Oracle Banking Trade Finance Resources to be Created



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ORACLE

Oracle Banking Trade Finance Resources to be Created, Release 14.8.0.0.0

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Contents

Preface

Purpose	iv
Audience	iv
Documentation Accessibility	iv
Critical Patches	iv
Diversity and Inclusion	iv
Conventions	v
Related Resources	v
Screenshot Disclaimer	v

1 RESOURCES TO BE CREATED ON APPLICATION SERVER

1.1	Intro	duction	1-1
1.2	Reso	purce Types	1-1
1.3	Reso	purce prerequisites for Plug-ins	1-1
	1.3.1	Oracle Banking Trade Finance	1-2
	1.3.2	SMS	1-3
	1.3.3	Scheduler	1-4
	1.3.4	Gateway	1-6
	1.3.5	ELCM	1-7
	1.3.6	REST API services	1-8



Preface

- Purpose
- Audience
- Documentation Accessibility
- Critical Patches
- Diversity and Inclusion
- Conventions
- Related Resources
- Screenshot Disclaimer

Purpose

This guide helps the user to create the required resources for Oracle Banking Trade Finance.

Audience

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

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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.
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.

Related Resources

For more information, see these Oracle Banking Trade Finance resources:

- Oracle Banking Trade Finance Release Notes
- Oracle Banking Trade Finance Install & Upgrade

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.



1 RESOURCES TO BE CREATED ON APPLICATION SERVER

1.1 Introduction

This chapter explains list of resources to be created for OBTF application.

1.2 Resource Types

Configure the application server for Oracle Banking Trade Finance 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.

Examples: If Data source is 'jdbc/fcjDevDs' then jdbc/fcjDevDs+entity name will be lookup the application. (jdbc/fcjDevDs+entity name) jndi should be presented in application server

1.3 Resource prerequisites for Plug-ins

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.

- Oracle Banking Trade Finance
- SMS
- Scheduler
- Gateway
- ELCM
- REST API services



1.3.1 Oracle Banking Trade Finance

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

	Table 1-1	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
Sanction Check QCF	SNCKREQQCF
<internally referred=""></internally>	ELMDBQCF
<internally referred=""></internally>	EL_NOTIFY_QCF

Table 1-2 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
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
BulkerMDB Queue	EMS_BULKERQUE
Sanction Check Request Queue	SNCKREQ_QUEUE
Sanction Check Response Queue	SNCKRES_QUEUE



Table 1-2 (Cont.) Queues

QUEUE Label	QUEUE
Sanction Check Listener Queue	SNCKASYNC_QUEUE
<internally referred=""></internally>	ELMDB_REQ_Q
<internally referred=""></internally>	ELMDB_RES_Q
<internally referred=""></internally>	ELMDB_DLQ
<internally referred=""></internally>	EL_NOTIFY_REQ_Q
<internally referred=""></internally>	EL_NOTIFY_RES_Q
<internally referred=""></internally>	EL_NOTIFY_DLQ

Table 1-3 Data source

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

STOP

Note:

You need to create two more data sources for Oracle Banking Trade Finance

- <u>Scheduler</u>: You need to create XA data source for Oracle Banking Trade Finance with the JNDI name '_XA' for scheduler. For example, if the Oracle Banking Trade Finance HOST Non XA data source JNDI name is 'jdbc/fcjdevDS', then you need to create another data source for Oracle Banking Trade Finance with the JNDI name 'jdbc/fcjdevDS_XA'.
- <u>Batch Process</u>: You need to create data source for Oracle Banking Trade Finance with the JNDI name '_ASYNC for batch process. For example, if the Oracle Banking Trade Finance HOST Non XA data source JNDI name is 'jdbc/ fcjdevDS', then you need to create another data source for Oracle Banking Trade Finance with the JNDI name 'jdbc/fcjdevDS_ASYNC.

1.3.2 SMS

SMS needs below Data sources before deployment.

Table 1-4 DataSource

Datasource Name	Datasource Label	Label Type	Default Value
FCUBS_SMS_POOL_N AME	DataSource	NON-XA	jdbc/fcjdevDS



1.3.3 Scheduler

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

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

Table 1-5 Connection Factories

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

All these must be XA enabled.

Table 1-6 Queues

QUEUE Label	QUEUE
Notify Destination Queue	NOTIFY_DEST_QUEUE
Name	
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
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



Table 1-6 (Cont.) Queues

QUEUE Label	QUEUE
GI Upload Dead Letter Queue Name	INTERNAL_GI_UPLOAD_DLQ

Topic Connection Factory

NotifyDestTCF

Торіс

• 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 1-7 Datasources

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





Note:

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

Table 1-8 Security Provider Libraries	Table 1-8	Security Provider Libraries
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File Name	Download Location	Instructions
bcprov-jdk(Latest Qualified Version).jar	https:// www.bouncycastle.org/ latest_releases.html	Copy the file 'bcprov- jdk(Latest Qualified Version).jar' to the directory '{WL_JAVA_HOME}/jre/lib /ext' Here, 'WL_JAVA_HOME' is the Java root directory from which WebLogic server is running. Restart Oracle WebLogic server.

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

1.3.4 Gateway

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

Table 1-9Connection Factories	Table 1-9	Connection	Factories
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QCF Label	QCF
MDB QCF	MDBQCF

All these must be XA enabled.

Table 1-10 Queues

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



Table 1-11 DataSource

ĺ	Datasource Name	Datasource Label	Туре	Default Value
- 1	FCUBS_MSG_SCHEM A_CON_POOLNAME	DataSource	XA for MDB and NON- XA for others	FLEXTEST.WORLD
	FCUBS_SMS_POOL_N AME	DataSource	NON-XA	jdbc/fcjdevDS

1.3.5 ELCM

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

Table 1-12 JMS C	onnection Factories
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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
BIP QCF	BIPQCF
GI Upload QCF	GI_UPLOAD_QCF

Table 1-13JMS 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



Table 1-13	(Cont.) JMS Queues
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QUEUE Label	QUEUE
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

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

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

1.3.6 REST API services

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

Table 1-14Data Source:

Datasource Name	Datasource Label	Туре	Default Value
INIT_DATASOURCE	Data Source	ХА	jdbc/fcjdevDS