FLEXCUBE UBS Oracle GL Adapter Oracle ASJMS Queues
Creation Installation
Oracle FLEXCUBE Universal Banking
Release 12.2.0.0.0
[May] [2016]

ORACLE®

FINANCIAL SERVICES

Table of Contents

1.1.1

1. OC4J JMS Installation Steps

1.1 Steps

A. Stop the application server.

If the application server is already running, then stop the application server as follows:

✓ For WINDOWS

- Set JAVA_HOME and ORACLE_HOME   with the paths in your machine

  e.g.

  set ORACLE_HOME=D:\Oracle10gAS

  set JAVA_HOME=%ORACLE_HOME%\jdk

- Go to the <APP_SERVER_HOME>/bin directory in the command prompt

  E.g. cd %APP_SERVER_HOME%\bin

- Type **oc4j –shutdown –port 23791 –password <admin_password>**

  e.g. oc4j –shutdown –port 23791 –password oc4jadmin

 This will stop the server.

✓ For UNIX

- Set JAVA_HOME and ORACLE_HOME with the paths in your machine

  e.g.

  export ORACLE_HOME=/home/Oracle10gAS

  export JAVA_HOME=${ORACLE_HOME}/jdk

- Go to the <APP_SERVER_HOME>/bin directory in the command prompt

e.g. cd ${APP_SERVER_HOME]/bin

- Type **oc4j –shutdown –port 23791 –password <admin_password>**

e.g. oc4j –shutdown –port 23791 –password oc4jadmin

This will stop the server.

ORACLE

B. Start the application server.

- ✓ For WINDOWS

  - Set JAVA_HOME and ORACLE_HOME   with the paths in your machine

    e.g.

    set ORACLE_HOME=D:\Oracle10gAS

    set JAVA_HOME=%ORACLE_HOME%\jdk

  - Go to the <APP_SERVER_HOME>/bin directory in the command prompt

    e.g. cd %APP_SERVER_HOME%\bin

  - Type **oc4j –start**

    This will start the server. Ensure that you get no error during start up. If the server start up
    is proper we shall get the following screen.

- ✓ For UNIX

  - Set JAVA_HOME and ORACLE_HOME with the paths in your machine.

    e.g.

    export ORACLE_HOME=/home/Oracle10gAS

    export JAVA_HOME=${ORACLE_HOME}/jdk

  - Go to the <APP_SERVER_HOME>/bin directory in the command prompt

    E.g. cd ${APP_SERVER_HOME}/bin

  - Type **oc4j –start**

    This will start the server. Ensure that you get no error during start up.

C. Open the Administrative Console of Oracle Enterprise Manager

   ✓ Open an internet browser and type the OC4J Admin Console URL Address of the server.

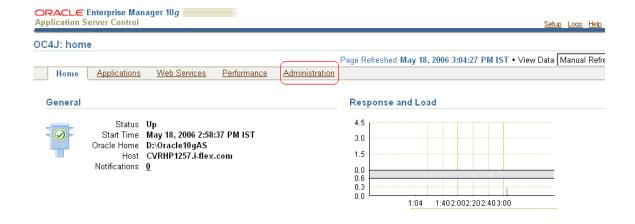   e.g. http://10.80.4.116:8888/em

   where, 10.80.4.116 is the machine IP Address on which OC4J is running.

   ✓ Login to Administrative Console

   Enter OC4J administrator username/password and press **Login**.

D. Create the JMS Destinations and Connection Factories

1. The following screen is displayed.

   ✓ Click on **Administration**.

2. The following screen is displayed.

✓   Go to the "**JMS Providers**" Task.

3. The following screen is displayed.

✓ Click on "Destinations".

4. The following screen is displayed. Create a new Queue.

✓ Click on "Create New".

OC4J: home >

OracleAS JMS

Page Refreshed **May 24, 2006 6:57:56 PM GMT+05:30**

| Home | **Destinations** | Connection Factories | Administration |

Create New

Name △	Type	JNDI Location	Persistence File	Monitor Performance	Delete
Demo Queue	Queue	jms/demoQueue		📋	🗑
Demo Topic	Topic	jms/demoTopic		📋	🗑
jms/events	Queue	jms/events	/D:/Oracle10gAS/j2ee/home/persistence/ scheduler_events	📋	🗑
jms/jobstore	Queue	jms/jobstore	/D:/Oracle10gAS/j2ee/home/persistence/ scheduler_jobstore	📋	🗑
jms/notifications	Queue	jms/notifications	/D:/Oracle10gAS/j2ee/home/persistence/ scheduler_notifications	📋	🗑
jms/Oc4jJmsExceptionQueue	Queue	jms/Oc4jJmsExceptionQueue	/D:/Oracle10gAS/j2ee/home/persistence/ Oc4jJmsExceptionQueue	📋	🗑
jms/OracleSyndicateQueue	Queue	jms/OracleSyndicateQueue		📋	🗑
jms/OracleUddiReplicationQueue	Queue	jms/OracleUddiReplicationQueue		📋	🗑
jms/RAExceptionQueue	Queue	jms/RAExceptionQueue		📋	🗑
OC4J Domain Queue	Queue	jms/oc4jDomain	/D:/Oracle10gAS/j2ee/home/persistence/ oc4jDomain	📋	🗑
Sample Queue	Queue	jms/sampleQueue		📋	🗑
Sample Topic	Topic	jms/sampleTopic		📋	🗑

| Home | **Destinations** | Connection Factories | Administration |

5. The following screen is displayed.

- ✓ Select the Destination Type as "Queue".

- ✓ Enter the Destination Name as "NOTIFY_DEST_QUEUE".

- ✓ Enter a description.

- ✓ Enter the JNDI Location as "NOTIFY_DEST_QUEUE".

- ✓ Enter the Persistence File name as "NOTIFY_DEST_QUEUE".

- ✓ Click OK.

Setup   Logs   Help   Logout

Cluster Topology > Application Server: oracle.cvrhp1456.i-flex.com > OC4J: home > OracleAS JMS >

Add Destination

Cancel   OK

Destinations (queues or topics) can be added to the OracleAS JMS server.

Destination Type	Queue
* Destination Name	NOTIFY_DEST_QUEUE
Description	OGL Destination Queue
* JNDI Location	NOTIFY_DEST_QUEUE
Persistence File	NOTIFY_DEST_QUEUE

Path name of the file that serves as the persistent message store for this destination. If a relative path is specified, it is assumed to be relative to the jms persistence directory.

Cancel   OK

Setup | Logs | Help | Logout

6. The following screen is displayed.

- ✓ NOTIFY_DEST_QUEUE has been created

OracleAS JMS

Page Refreshed **May 30, 2006 5:11:26 PM GMT+05:30**

Home   **Destinations**   Connection Factories   Administration

Create New

Name △	Type	JNDI Location	Persistence File	Monitor Performance	Delete
Demo Queue	Queue	jms/demoQueue		📋	🗑
Demo Topic	Topic	jms/demoTopic		📋	🗑
jms/events	Queue	jms/events	/D:/Oracle10gAS/j2ee/home/persistence/home_default_group_1/scheduler_events	📋	🗑
jms/jobstore	Queue	jms/jobstore	/D:/Oracle10gAS/j2ee/home/persistence/home_default_group_1/scheduler_jobstore	📋	🗑
jms/notifications	Queue	jms/notifications	/D:/Oracle10gAS/j2ee/home/persistence/home_default_group_1/scheduler_notifications	📋	🗑
jms/Oc4jJmsExceptionQueue	Queue	jms/Oc4jJmsExceptionQueue	/D:/Oracle10gAS/j2ee/home/persistence/home_default_group_1/Oc4jJmsExceptionQueue	📋	🗑
jms/OracleSyndicateQueue	Queue	jms/OracleSyndicateQueue		📋	🗑
jms/OracleUddiReplicationQueue	Queue	jms/OracleUddiReplicationQueue		📋	🗑
jms/RAExceptionQueue	Queue	jms/RAExceptionQueue		📋	🗑
NOTIFY_DEST_QUEUE	Queue	NOTIFY_DEST_QUEUE	/D:/Oracle10gAS/j2ee/home/persistence/home_default_group_1/NOTIFY_DEST_QUEUE	📋	🗑
OC4J Domain Queue	Queue	jms/oc4jDomain	/D:/Oracle10gAS/j2ee/home/persistence/home_default_group_1/oc4jDomain	📋	🗑

Home   **Destinations**   Connection Factories   Administration

7. Create Connection Factories:

- ✓ Click on Administration → JMS Providers → Connection Factories

- ✓ The following screen is displayed.

- ✓ Click on "Create New".

ORACLE Enterprise Manager 10*g*
Application Server Control

Setup Logs Help Logout

OC4J: home >
OracleAS JMS

Page Refreshed **May 24, 2006 7:01:12 PM GMT+05:30**

| Home | Destinations | Connection Factories | Administration |

Create New

Domain	JNDI Location △	Edit Properties	Delete
queue	jms/OracleSyndicateQueueConnectionFactory		
queue	jms/OracleUddiReplicationQueueConnectionFactory		
unified	jms/sampleConnectionFactory		

| Home | Destinations | Connection Factories | Administration |

Setup | Logs | Help | Logout

Copyright © 1996, 2005, Oracle. All rights reserved.

8. We get the following screen.

Create an XA enabled Queue Connection factory (QCF).

- ✓ Select the Connection Factory Type as "Queue".

- ✓ Enter the JNDI name as "ADOGL_MDBQCF".

- ✓ Check the "XA Enabled" check box

- ✓ Click OK.

ORACLE®

ORACLE Enterprise Manager 10*g*
Application Server Control

Cluster Topology > Application Server: oracle.cvrhp1456.i-flex.com > OC4J: home > OracleAS JMS >

Add Connection Factory

Cancel   OK

New connection factories can be added to the OracleAS JMS server.

Connection Factory Type [Queue ▼]

* JNDI Location [ADOGL_MDBQCF]

Host [   ]
If not specified, this connection factory will use the host that's configured for the OracleAS JMS server.

Port [   ]
If not specified, this connection factory will use the port that's configured for the OracleAS JMS server.

Client Identifier [   ]
Used to identify connections created from this connection factory. Used only for durable subscriptions on topics.

☑ XA Enabled
Turn this on if this connection factory will support distributed transactions

ORACLE

FLEXCUBE UBS Oracle GL Adapter OracleASJMS Queues Creation Installation
[May] [2016]
Version 12.2.0.0.0

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
www.oracle.com/financialservices/