FLEXCUBE UBS Oracle GL Adapter Data Source Creation
Installation
Oracle FLEXCUBE Universal Banking
Release 12.2.0.0.0

[May] [2016]



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DataSource Creation Steps

1.1 **Password Encryption**

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.

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 %ORACLE_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.

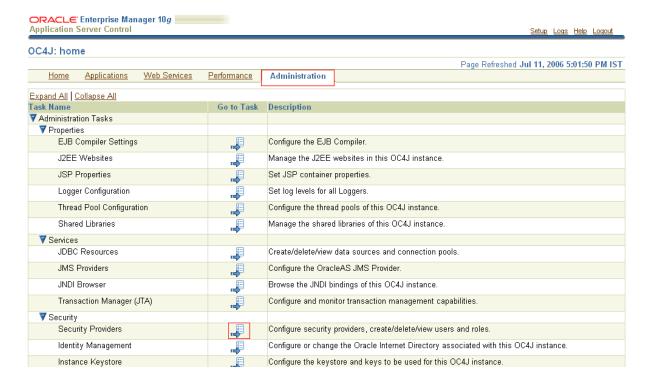
✓ Login to Administrative Console

Enter OC4J administrator username/password and press Login.

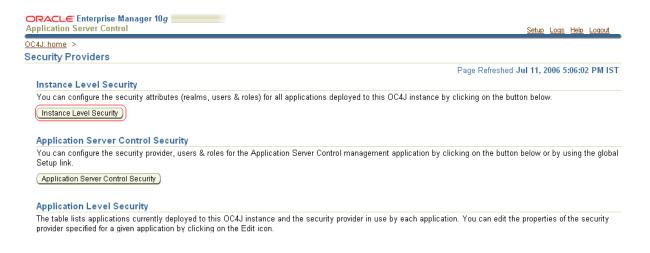


The database password needs to be encrypted for security reasons. Given below are the steps to encrypt the DB password:

- 1. Navigate to the OC4J Home Page.
 - ✓ Click "Administration".
 - ✓ Click the Go to Task icon in the **Security Providers** row of the Administration Task table.



- 2. The following screen is displayed.
 - ✓ To configure roles and users for the default application, click Instance Level Security.



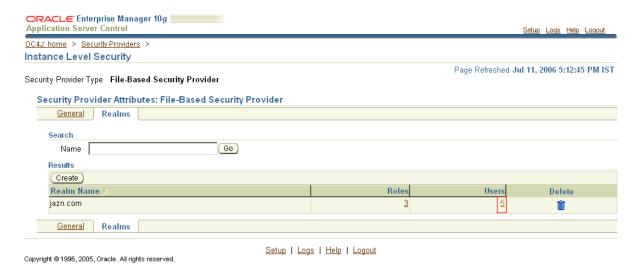
- 3. The following screen is displayed.
 - Click Realms to display the Realms page.



4. The following screen is displayed.

The Realms page includes a table containing the defined realms for the selected security provider. The table contains a column that shows the number of users and roles defined for each realm.

✓ To configure the users for a realm, click the number in the Users column.



- **5.** The following screen is displayed.
 - ✓ Click Realms to display the Realms page.



- **6.** The following screen is displayed.
 - Enter the actual Database user name.
 - Enter the actual Database password.
 - Confirm the DB password.
 - ✓ Click "Move All" to move all the Available Roles to the Selected Roles box.
 - Click OK.



7. The following screen displays the User names:

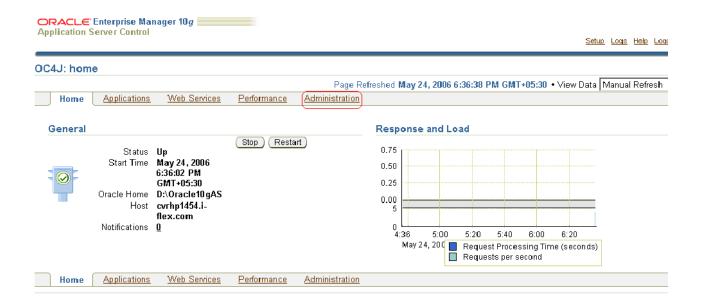


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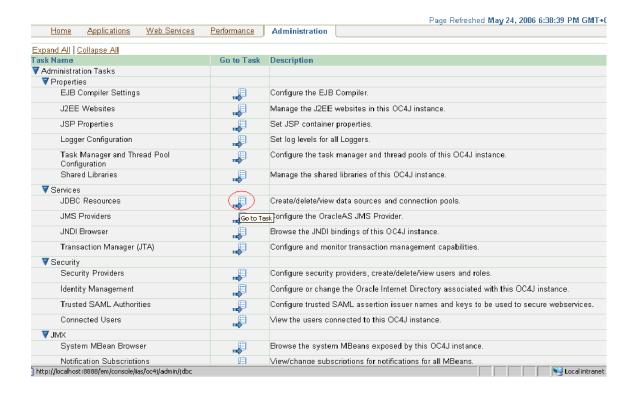
Setup | Logs | Help | Logout

1.2 **Connection Pool Creation**

1. Navigate to the "Administration screen" as shown below.

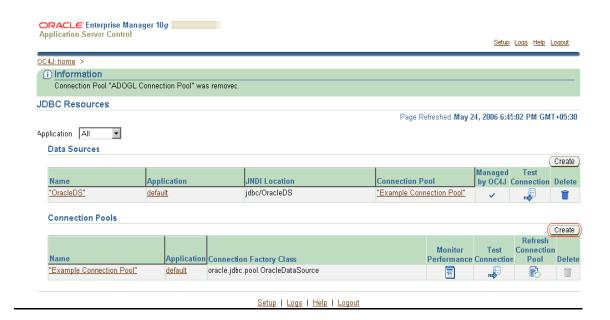


- 2. The following screen is displayed.
 - ✓ Go to "JDBC Resources" Task.



3. The following screen is displayed: Create a Connection Pool

✓ Click on "Create".

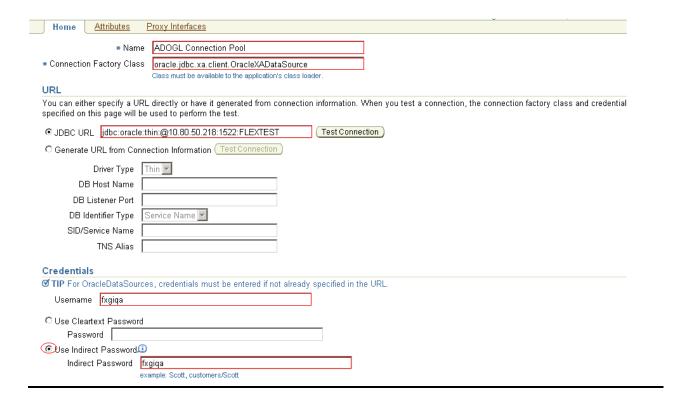


- 4. We get the following screen.
 - Select "default" Application
 - ✓ Click "Continue".



5. The following screen is displayed.

- ✓ Enter the connection Pool name: ADOGL Connection Pool
- ✓ Enter the Connection factory Class: oracle.jdbc.xa.client.OracleXADataSource
- ✓ Enter the URL: e.g.: jdbc:oracle:thin:@10.80.50.218:1522:FLEXTEST
- **Enter the Username to** the database instance we need to connect
- Select "Use Indirect Password" .Enter the username again as the password.
- ✓ Select Finish



8. Test the Database Connection

(i) After creating the ADOGL Connection Pool.

- Go to Administration -> JDBC Resources
- ✓ Click on "Test Connection" in the ADOGL Connection Pool row.



- (ii) The following screen is displayed.
 - Click Test.

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- (iii) The following screen is displayed.
 - Ensure the connection is established successfully.

oracle.jdbc.pool.OracleDataSource

oracle.jdbc.pool.OracleDataSource

oracle.jdbc.pool.OracleDataSource

"ADOGL Connection Pool"

"Example Connection Pool"

"FCUBS Gateway Connection Pool" default

default

default

B

B

B

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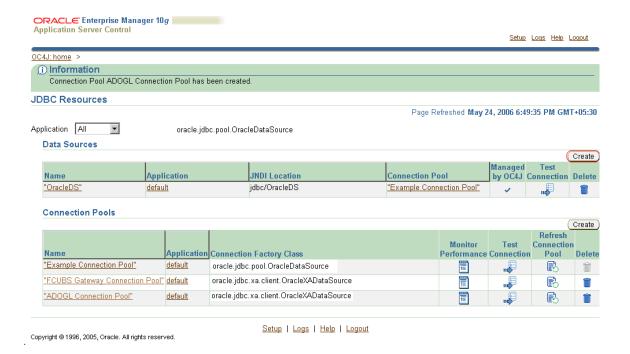
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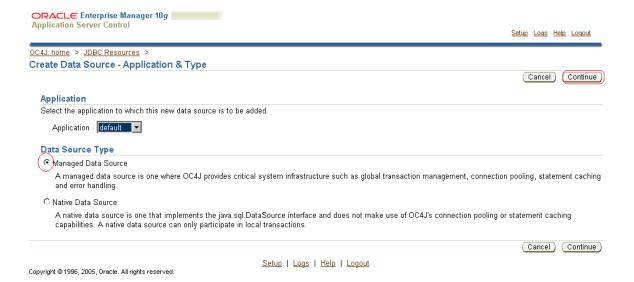
1.3 **Data Source Creation**

1. Create Data Source

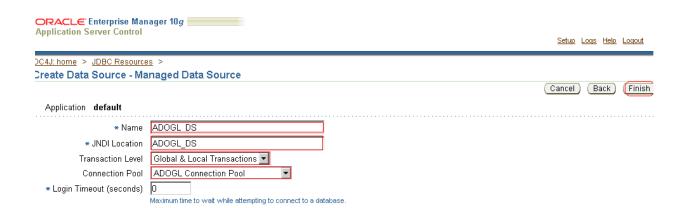
- Go to Administration -> JDBC Resources
- Click on "Create".



- 2. The following screen is displayed.
 - Select default Application.
 - Click on "Continue".

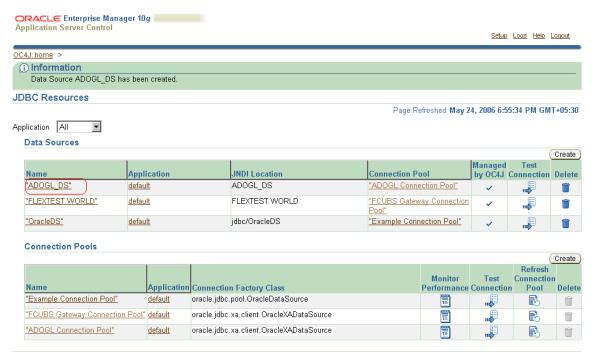


- 3. The following screen is displayed.
 - ✓ Enter the DataSource Name
 - ✓ Enter the JNDI Location
 - Enter the Transactional Level Global & Local Transactions
 - Select the corresponding Connection Pool Name
 - Click Finish



6. The following screen is displayed.

Ensure "ADOGL_DS" has been created.



Setup | Logs | Help | Logout

All the data sources are created. Go to the home page.



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