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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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

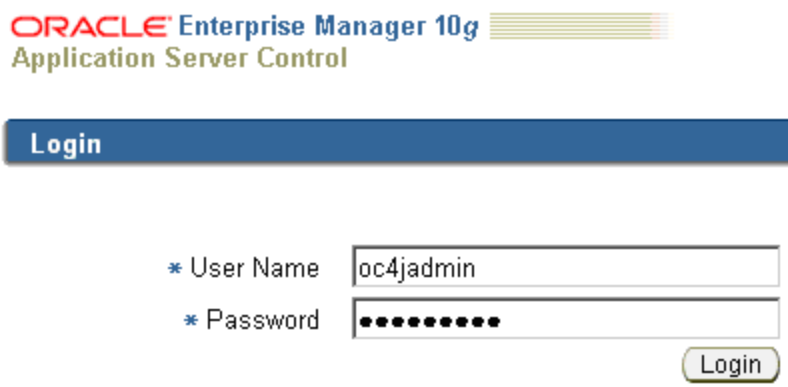
- ✓ Open an internet browser and type the OC4J Admin Console URL Address of the server.

  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

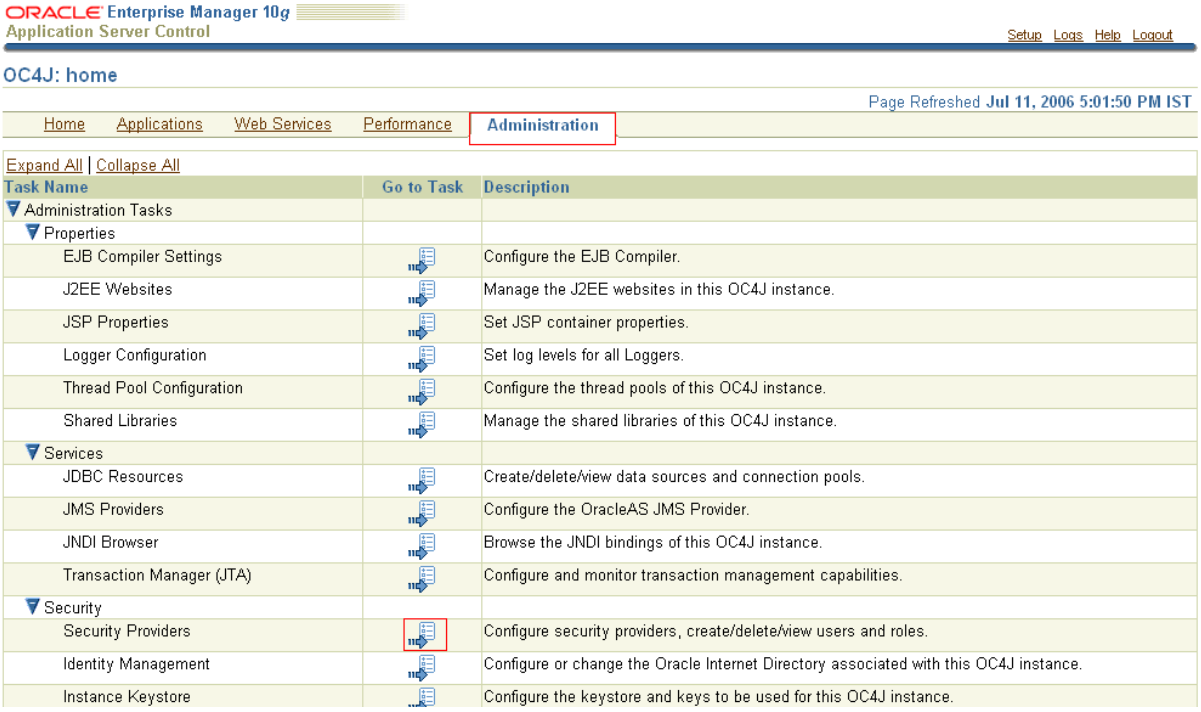
  Enter OC4J administrator username/password and press **Login**.



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

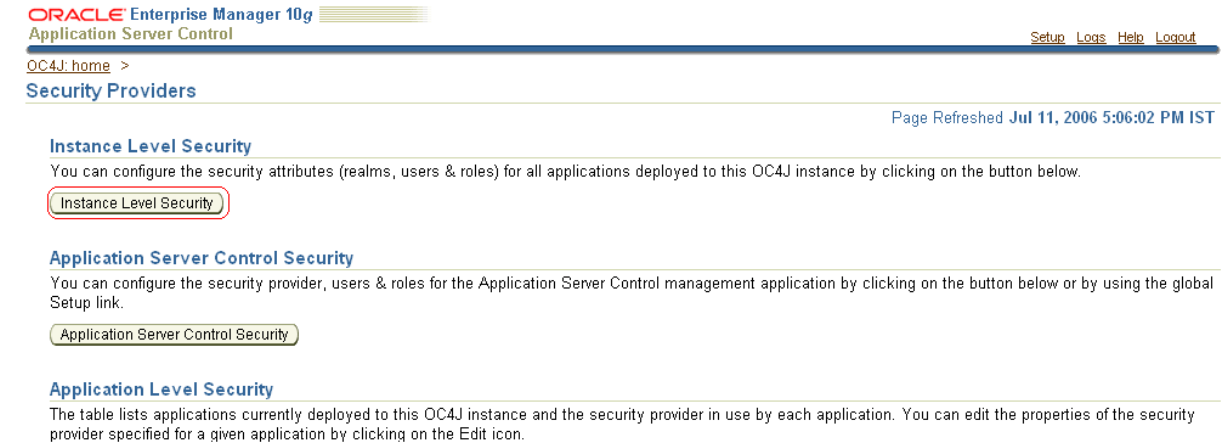
1. Navigate to the OC4J Home Page.

- ✓ Click **"Administration".**
- ✓ Click the Go to Task icon in the **Security Providers** row of the Administration Task table.



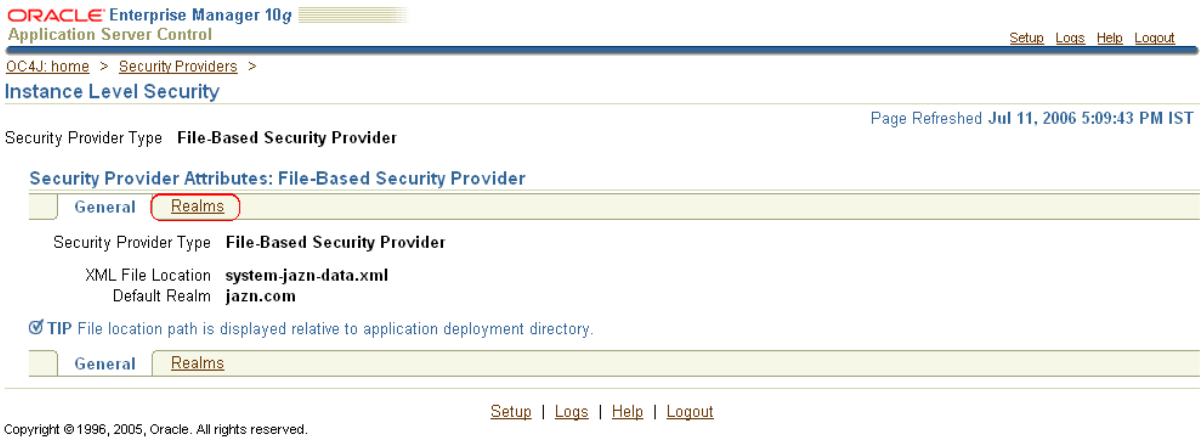
2. The following screen is displayed.

   ✓ To configure roles and users for the default application, click **Instance Level Security**.



3. The following screen is displayed.

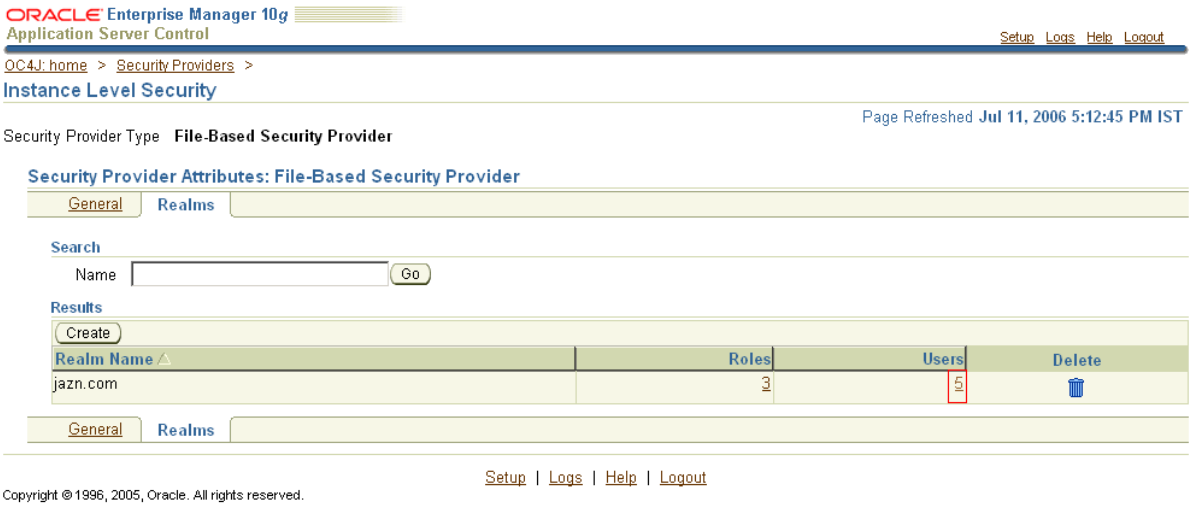
   ✓ Click **Realms** to display the Realms page.



4. The following screen is displayed.

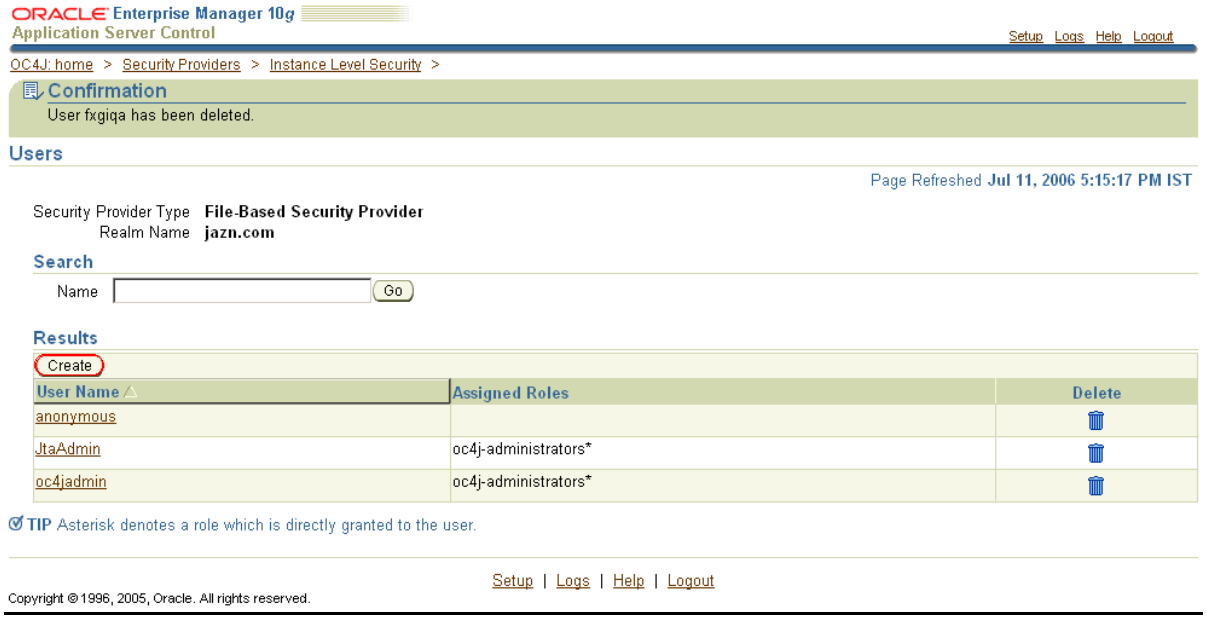
The Realms page includes a table containing the defined realms for the selected security provider. The table contains a column that shows the number of users and roles defined for each realm.

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



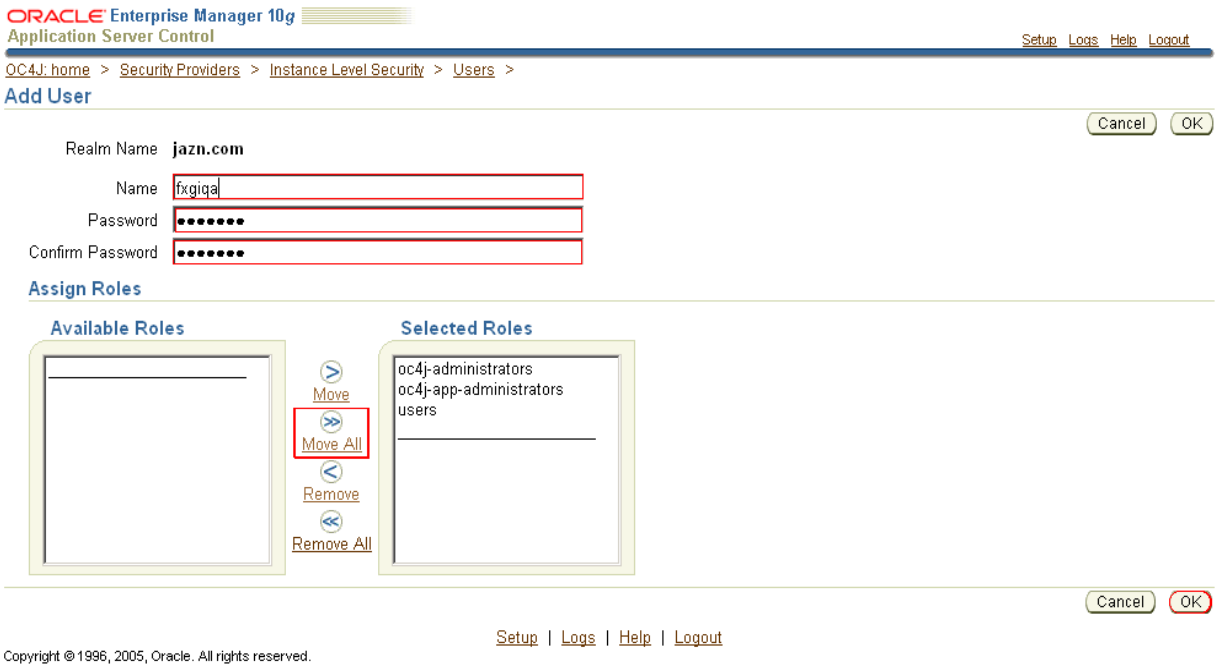
5. The following screen is displayed.

✓ Click **Realms** to display the Realms page.

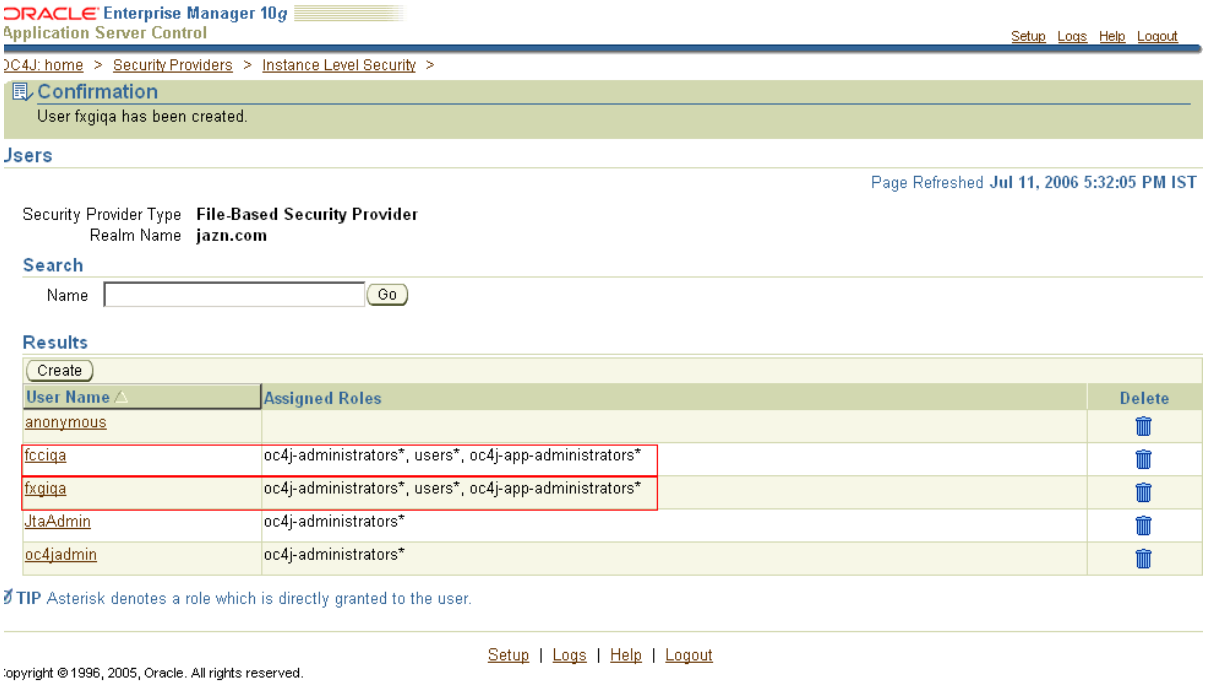


6. The following screen is displayed.

- ✓ 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:


ORACLE Enterprise Manager 10g
Application Server Control
Setup Logs Help Logout
OC4J: home > Security Providers > Instance Level Security >
Confirmation
User fxgiqa has been created.
Users
Page Refreshed Jul 11, 2006 5:32:05 PM IST
Security Provider Type File-Based Security Provider
Realm Name jazn.com
Search
Name
Go
Results
Create
User Name
Assigned Roles
Delete
anonymous
fcciqa
oc4j-administrators*, users*, oc4j-app-administrators*
fxgiqa
oc4j-administrators*, users*, oc4j-app-administrators*
JtaAdmin
oc4j-administrators*
oc4jadmin
oc4j-administrators*
TIP Asterisk denotes a role which is directly granted to the user.
Setup | Logs | Help | Logout
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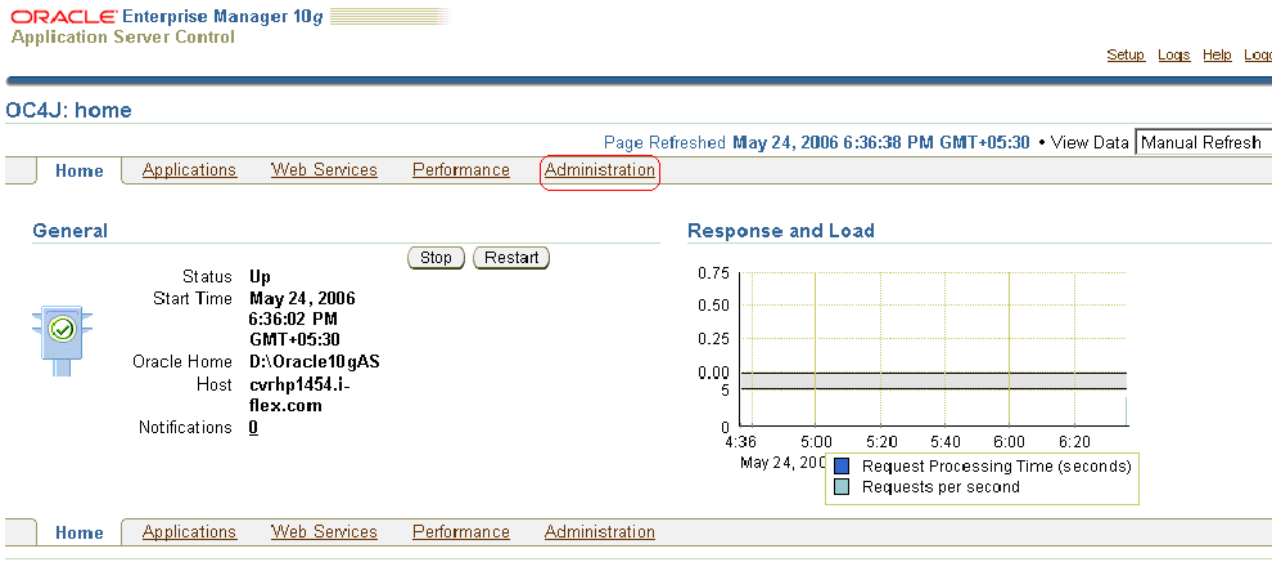
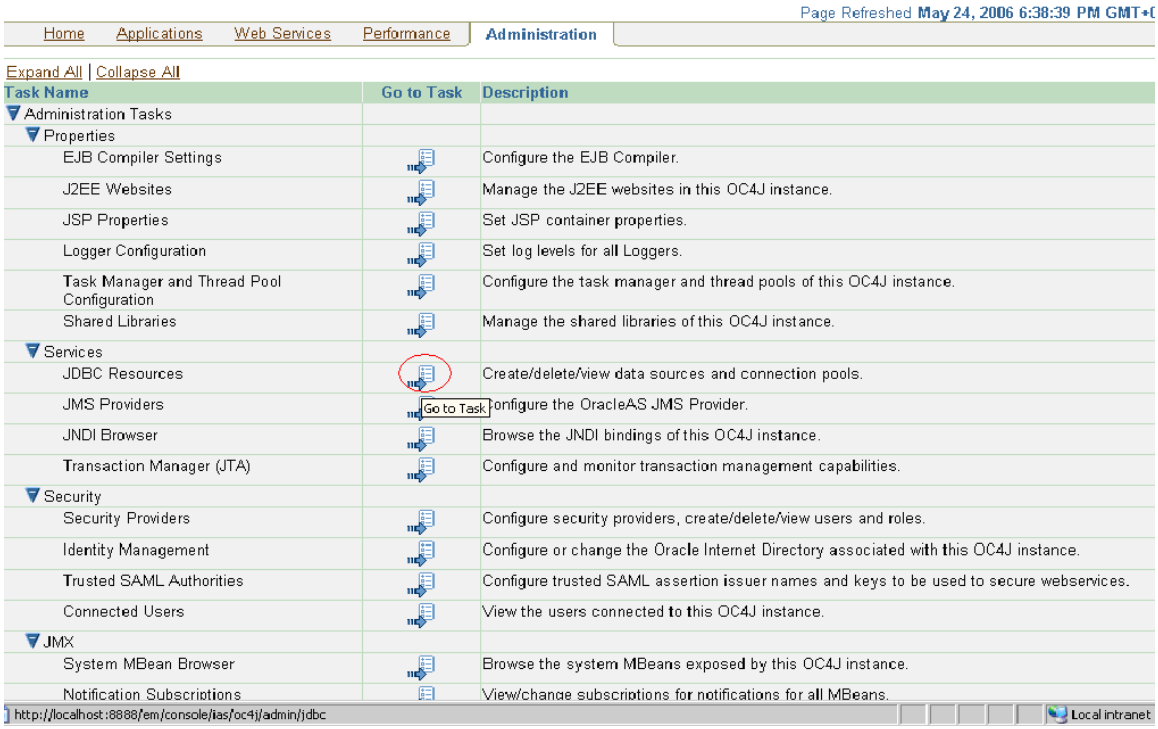
1.2 Connection Pool Creation

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



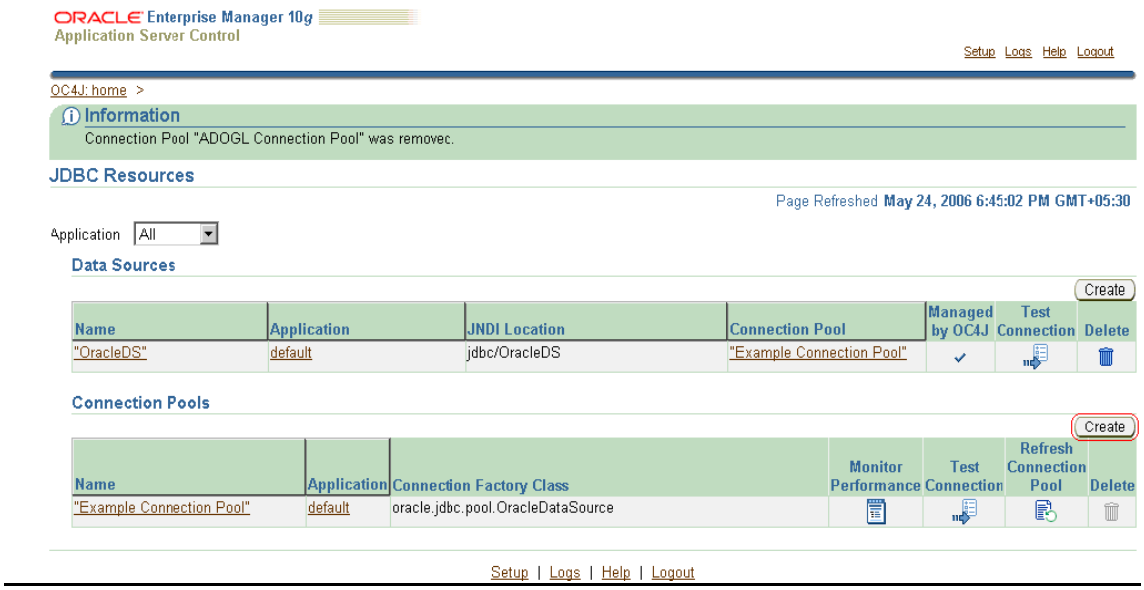
2. The following screen is displayed.

   ✓ Go to **"JDBC Resources"** Task**.**



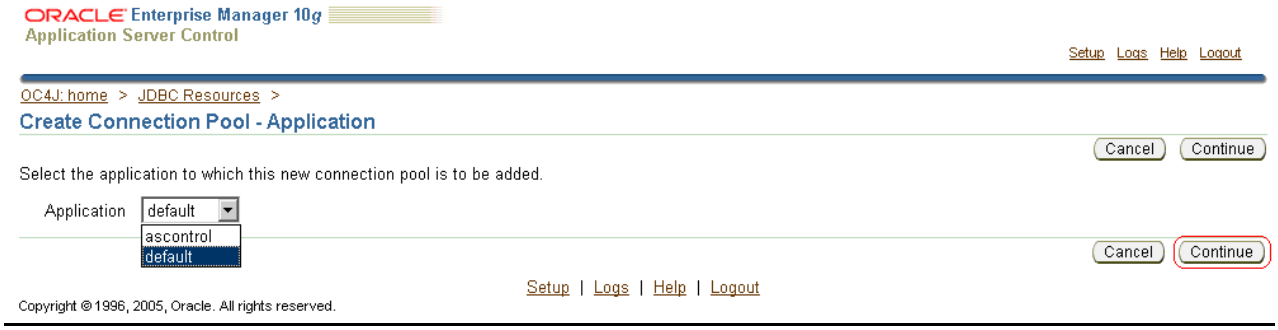
3. ***The following screen is displayed: Create a Connection Pool***

- ✓ ***Click on** "Create".*



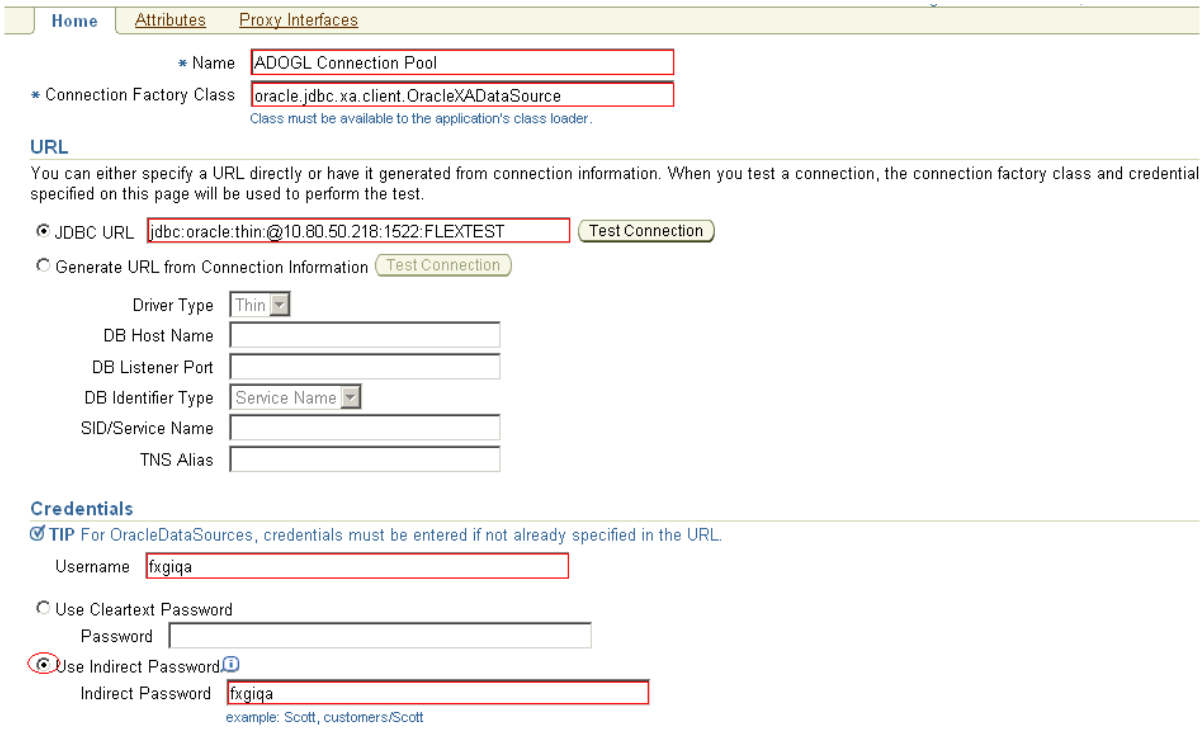
4. ***We get the following screen.***

   - ✓ ***Select "default" Application***
   - ✓ ***Click "Continue".***



5. ***The following screen is displayed.***

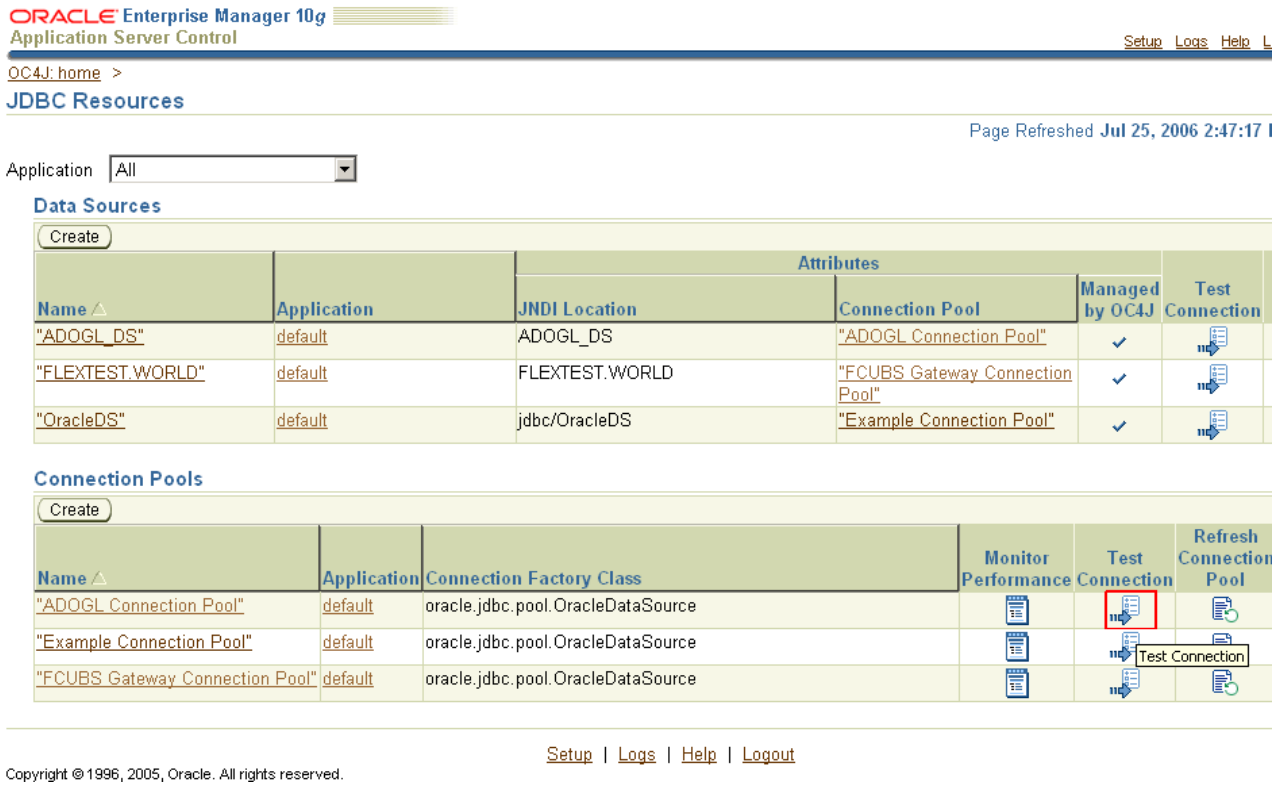
   - ✓ ***Enter the connection Pool name: ADOGL Connection Pool***
   - ✓ ***Enter the Connection factory Class :*** oracle.jdbc.xa.client.OracleXADataSource
   - ✓ ***Enter the URL : e.g.: jdbc:oracle:thin:@10.80.50.218:1522:FLEXTEST***
   - ✓ ***Enter the Username to*** the database instance we need to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



8. Test the Database Connection

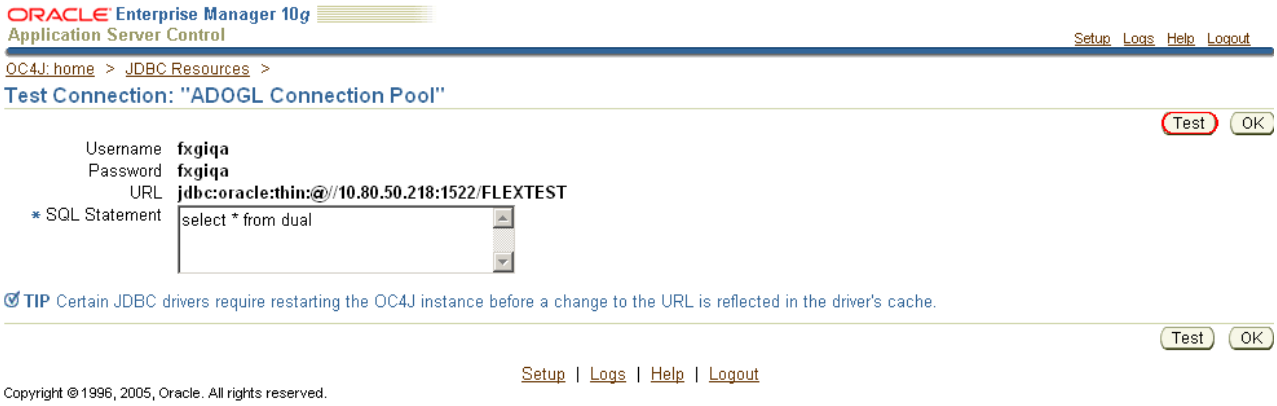
(i)After creating the ADOGL Connection Pool.

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



(ii) The following screen is displayed.

✓ Click Test.



(iii) The following screen is displayed.

✓ Ensure the connection is established successfully.

ORACLE Enterprise Manager 10g
Application Server Control

Setup Logs Help Logout

OC4J: home >

Confirmation

Connection to "ADOGL Connection Pool" established successfully.

JDBC Resources

Page Refreshed **Jul 25, 2006 2:51:05 PM IST**

Application default

Data Sources

Create

Name	Application	Attributes		Managed by OC4J	Test Connection	Delete
		JNDI Location	Connection Pool			
"ADOGL_DS"	default	ADOGL_DS	"ADOGL Connection Pool"	✓		
"FLEXTEST.WORLD"	default	FLEXTEST.WORLD	"FCUBS Gateway Connection Pool"	✓		
"OracleDS"	default	jdbc/OracleDS	"Example Connection Pool"	✓		

Connection Pools

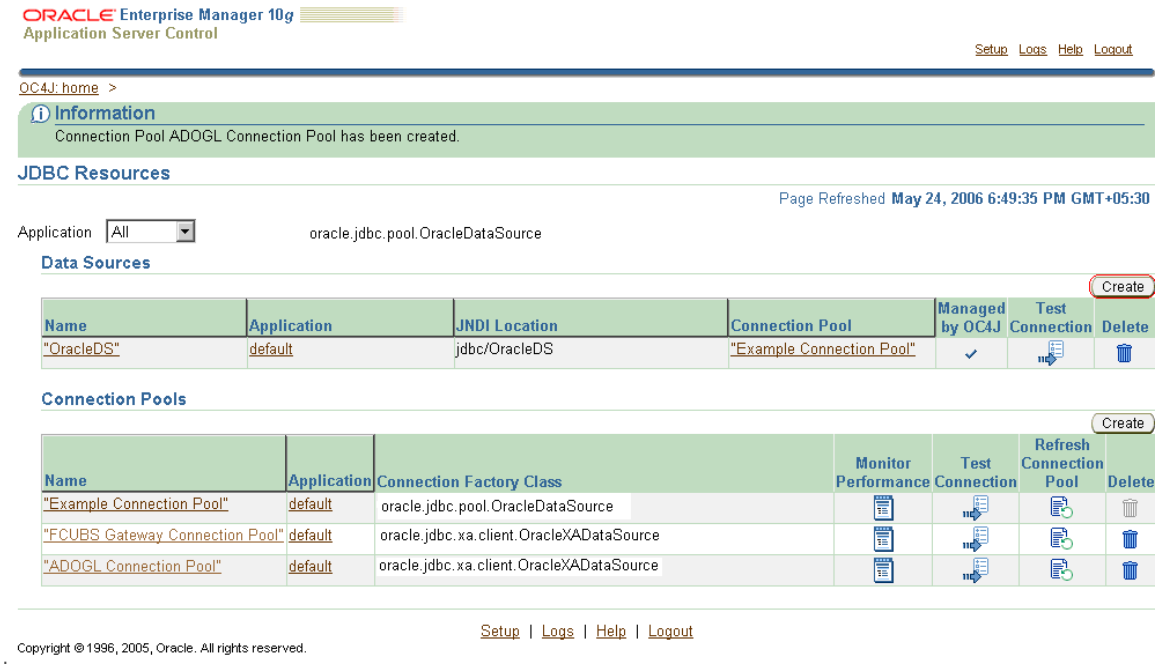
Create

Name	Application	Connection Factory Class	Monitor Performance	Test Connection	Refresh Connection Pool	Delete
"ADOGL Connection Pool"	default	oracle.jdbc.pool.OracleDataSource				
"Example Connection Pool"	default	oracle.jdbc.pool.OracleDataSource				
"FCUBS Gateway Connection Pool"	default	oracle.jdbc.pool.OracleDataSource				

1.3 Data Source Creation

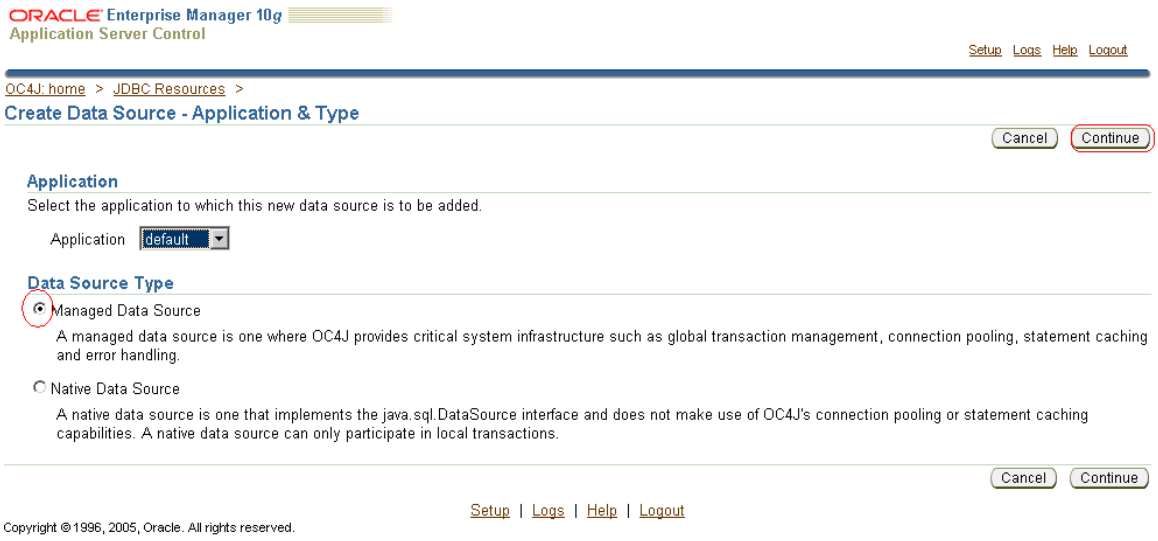
1. Create Data Source

- ✓ Go to Administration **-> JDBC Resources**
- ✓ Click on “Create”.



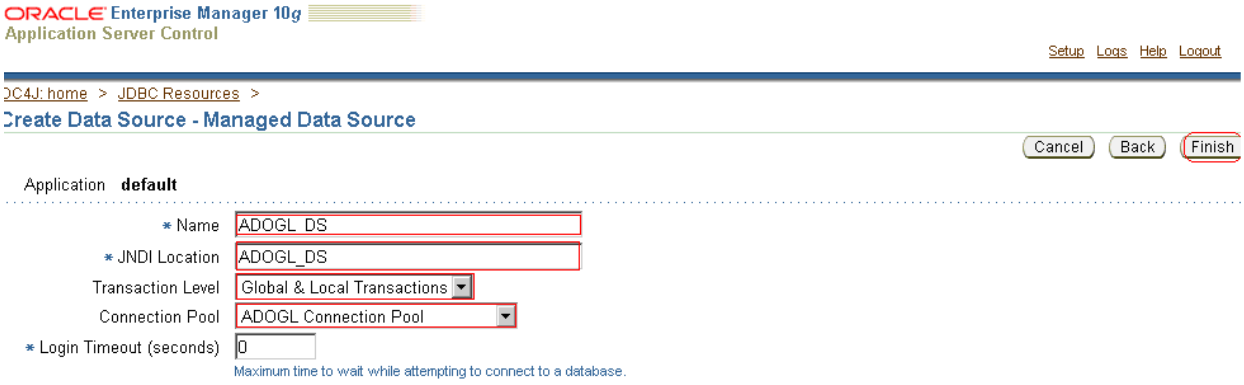
2. The following screen is displayed.

- ✓ Select default Application.
- ✓ Click on “Continue”.



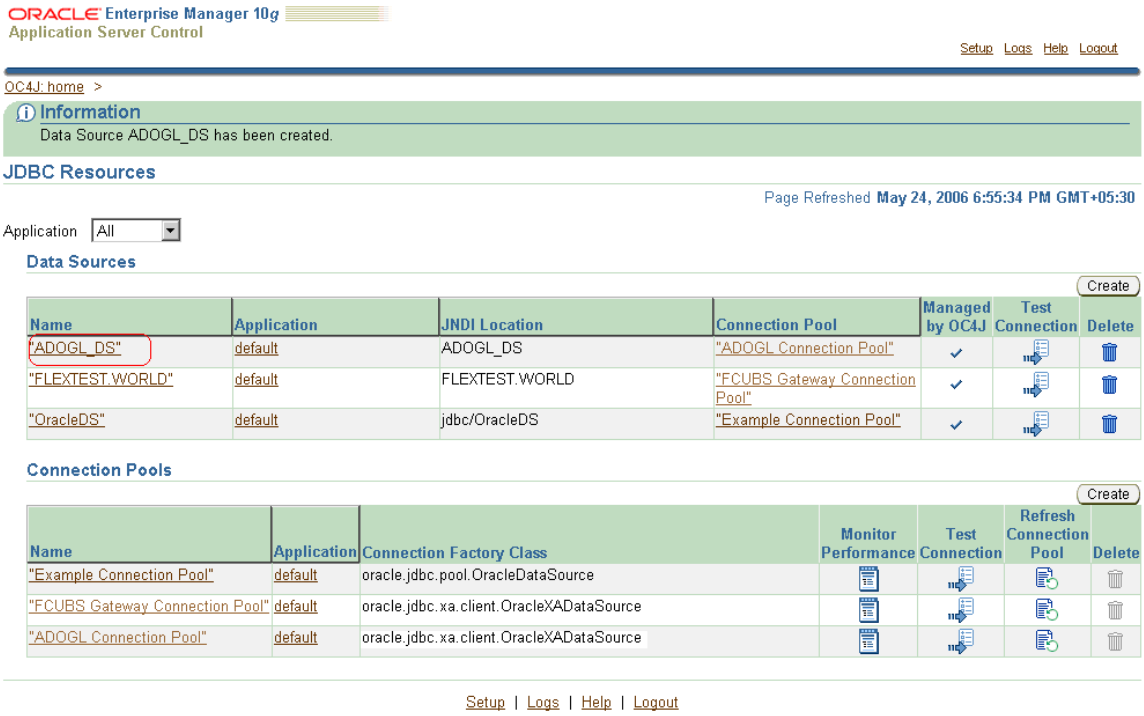
3. The following screen is displayed.

- ✓ 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.



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

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