audience

Intended audience of the Enterprise Limits Management User Guide.

Table 1-1   Intended Audience

Role	Function
Back office data entry clerk	Input functions for funds.
Back office managers/officers	Authorization functions.
Product Managers	Product definition and authorization.
End of day operators	Processing during end of day / beginning of day.

1.3 Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to make sure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

1.4 Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1.5 Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

1.6 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.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

1.7 Related Documents

For more information refer to the Oracle Banking Enterprise Limits and Collaterals User Manuals on:

- User Defined Fields User Guide
- Enterprise Collaterals User Guide
- Enterprise Limits and Collaterals Common User Guide

1.8 Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

2

Overview

This topic describes about the overeiw to install theservices.

This installation guide allows users to install the below mentioned Oracle Banking Enterprise Limits and Collateral Management services and UI in the same order. Also Oracle Banking Enterprise Limits and Collateral Management services require the list of Common Core services below.

Common Core Services:

1. cmc-account-services
2. cmc-additional-attributes-services
3. cmc-advice-services
4. cmc-base-services
5. cmc-batch-services
6. cmc-branch-services
7. cmc-businessoverrides-services
8. cmc-checklist-services
9. cmc-checklistmanagement-services
10. cmc-comments-services
11. cmc-currency-services
12. cmc-customer-services
13. cmc-datasegment-services
14. cmc-document-services
15. cmc-documentmanagement-services
16. cmc-external-chart-account
17. cmc-external-system-services
18. cmc-mis-services
19. cmc-ml-indb-services
20. cmc-obcbs-services
21. cmc-obrh-kafka-consumer
22. cmc-obrh-service
23. cmc-opds-services
24. cmc-priority-services
25. cmc-processcode-service
26. cmc-report-services
27. cmc-resource-segment-orchestrator-service

28. cmc-resourceclass-services

29. cmc-screenclass-services

30. cmc-sequencegenerator-services

31. cmc-settlements-services

32. cmc-sla-services

33. cmc-transactioncontroller-services

34. cmc-txn-code-services

35. cmc-limits-collaterals-services

Oracle Banking Enterprise Limits and Collaterals Services:

1. obelcm-common-maintenance-services

2. obelcm-limits-maintenance-services

3. obelcm-collateral-maintenance-services

4. obelcm-exposure-maintenance-services

5. covenat-service

6. terms-conditions-services

7. obelcm-limits-utilization-services

8. obelcm-collaterals-utilization-services

9. obelcm-pp-limits-kafka-consumer-services

10. obelcm-pp-limits-currency-reval-services

11. obelcm-pp-facility-transfer-batch-services

12. obelcm-pp-facility-earmarking-batch-services

13. obelcm-pp-exposure-block-batch-services

14. obelcm-pp-facility-nonrev-closure-batch-services

15. obelcm-pp-facility-untanking-batch-services

16. obelcm-facility-stats-master-batch-services

17. obelcm-pp-liab-tanking-untanking-batch-services

18. obelcm-pp-facility-expiry-batch-services

19. obelcm-facility-fee-batch-services

20. obelcm-pp-facility-activation-batch-services

21. obelcm-pp-facility-schedules-batch-services

22. obelcm-pp-facility-gebsuval-batch-services

23. obelcm-pp-coll-activation-batch-services

24. obelcm-pp-coll-perfection-status-batch-services

25. obelcm-pp-coll-pool-util-reval-batch-services

26. obelcm-pp-coll-tanking-untanking-batch-services

27. obelcm-pp-collateral-batch-services

28. obelcm-pp-collateral-charge-expiry-batch-services

29. obelcm-pp-collateral-child-reval-batch-services

30. obelcm-pp-collateral-eca-accounting-batch-services

31. obelcm-pp-collateral-enddate-reval-batch-services

32. obelcm-pp-collateral-expiry-batch-services

33. obelcm-pp-collateral-facility-master-batch-service

34. obelcm-pp-collateral-fee-batch-services

35. obelcm-pp-collateral-haircut-batch-services

36. obelcm-pp-collateral-pool-reval-batch-services

37. obelcm-pp-collateral-reval-batch-services

38. obelcm-pp-collateral-util-reval-batch-services

39. obelcm-pp-colpool-tanking-untanking-batch-services

40. obelcm-pp-common-notification-batch-services

41. obelcm-pp-common-ofsaa-batch-services

User Interface: UI war is split into individual component server war files. All the component server war files should be deployed in the same managed server.

For Common Core war files, deploy the war files mentioned below:

1. app-shell

2. cmc-component-server

3. moc-component-server

4. sms-component-server

For Domain Specific war files, deploy the individual component server war files mentioned below:

1. obelcm-component-server

2. obcc-component-server

3

Setup Database

This topic provides detailed information about database related configuration for Oracle Banking Enterprise Limits and Collateral Management Installation.

It is recommended to create different schema for each application.

The prerequisites for setting up the database are as follows:

1. Complete the pre-installation setup. The pre-installation setup includes configuring the database and setting up the setUserOverrides.sh file.

2. After creating the schema for each of the required micro services, we compile DDLs and INCs of each micro-service in the respective schemas. The DDLs and INCs ensure that the creation of tables and availability of static data required for the execution of services. Flyway compiles these automatically.

To set up a database for the creation of Oracle Banking Enterprise Limits and Collateral M/kjanagement schema:

Table 3-1   Database Setup

Service Name	Schema Required
obelcm-common-maintenance-services	Yes (OBELCM_COMMON schema)
obelcm-limits-maintenance-services	Yes (OBELCM_LIMITS schema)
obelcm-collateral-maintenance-services	Yes (OBELCM_COLLATERALS schema)
obelcm-exposure-maintenance-services	Yes (OBELCM_EXPOSURES schema)
obcc-core-services	Yes (OBCCCORE schema)
covenant-services	Yes (OBCC_COVENANTS schema)
terms-conditions-services	Yes (OBCC_TERMSCONDITIONS schema)
obelcm-limits-utilization-services	Yes (OBELCM_LIMITS schema)
obelcm-collaterals-utilization-services	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-limits-kafka-consumer-services	Yes (OBELCM_LIMITS schema)
obelcm-pp-limits-currency-reval-services	Yes (OBELCM_LIMITS schema)
obelcm-pp-facility-transfer-batch-services	Yes (OBELCM_LIMITS schema)
obelcm-pp-facility-earmarking-batch-services	Yes (OBELCM_LIMITS schema)
obelcm-pp-exposure-block-batch-services	Yes (OBELCM_EXPOSURES schema)
obelcm-pp-facility-nonrev-closure-batch-services	Yes (OBELCM_LIMITS schema)
obelcm-pp-facility-untanking-batch-services	Yes (OBELCM_LIMITS schema)
obelcm-facility-stats-master-batch-services	Yes (OBELCM_LIMITS schema)
obelcm-pp-liab-tanking-untanking-batch-services	Yes (OBELCM_LIMITS schema)
obelcm-pp-facility-expiry-batch-services	Yes (OBELCM_LIMITS schema)
obelcm-facility-fee-batch-services	Yes (OBELCM_LIMITS schema)
obelcm-pp-facility-activation-batch-services	Yes (OBELCM_LIMITS schema)
obelcm-pp-facility-schedules-batch-services	Yes (OBELCM_LIMITS schema)
obelcm-pp-facility-gebsuval-batch-services	Yes (OBELCM_LIMITS schema)
obelcm-pp-coll-activation-batch-services	Yes (OBELCM_COLLATERALS schema)

Table 3-1   (Cont.) Database Setup

Service Name	Schema Required
obelcm-pp-coll-perfection-status-batch-services	Yes (OBELCM_COLLATERALS schema)
Yes (OBELCM_COLLATERALS schema)	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-coll-tanking-untanking-batch-services	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-collateral-batch-services	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-collateral-charge-expiry-batch-services	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-collateral-child-reval-batch-services	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-collateral-eca-accounting-batch-services	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-collateral-enddate-reval-batch-services	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-collateral-expiry-batch-services	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-collateral-facility-master-batch-service	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-collateral-fee-batch-services	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-collateral-haircut-batch-services	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-collateral-pool-reval-batch-services	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-collateral-reval-batch-services	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-collateral-util-reval-batch-services	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-colpool-tanking-untanking-batch-services	Yes (OBELCM_COLLATERALS schema)
obelcm-pp-common-notification-batch-services	Yes (OBELCM_COMMON schema)
obelcm-pp-common-ofsaa-batch-services	Yes (OBELCM_COMMON schema)

4

Configure Oracle Banking Enterprise Limits and Collateral Management Domain

This topic provides information of the domain configuration setup for Oracle Banking Enterprise Limits and Collateral Management application

The prerequisites are as follows:

1. User should install Java JDK on the machine.

2. Install Oracle Fusion Middleware on the machine.

> ⓘ **Note**
>
> Before proceeding with the following steps, complete the Oracle Banking Microservices Architecture installation as guided.

3. Steps for creating all Oracle Banking Enterprise Limits and Collateral Management domains, properties like port numbers, names are changes based on the domain. Screenshots are provided for such deviations. Domain creation process remains the same. It is recommended to have separate domain for Oracle Banking Enterprise Limits and Collateral Management application.

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

4. Set up and configure these services for the Oracle Banking Enterprise Limits and Collateral Management domain.

> ⓘ **Note**
>
> For more information on creating and configuring the domain, refer the **Domain Creation and Cluster Configuration** topic in the Configuration and Deployment Guide.

Table 4-1   Domain Creation List

Service Name	Domain Name
obelcm-common-maintenance-services	OBELCM Domain
obelcm-limits-maintenance-services	OBELCM Domain
obelcm-collateral-maintenance-services	OBELCM Domain
obelcm-exposure-maintenance-services	OBELCM Domain
obcc-core-services	OBELCM Domain
covenant-services	OBELCM Domain
terms-conditions-services	OBELCM Domain
obelcm-limits-utilization-services	OBELCM Domain
obelcm-collaterals-utilization-services	OBELCM Domain
obelcm-pp-limits-kafka-consumer-services	OBELCM Domain
obelcm-pp-limits-currency-reval-services	OBELCM Domain
obelcm-pp-facility-transfer-batch-services	OBELCM Domain
obelcm-pp-facility-earmarking-batch-services	OBELCM Domain
obelcm-pp-exposure-block-batch-services	OBELCM Domain
obelcm-pp-facility-nonrev-closure-batch-services	OBELCM Domain
obelcm-pp-facility-untanking-batch-services	OBELCM Domain
obelcm-facility-stats-master-batch-services	OBELCM Domain
obelcm-pp-liab-tanking-untanking-batch-services	OBELCM Domain
obelcm-pp-facility-expiry-batch-services	OBELCM Domain
obelcm-facility-fee-batch-services	OBELCM Domain
obelcm-pp-facility-activation-batch-services	OBELCM Domain
obelcm-pp-facility-schedules-batch-services	OBELCM Domain
obelcm-pp-facility-gebsuval-batch-services	OBELCM Domain
obelcm-pp-coll-activation-batch-services	OBELCM Domain
obelcm-pp-coll-perfection-status-batch-services	OBELCM Domain
obelcm-pp-coll-pool-util-reval-batch-services	OBELCM Domain
obelcm-pp-coll-tanking-untanking-batch-services	OBELCM Domain
obelcm-pp-collateral-batch-services	OBELCM Domain
obelcm-pp-collateral-charge-expiry-batch-services	OBELCM Domain
obelcm-pp-collateral-child-reval-batch-services	OBELCM Domain

Table 4-1   (Cont.) Domain Creation List

Service Name	Domain Name
obelcm-pp-collateral-eca-accounting-batch-services	OBELCM Domain
obelcm-pp-collateral-enddate-reval-batch-services	OBELCM Domain
obelcm-pp-collateral-expiry-batch-services	OBELCM Domain
obelcm-pp-collateral-facility-master-batch-service	OBELCM Domain
obelcm-pp-collateral-fee-batch-services	OBELCM Domain
obelcm-pp-collateral-haircut-batch-services	OBELCM Domain
obelcm-pp-collateral-pool-reval-batch-services	OBELCM Domain
obelcm-pp-collateral-reval-batch-services	OBELCM Domain
obelcm-pp-collateral-util-reval-batch-services	OBELCM Domain
obelcm-pp-colpool-tanking-untanking-batch-services	OBELCM Domain
obelcm-pp-common-notification-batch-services	OBELCM Domain
obelcm-pp-common-ofsaa-batch-services	OBELCM Domain
app-shell	OBELCM Domain
cmc-component-server	OBELCM Domain
moc-component-server	OBELCM Domain
sms-component-server	OBELCM Domain
obelcm-component-server	OBELCM Domain
obcc-component-server	OBELCM Domain

5

Data Source Creation

This topic provides systematic instruction to create the data source for Oracle Banking Enterprise Limits and Collateral Management installation.

Prerequisite

- Make sure that database setup for Oracle Banking Enterprise Limits and Collateral Management is completed before deployment setup.

- The data sources for each micro service need to be set up before deploying the application. Each data source connects to its specific server where the application will be deployed.

The following diagram represents the process of creating data sources.:

Figure 5-1   Data Source Creation
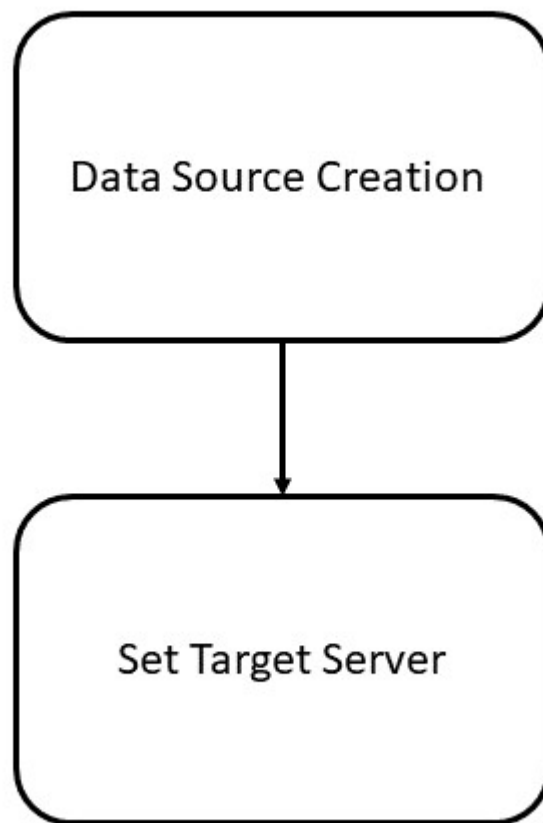
1. Create the data sources on each domain.

> ### ⓘ Note
>
> For more information on data source creation, refer to the Datasource Creation
> topic in the Configuration and Deployment Guide.

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

Table 5-1   Data Source List

Service Name	Data Source Name	Data Source JNDI	Target
obelcm-common-maintenance-services	OBELCM_COMMON	jdbc/OBELCM_COMMON	Maintenances Server (managed server1)
obelcm-limits-maintenance-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Maintenances Server (managed server1)
obelcm-collateral-maintenance-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Maintenances Server (managed server1)
Maintenances Server (managed server1)	OBELCM_EXPOSURES	jdbc/OBELCM_EXPOSURES	Maintenances Server (managed server1)
obcc-core-services	OBCCCORE	jdbc/OBCCCORE	Maintenances Server (managed server1)
covenant-services	OBCC_COVENANT	jdbc/CAMCOVNT	Maintenances Server (managed server1)
terms-conditions-services	OBCC_TERMSCONDITIONS	jdbc/TERMSCONDITIONS	Maintenances Server (managed server1)
obelcm-limits-utilization-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Transactions Server (managed server2)
obelcm-collaterals-utilization-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Transactions Server (managed server2)
obelcm-pp-limits-kafka-consumer-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Kafka Consumer Server (managed server3)
obelcm-pp-limits-currency-reval-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Limits Batch Server (managed server4)
obelcm-pp-facility-transfer-batch-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Limits Batch Server (managed server4)
obelcm-pp-facility-earmarking-batch-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Limits Batch Server (managed server4)
obelcm-pp-exposure-block-batch-services	OBELCM_EXPOSURES	jdbc/OBELCM_EXPOSURES	Limits Batch Server (managed server4)
obelcm-pp-facility-nonrev-closure-batch-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Limits Batch Server (managed server4)
obelcm-pp-facility-untanking-batch-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Limits Batch Server (managed server4)
obelcm-facility-stats-master-batch-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Limits Batch Server (managed server4)

Table 5-1 (Cont.) Data Source List

Service Name	Data Source Name	Data Source JNDI	Target
obelcm-pp-liab-tanking-untanking-batch-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Limits Batch Server (managed server4)
obelcm-pp-facility-expiry-batch-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Limits Batch Server (managed server4)
obelcm-facility-fee-batch-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Limits Batch Server (managed server4)
obelcm-pp-facility-activation-batch-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Limits Batch Server (managed server4)
obelcm-pp-facility-schedules-batch-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Limits Batch Server (managed server4)
obelcm-pp-facility-gebsuval-batch-services	OBELCM_LIMITS	jdbc/OBELCM_LIMITS	Limits Batch Server (managed server4)
obelcm-pp-coll-activation-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-coll-perfection-status-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-coll-pool-util-reval-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-coll-tanking-untanking-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-collateral-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-collateral-charge-expiry-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-collateral-child-reval-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-collateral-eca-accounting-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-collateral-enddate-reval-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-collateral-expiry-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-collateral-facility-master-batch-service	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-collateral-fee-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)

Table 5-1   (Cont.) Data Source List

Service Name	Data Source Name	Data Source JNDI	Target
obelcm-pp-collateral-haircut-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-collateral-pool-reval-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-collateral-reval-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-collateral-util-reval-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-colpool-tanking-untanking-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-common-notification-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
obelcm-pp-common-ofsaa-batch-services	OBELCM_COLLATERALS	jdbc/OBELCM_COLLATERALS	Collateral Batch Server (managed server5)
app-shell	None	None	Appshell Server
cmc-component-server	None	None	Appshell Server
moc-component-server	None	None	Appshell Server
sms-component-server	None	None	Appshell Server
obelcm-component-server	None	None	Appshell Server
obcc-component-server	None	None	Appshell Server

2. Connect the data sources to all the new managed servers for Oracle Banking Enterprise Limits and Collateral Management.

> ⓘ **Note**
>
> As part of Oracle Banking Limits and Collaterals, the flyway JNDI changes are incorporated. To deploy the services successfully, the data sources need to be mapped.

Table 5-2   Additional Data sources

Data Source Name	Daata Source JNDI	Targets
PLATO	jdbc/PLATO	Maintenance Server, Transaction Server, Kafka Consumer Server, Limits Batch Server, Collateral Batch Server
SMS	jdbc/sms	Maintenance Server, Transaction Server, Kafka Consumer Server, Limits Batch Server, Collateral Batch Server

Table 5-2　(Cont.) Additional Data sources

Data Source Name	Daata Source JNDI	Targets
PLATOBATCH	jdbc/PLATOBATCH	Limits Batch Server, Collateral Batch Server

6
Deployments

This topic provides the systematic instructions to deploy services for Oracle Banking Enterprise Limits and Collateral Management Installation.

The prerequisites are as follows:

- Make sure that database setup and data sources creation are completed before the application deployment stage.
- Each service is linked to a specific war file that must be deployed on the server.

The following diagram represents the process of deploying the war files.

Deploy the war files sequentially in the given order. For additional details on deployments, see the Deploy Application section in the Configuration and Deployment Guide.

The table below outlines the deployment details needed for each domain to operate the Oracle Banking Enterprise Limits and Collateral Management application. The archive names listed are for reference only.

Figure 6-1   Deployments
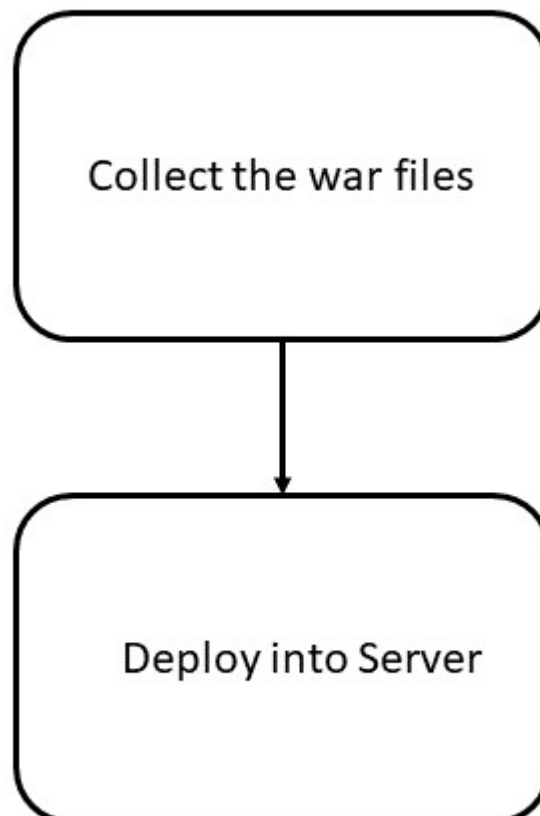
> ⓘ **Note**
>
> For the exact version of the archive names and version, refer to the OSDC zip provided as a part of release.

Deployment List

Table 6-1   Deployment List

Application	Archive Name	OSDC Path	Target
obelcm-common-maintenance-services	obelcm-common-maintenance-services-{version}.war	\{unzip the file} \obelcm-common-maintenance-services	Maintenance Server (managed server 1)
obelcm-limits-maintenance-services	obelcm-limits-maintenance-services-{version}.war	{unzip the file} \obelcm-limits-maintenance-services	Maintenance Server (managed server1
obelcm-collateral-maintenance-services	obelcm-collateral-maintenance-services-{version}.war	{unzip the file} \obelcm-collateral-maintenance-services	Maintenance Server (managed server1
obelcm-exposure-maintenance-services	obelcm-exposure-maintenance-services-{version}.war	\{unzip the file} \obelcm-exposure-maintenance-services	Maintenance Server (managed server1
obcc-core-services	obcc-core-services-{version}.war	{unzip the file} \obcc-core-services	Maintenance Server (managed server1
covenant-services	covenant-services-{version}.war	{unzip the file} \covenant-services	Maintenance Server (managed server1
terms-conditions-services	oblm-pool-services-{version}.war	\OBLM_SERVICES\oblm-pool-services\	Maintenance Server (managed server1
oblm-dashboard-services	terms-conditions-services-{version}.war	{unzip the file} \terms-conditions-services	Maintenance Server (managed server1
obelcm-limits-utilization-services	obelcm-limits-utilization-services-{version}.war	{unzip the file} \obelcm-limits-utilization-services	Transaction Server (managed server2)
obelcm-collaterals-utilization-services	obelcm-collaterals-utilization-services-{version}.war	{unzip the file} \obelcm-collaterals-utilization-services	Transaction Server (managed server2)
obelcm-pp-limits-kafka-consumer-services	obelcm-pp-limits-kafka-consumer-services-{version}.war	{unzip the file} \obelcm-pp-limits-kafka-consumer-services	Kafka Consumer Server (managed server3)
obelcm-pp-limits-currency-reval-services	obelcm-pp-limits-currency-reval-services-{version}.war	{unzip the file} \obelcm-pp-limits-currency-reval-services	Limits Batch Server (managed server4)
obelcm-pp-facility-transfer-batch-services	obelcm-pp-facility-transfer-batch-services-{version}.war	{unzip the file} \obelcm-pp-facility-transfer-batch-services	Limits Batch Server (managed server4)
obelcm-pp-facility-earmarking-batch-services	obelcm-pp-facility-earmarking-batch-services-{version}.war	{unzip the file} \obelcm-pp-facility-earmarking-batch-services	Limits Batch Server (managed server4)
obelcm-pp-exposure-block-batch-services	obelcm-pp-exposure-block-batch-services-{version}.war	{unzip the file} \obelcm-pp-exposure-block-batch-services	Limits Batch Server (managed server4)
obelcm-pp-facility-nonrev-closure-batch-services	obelcm-pp-facility-nonrev-closure-batch-services-{version}.war	unzip the file} \obelcm-pp-facility-nonrev-closure-batch-services	Limits Batch Server (managed server4)

Table 6-1   (Cont.) Deployment List

Application	Archive Name	OSDC Path	Target
obelcm-facility-stats-master-batch-services	obelcm-facility-stats-master-batch-services-{version}.war	{unzip the file} \obelcm-facility-stats-master-batch-services	Limits Batch Server (managed server4)
obelcm-pp-liab-tanking-untanking-batch-services	obelcm-pp-liab-tanking-untanking-batch-services-{version}.war	Limits Batch Server (managed server4)	Limits Batch Server (managed server4)
obelcm-pp-facility-expiry-batch-services	obelcm-pp-facility-expiry-batch-services-{version}.war	{unzip the file} \obelcm-pp-facility-expiry-batch-services	Limits Batch Server (managed server4)
obelcm-facility-fee-batch-services	obelcm-facility-fee-batch-services-{version}.war	{unzip the file} \obelcm-facility-fee-batch-services	Limits Batch Server (managed server4)
obelcm-pp-facility-activation-batch-services	obelcm-pp-facility-activation-batch-services-{version}.war	{unzip the file} \obelcm-pp-facility-activation-batch-services	Limits Batch Server (managed server4)
obelcm-pp-facility-schedules-batch-services	obelcm-pp-facility-schedules-batch-services-{version}.war	{unzip the file} \obelcm-pp-facility-schedules-batch-services	Limits Batch Server (managed server4)
obelcm-pp-facility-gebsuval-batch-services	obelcm-pp-facility-gebsuval-batch-services-{version}.war	{unzip the file} \obelcm-pp-facility-gebsuval-batch-services	Limits Batch Server (managed server4)
obelcm-pp-coll-activation-batch-services-{version}.war	obelcm-pp-coll-activation-batch-services-{version}.war	{unzip the file} \obelcm-pp-coll-activation-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-coll-perfection-status-batch-services	obelcm-pp-coll-perfection-status-batch-services-{version}.war	{unzip the file} \obelcm-pp-coll-perfection-status-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-coll-pool-util-reval-batch-services	obelcm-pp-coll-pool-util-reval-batch-services-{version}.war	{unzip the file} \obelcm-pp-coll-pool-util-reval-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-coll-tanking-untanking-batch-services	obelcm-pp-coll-tanking-untanking-batch-services-{version}.war	{unzip the file} \obelcm-pp-coll-tanking-untanking-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-collateral-batch-services	obelcm-pp-collateral-batch-services-{version}.war	{unzip the file} \obelcm-pp-collateral-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-collateral-charge-expiry-batch-services	obelcm-pp-collateral-charge-expiry-batch-services-{version}.war	{unzip the file} \obelcm-pp-collateral-charge-expiry-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-collateral-child-reval-batch-services	obelcm-pp-collateral-child-reval-batch-services-{version}.war	{unzip the file} \obelcm-pp-collateral-child-reval-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-collateral-eca-accounting-batch-services	obelcm-pp-collateral-eca-accounting-batch-services-{version}.war	{unzip the file} \obelcm-pp-collateral-eca-accounting-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-collateral-enddate-reval-batch-services	obelcm-pp-collateral-enddate-reval-batch-services-{version}.war	{unzip the file} \obelcm-pp-collateral-enddate-reval-batch-services	Collateral Batch Server (managed server5)

Table 6-1   (Cont.) Deployment List

Application	Archive Name	OSDC Path	Target
obelcm-pp-collateral-expiry-batch-services	obelcm-pp-collateral-expiry-batch-services-{version}.war	{unzip the file} \obelcm-pp-collateral-expiry-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-collateral-facility-master-batch-service	obelcm-pp-collateral-facility-master-batch-service-{version}.war	{unzip the file} \obelcm-pp-collateral-facility-master-batch-service	Collateral Batch Server (managed server5)
obelcm-pp-collateral-fee-batch-services	obelcm-pp-collateral-fee-batch-services-{version}.war	{unzip the file} \obelcm-pp-collateral-fee-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-collateral-fee-batch-services	obelcm-pp-collateral-haircut-batch-services-{version}.war	{unzip the file} \obelcm-pp-collateral-haircut-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-collateral-pool-reval-batch-services	obelcm-pp-collateral-pool-reval-batch-services-{version}.war	{unzip the file} \obelcm-pp-collateral-pool-reval-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-collateral-reval-batch-services	obelcm-pp-collateral-reval-batch-services-{version}.war	{unzip the file} \obelcm-pp-collateral-reval-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-collateral-util-reval-batch-services	obelcm-pp-collateral-util-reval-batch-services-{version}.war	{unzip the file} \obelcm-pp-collateral-util-reval-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-colpool-tanking-untanking-batch-services	obelcm-pp-colpool-tanking-untanking-batch-services-{version}.war	{unzip the file} \obelcm-pp-colpool-tanking-untanking-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-common-notification-batch-services	obelcm-pp-common-notification-batch-services-{version}.war	{unzip the file} \obelcm-pp-common-notification-batch-services	Collateral Batch Server (managed server5)
obelcm-pp-common-ofsaa-batch-services	obelcm-pp-common-ofsaa-batch-services-{version}.war	{unzip the file} \obelcm-pp-common-ofsaa-batch-services	Collateral Batch Server (managed server5)
OBO UI Components	app-shell-{version}.war	{**unzip the file**} ui/	Appshell Server
	cmc-component-server-{version}.war		
	moc-component-server-{version}.war		
	sms-component-server-{version}.war		
	obelcm-component-server-{version}.war		
	obcc-component-server-{version}.war		

> ⓘ **Note**
>
>   Refer to OSDC zip for the eaxct version number for each service.

7

Setup Oracle Banking Enterprise Limits and Collateral Management KAFKA

This topic provides systematic instructions to setup the Oracle Banking Enterprise Limits and Collateral Management kafka topics.

The Prerequisites as follows:

- Make sure that the Kafka installation is completed.

- To install Kafka, see the Oracle Banking Microservices Architecture Software Deployment section in the Oracle Banking Microservices Platform Foundation Installation Guide.

The Kafka topics listed below are utilized in Oracle Banking Enterprise Limits and Collateral Management. All of these topics need to be created and confirmed on the Kafka Server using the command.

```
<Kafka Bin Folder>/kafka-topics.sh --create --bootstrap-server <Broker ip/
hostname>:<Broker Port> --replication-factor 1 --partitions 1 --topic <topic
name>
```

Table 7-1   Kafka Topics

Serial Number	Topic Name	Description	Usage
1	rpmDashboard	This event is used for populating projection data for rendering the dashboard.	Updating all the attributes related to a process
2	ELCMFacilityCommonCoreReplicationEOD	This is Plato Alerts's kafka topic to which the notification is sent	Updates the facility in common core during batch processing
3	AlertMessage	This is Plato Alerts's kafka topic to which the notification is sent	Used for notiifcations
4	ELCM_NOTIF_EVENT	This is the ELCM's kafka topic to which Plato Alerts will resend the notification in case the mode is Event	Used for notiifcations

8
Restart and Refresh

This topic describes the procedure to restart and refresh the servers.

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

> ⓘ **Note**
>
> To restart the server, refer to **Restart Server** section in **Configuration and Deployment Guide**.

9

Logging Area

This topic describes about the logging area after deployment of Oracle Banking Enterprise Limits and Collateral Management applications in WebLogic server.

Oracle Banking Enterprise Limits and Collateral Management Application writes logs in the logging area of the server:

`<WEBLOGIC_DOMAIN_CONFIG_AREA/servers/APP/logs`

APP.out A sample of logging area is as follows:

Table 9-1   Sample Logging Area

Sample	Value
Domain Name	obelcm_domain
Managed_server Name	OBELCMAPP
Domain Area	For example, a domain is created with the above domain and managed server names in the following area of the server: ~/middleware/user_projects/domains/**obelcm_domain**
Logging area for Oracle Banking Enterprise Limits and Collateral Management applications	~/middleware/user_projects/domains/obelcm_domain/servers/ OBELCMAPP/logs/OBELCMAPP.out

Glossary

Index