Oracle® Banking Enterprise Limits and Collateral Management

Resources to be Created

Release 14.8.0.0.0
G32495-01
April 2025

Oracle Banking Enterprise Limits and Collateral Management Resources to be Created, Release 14.8.0.0.0

G32495-01

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Preface

1.1 Purpose

This guide helps the user to create the required resources for Oracle Banking Enterprise Limits and Collateral Management.

1.2 Audience

This guide is intended for anyone responsible for installing Oracle Banking Application.

1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at https://www.oracle.com/corporate/accessibility/.

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.

1.4 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 ensure effective security, as strongly recommended by Oracle Software Security Assurance.

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 Conventions

The following text conventions are used in this document:

Table 1-1 Conventions

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.

1.7 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.

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Resources to be created on Application Server

This topic explains the list of resources to be created for FCUBS application.

- Resource Types
  This topic explains the Resource Types before deploying the Oracle FLEXCUBE Application.
- Resource prerequisites for Plug-ins
  This topic explains the resource plug-ins prerequisites.

2.1 Resource Types

This topic explains the Resource Types before deploying the Oracle FLEXCUBE Application.

Configure the application server for the Oracle FLEXCUBE Application. Ensure that the following resources are available before deployment:

- Data source
- JMS resources
- Debug paths for host and branch

> **Note:**
>
> In case of Multi Entity, all data sources must be created separately for each entity. The JNDI name will be differentiated by suffixing entity name.

jdbc/fcjDevDs

2.2 Resource prerequisites for Plug-ins

This topic explains the resource plug-ins prerequisites.

Resource prerequisites for different plug-ins are explained below. In case you wish to include a plug-in, ensure that the corresponding resources are created.

- FLEXCUBE UBS
  This topic explains the creation of the Queues, Connection factories, and Data source in the application server.
- SMS
  This topic explains the data sources required for the SMS.
- Scheduler
  This topic explains the Connection Factories, Queues, and Data Sources required for the Scheduler.
- Gateway
  This topic explains the Connection Factories, Queues, and Data Sources required for the Gateway.

- OFTW
  This topic explains the Connection Factories, Queues, and Data Sources required for OFTW.
- ELCM
  This topic explains the Connection Factories, Queues, and Data Sources required for ELCM.
- FGL
  This topic explains the Connection Factories, Queues, and Data Sources required for FGL.
- REST API Services
  This topic explains the Data Sources required for REST API Services.
- OBCL
  This topic explains the Data Sources required for OBCL.

2.2.1 FLEXCUBE UBS

This topic explains the creation of the Queues, Connection factories, and Data source in the application server.

FCUBS needs the below resources before deployment. Create the following queues and connection factories in the application server.

Table 2-1 JMS Connection Factories

QCF Label	QCF
Notify Destination QCF	NotifyDestQCF
Deferred QCF	DefferedDestQCF
Notify QCF	NOTIFY_MDB_QCF
Incoming QCF	EmsQcf
GI Upload QCF	GI_UPLOAD_QCF
Sanction Check QCF	SNCKREQQCF
<Internally Referred>	ELMDBQCF
<Internally Referred>	EL_NOTIFY_QCF

Table 2-2 Queues

QUEUE Label	QUEUE
Notify Destination Queue Name	NOTIFY_DEST_QUEUE
Deferred Queue Name	DEFFERED_DEST_QUEUE
Notify Queue Name	NOTIFY_QUEUE
Dead Letter Queue name	NOTIFY_QUEUE_DLQ
Incoming BackupQueue name	EMS_QUEUE_BACK
Incoming Dead Letter Queue name	EMS_QUEUE_DLQ
Incoming Queue Name	EMS_INQUEUE
Outgoing Queue Name	EMS_OUTQUEUE
SFMS Incoming Queue	SFMS_INQUEUE
RTGS Incoming Queue	RTGS_INQUEUE
GI Upload Queue Name	INTERNAL_GI_UPLOAD_QUEUE
GI Upload Dead Letter Queue Name	INTERNAL_GI_UPLOAD_DLQ

Table 2-2 (Cont.) Queues

QUEUE Label	QUEUE
BulkerMDB Queue	EMS_BULKERQUE
Sanction Check Request Queue	SNCKREQ_QUEUE
Sanction Check Response Queue	SNCKRES_QUEUE
Sanction Check Listener Queue	SNCKASYNC_QUEUE
<Internally Referred>	ELMDB_REQ_Q
<Internally Referred>	ELMDB_RES_Q
<Internally Referred>	ELMDB_DLQ
<Internally Referred>	EL_NOTIFY_REQ_Q
<Internally Referred>	EL_NOTIFY_RES_Q
<Internally Referred>	EL_NOTIFY_DLQ

Table 2-3 Data Source

Datasource Name	Datasource Label	Type	Default Value
INIT_DATASOURCE	Data Source	NON-XA	jdbc/fcjdevDS
BRANCH_CENTRALIZED_DS	Data Source	XA	jdbc/fcjDevXADS
SCHEDULER_DS	Scheduler Datasource	XA	jdbc/fcjSchedulerDS

Note the following:

You need to create two more data sources for Oracle FCUBS.

- **Scheduler:** You need to create an XA data source for Oracle FCUBS with the JNDI name '_XA' for the scheduler. For example, if the Oracle FCUBS HOST Non XA data source JNDI name is jdbc/fcjdevDS, then you need to create another data source for FCUBS with the JNDI name jdbc/fcjdevDS_XA.
- **Batch Process:** You need to create the data source for Oracle FCUBS with the JNDI name '_ASYNC for the batch process. For example, if the Oracle FCUBS HOST Non XA data source JNDI name is jdbc/fcjdevDS, then you need to create another data source for FCUBS with the JNDI name jdbc/fcjdevDS_ ASYNC.

2.2.2 SMS

This topic explains the data sources required for the SMS.

SMS needs the below Data sources before deployment.

Table 2-4 DataSource

Datasource Name	Datasource Label	Type	Default Value
FCUBS_SMS_POOL_NAME	DataSource	NON-XA	jdbc/fcjsmsDS

2.2.3 Scheduler

This topic explains the Connection Factories, Queues, and Data Sources required for the Scheduler.

If the scheduler is included in the property file, create the following queues and connection factories in the application server.

In the case of Remote Scheduler, create the following queues, connection factories, and Datasources in the application server where scheduler EAR will be deployed.

Table 2-5 Connection Factories

QCF Label	QCF
Notify Destination QCF	NotifyDestQCF
Deferred QCF	DefferedDestQCF
Notify QCF	NOTIFY_MDB_QCF
Incoming QCF	EmsQcf
Sanction Check QCF	SNCKREQQCF
GI Upload QCF	GI_UPLOAD_QCF

All these must be XA enabled.

Table 2-6 Queues

QUEUE Label	QUEUE
Notify Destination Queue Name	NOTIFY_DEST_QUEUE
Deferred Queue Name	DEFFERED_DEST_QUEUE
Notify Queue Name	NOTIFY_QUEUE
Dead Letter Queue name	NOTIFY_QUEUE_DLQ
Incoming BackupQueue name	EMS_QUEUE_BACK
Incoming Dead Letter Queue name	EMS_QUEUE_DLQ
Incoming Queue Name	EMS_INQUEUE
Outgoing Queue Name	EMS_OUTQUEUE
SFMS Incoming Queue	SFMS_INQUEUE
RTGS Incoming Queue	RTGS_INQUEUE
Sanction Check Request Queue	SNCKREQ_QUEUE
Sanction Check Response Queue	SNCKRES_QUEUE
Sanction Check Listener Queue	SNCKASYNC_QUEUE
GI Upload Queue Name	INTERNAL_GI_UPLOAD_QUEUE
GI Upload Dead Letter Queue Name	INTERNAL_GI_UPLOAD_DLQ

Topic Connection Factory

- NotifyDestTCF

Topic

- NOTIFY_DEST_TOPIC

To configure scheduler and EMS with MQ series, follow the steps given below.

- Create queues in MQ Series.
- Create binding file.
- Copy the MQ series JAR files to Oracle WebLogic domain library folder.

Table 2-7 Datasources

Datasource Name	Datasource Label	Type	Default Value
INIT_DATASOURCE	Data Source	NON-XA	jdbc/fcjdevDS
SCHEDULER_DS	Scheduler Datasource	XA	jdbc/fcjSchedulerDS

Note the following:

- You need to create another XA data source for Oracle FCUBS with the JNDI name '_XA' for Scheduler. For example, if the Oracle FCUBS HOST Non-XA data source JNDI name is jdbc/fcjdevDS', then you need to create another data source for FCUBS with the JNDI name jdbc/fcjdevDS_XA.

Security Provider Libraries

If you wish to include the signing process for SFMS messages, you need to set the following library.

Table 2-8 Security Provider Libraries

File Name	Download Location	Instructions
bcprovjdk.jar (Latest Qualified Version)	https://www.bouncycastle.org/latest_releases.html	Copy the file **bcprovjdk.jar** (Latest Qualified Version) to the directory `{WL_JAVA_HOME}/jre/lib/ext` Here, **WL_JAVA_HOME** is the Java root directory from which the WebLogic server is running. Restart Oracle WebLogic server.

For details on the latest version of the software qualified with Oracle FLEXCUBE, refer to the release certificate.

2.2.4 Gateway

This topic explains the Connection Factories, Queues, and Data Sources required for the Gateway.

If scheduler is included in the property file, create the following queues and connection factories in the application server.

Table 2-9 Connection Factories

QCF Label	QCF
MDB QCF	MDBQCF

All these must be XA enabled.

Table 2-10 Queues

QUEUE Label	QUEUE
MDB Request Queue	MDB_QUEUE
MDB Response Queue	MDB_QUEUE_RESPONSE
MDB DL Queue	MDB_QUEUE_DLQ

Table 2-11 Data Source

Datasource Name	Datasource Label	Type	Default Value
FCUBS_MSG_SCHEMA_CON_POOLNAM E	DataSource	XA for MDB and NON-XA for others.	FLEXTEST.WORL D
FCUBS_SMS_POOL_NAME	DataSource	NON-XA	jdbc/fcjsmsDS

2.2.5 OFTW

This topic explains the Connection Factories, Queues, and Data Sources required for OFTW.

If OFTW (Oracle Flexcube Testing Workbench) is included in the property file, create the following queues and connection factories in the application server.

Table 2-12 Connection Factories

QCF Label	QCF
RTTDest QCF	RTTDestQCF

Table 2-13 Queues

QUEUE Label	QUEUE
RTT Recording Queue	RTT_RECORDING_QUEUE

Table 2-14 Data Source

Datasource Name	Datasource Label	Type	Default Value
RECORDING_JNDI	OFTW Data Source	XA	jdbc/ OFTWPref
REPLAY_JNDI	OFTW Data Source	XA	jdbc/ OFTWLogger

RECORDING_JNDI: Source Schema

REPLAY_JNDI: Schema to store recorded test cases. Recommended to use target schema.

2.2.6 ELCM

This topic explains the Connection Factories, Queues, and Data Sources required for ELCM.

If the ELCM application has to be deployed, create the following queues and connection factories in the application server.

Table 2-15 JMS Connection Factories

QCF Label	QCF
EL gateway Notify QCF	EL_NOTIFY_QCF
EL Gateway MDB QCF	ELMDBQCF
Notify Destination QCF	NotifyDestQCF
Deferred QCF	DefferedDestQCF
Notify QCF	NOTIFY_MDB_QCF
Incoming QCF	EmsQcf
GI Upload QCF	GI_UPLOAD_QCF

Table 2-16 JMS Queues

QUEUE Label	QUEUE
EL gateway Notify Request Queue Name	EL_NOTIFY_REQ_Q
EL gateway Notify Response Queue Name	EL_NOTIFY_RES_Q
EL gateway Notify DeadLetter Queue Name	EL_NOTIFY_DLQ
EL Gateway MDB Request Queue Name	ELMDB_REQ_Q
EL Gateway MDB Response Queue Name	ELMDB_RES_Q
EL Gateway MDB DeadLetter Queue Name	ELMDB_DLQ
Notify Destination Queue Name	NOTIFY_DEST_QUEUE
Deferred Queue Name	DEFFERED_DEST_QUEUE
Notify Queue Name	NOTIFY_QUEUE
Dead Letter Queue name	NOTIFY_QUEUE_DLQ
Incoming BackupQueue name	EMS_QUEUE_BACK
Incoming Dead Letter Queue name	EMS_QUEUE_DLQ
Incoming Queue Name	EMS_INQUEUE
Outgoing Queue Name	EMS_OUTQUEUE
SFMS Incoming Queue	SFMS_INQUEUE
RTGS Incoming Queue	RTGS_INQUEUE
GI Upload Queue Name	INTERNAL_GI_UPLOAD_QUEUE
GI Upload Dead Letter Queue Name	INTERNAL_GI_UPLOAD_DLQ

For ELCM, We need to create the following data sources for JDBC resources:

Table 2-17 Data Source

Datasource Name	Datasource Label	Type	Default Value
INIT_DATASOURCE	Data Source	NON-XA	jdbc/fcjdevDS
EL_INIT_DATASOURCE	Scheduler DataSource	NON-XA	jdbc/fcjSchedulerDS

2.2.7 FGL

This topic explains the Connection Factories, Queues, and Data Sources required for FGL.

If FGL application has to be deployed, create the following queues and connection factories in the application server.

Table 2-18 JMS Connection Factories

QCF Label	QCF
Notify Destination QCF	NotifyDestQCF
Deferred QCF	DefferedDestQCF
Notify QCF	NOTIFY_MDB_QCF
Incoming QCF	EmsQcf
BIP QCF	BIPQCF
GI Upload QCF	GI_UPLOAD_QCF

Table 2-19 JMS Queues

QUEUE Label	QUEUE
Notify Destination Queue Name	RTT_RECORDING_QUEUE
Deferred Queue Name	DEFFERED_DEST_QUEUE
Notify Queue Name	NOTIFY_QUEUE
Dead Letter Queue name	NOTIFY_QUEUE_DLQ
Incoming BackupQueue name	EMS_QUEUE_BACK
Incoming Dead Letter Queue name	EMS_QUEUE_DLQ
Incoming Queue Name	EMS_INQUEUE
Outgoing Queue Name	EMS_OUTQUEUE
SFMS Incoming Queue	SFMS_INQUEUE
RTGS Incoming Queue	RTGS_INQUEUE
BIP Queue Name	BIPREPORT_QUEUE
BIP Dead Letter Queue Name	INTERNAL_BIP_QUEUE_DLQ
BIPadvice Queue Name	BIPADVREPORT_QUEUE
BIPadvice Dead Letter Queue Name	INTERNAL_BIP_ADVICE_QUEUE_DLQ
GI Upload Queue Name	INTERNAL_GI_UPLOAD_QUEUE
GI Upload Dead Letter Queue Name	INTERNAL_GI_UPLOAD_DLQ

Table 2-20 Data Source

Datasource Name	Datasource Label	Type	Default Value
INIT_DATASOURCE	Data Source	NON-XA	jdbc/fcjdevDS
SCHEDULER_DS	Scheduler Datasource	XA	jdbc/ fcjSchedulerDSREPLAY _JNDI: Schema to store recorded test cases. Recommended to use target schema.

2.2.8 REST API Services

This topic explains the Data Sources required for REST API Services.

The following Datasource has to be created for REST API Service Application:

Table 2-21 Data Source

Datasource Name	Datasource Label	Type	Default Value
INIT_DATASOURCE	Data Source	XA	jdbc/fcliteAPIDS

2.2.9 OBCL

This topic explains the Data Sources required for OBCL.

If the OBCL application has to be deployed, create the following queues and connection factories in the application server.

For OBCL, We need to create the following data sources for JDBC resources:

Table 2-22 Data Source

Datasource Name	Datasource Label	Type	Default Value
INIT_DATASOURCE	Data Source	NON-XA	jdbc/fcjdevDS
SMS_DATASOURCE	Data Source	NON-XA	jdbc/fcjsmsDS
SCHEDULER_DS	Scheduler DataSource	NON-XA	jdbc/fcjSchedulerDS