

Gateway Application Deployment in Weblogic

Oracle FLEXCUBE Investor Servicing

Release 14.7.2.0.0

[May] [2023]



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# Table of Contents

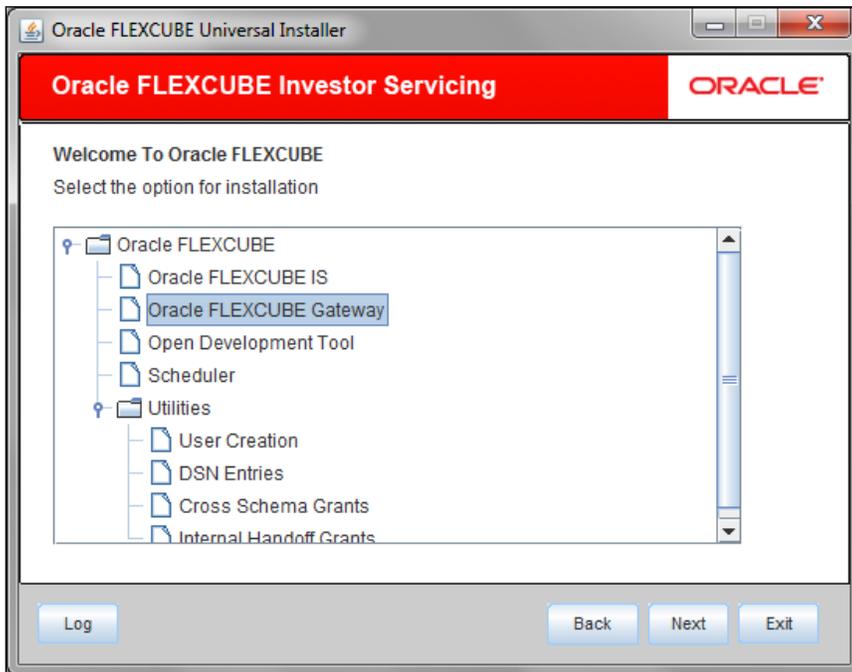
- 1. GATEWAY APPLICATION FULL DEPLOYMENT ..... 1-1**
  - 1.1 GATEWAY EJB APPLICATION FULL DEPLOYMENT ..... 1-1
  - 1.2 GATEWAY MDB APPLICATION FULL DEPLOYMENT ..... 1-10
  - 1.3 GATEWAY HTTP SERVLET APPLICATION FULL DEPLOYMENT ..... 1-19
  - 1.4 GATEWAY WEBSERVICES APPLICATION FULL DEPLOYMENT ..... 1-25

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# 1. Gateway Application Full Deployment

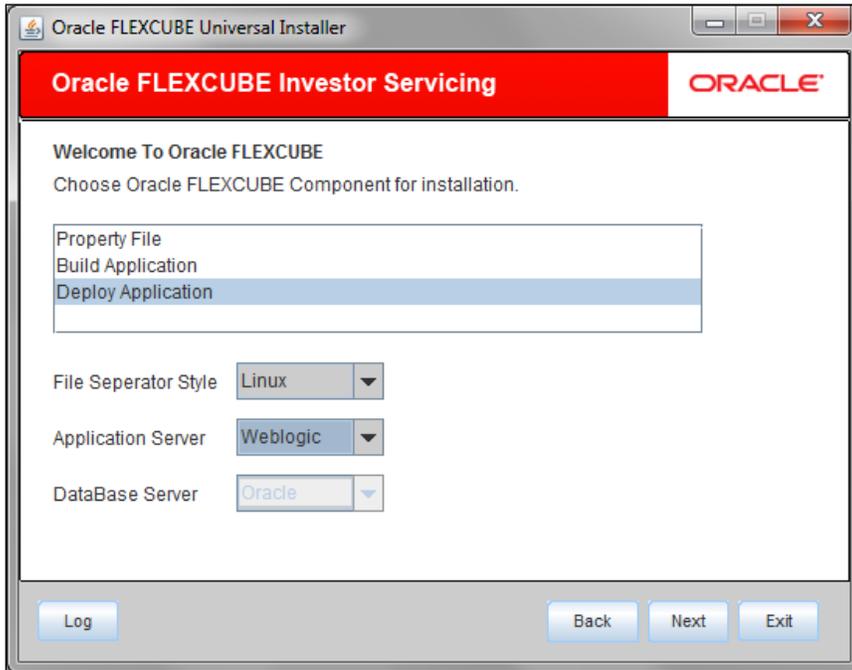
## 1.1 Gateway EJB Application Full Deployment

1. Launch Oracle FLEXCUBE Investor Servicing Installer.
2. Click on “Next” to display the screen below.

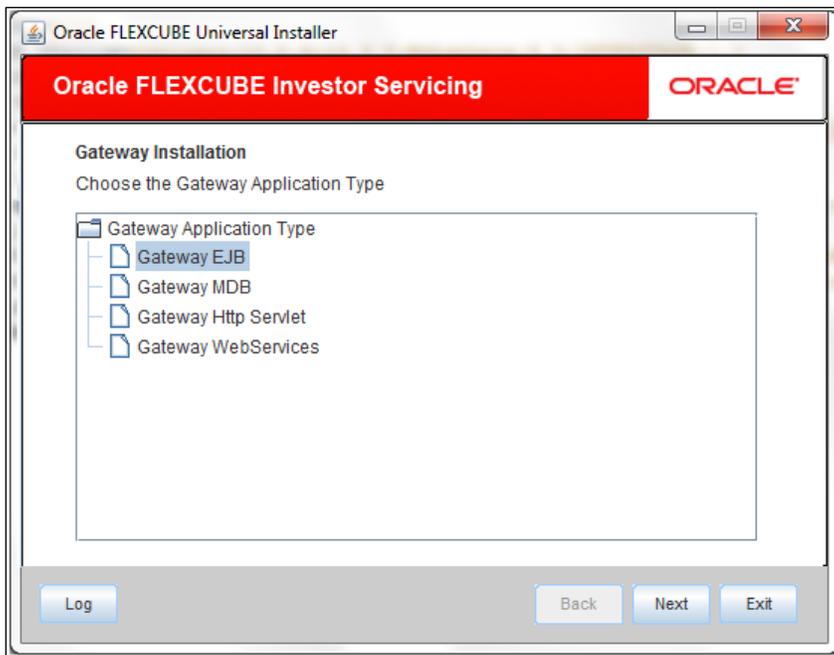


3. Select “Gateway”.

4. Click on “Next” to display the screen below.



5. Select “Deploy Application”.
6. Choose the appropriate Server’s Operating System from the drop-down.
7. Choose “Weblogic” from the Application Server drop-down.
8. Click on “Next” to display the screen below.



9. Select 'Gateway EJB' and click 'next', the following screen will be displayed.

| Name                  | Value       |
|-----------------------|-------------|
| Admin IP              | 10.10.10.10 |
| Admin Port            | 1111        |
| Admin Username        | <user_name> |
| Server Admin Password | *****       |

10. Provide the following details

**Admin IP**

Provide host address of admin server.

**Admin Port**

Provide port number of weblogic server.

**Admin UserName**

Please provide the appropriate Admin Username of the weblogic application server.

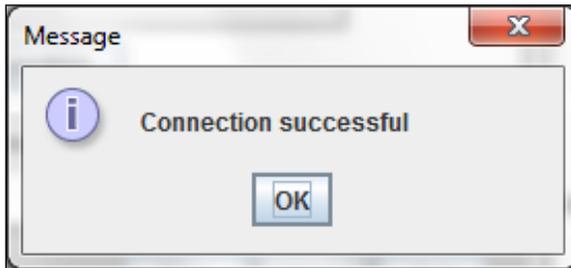
**Admin Password**

Please provide the appropriate Admin Password of the weblogic application server.

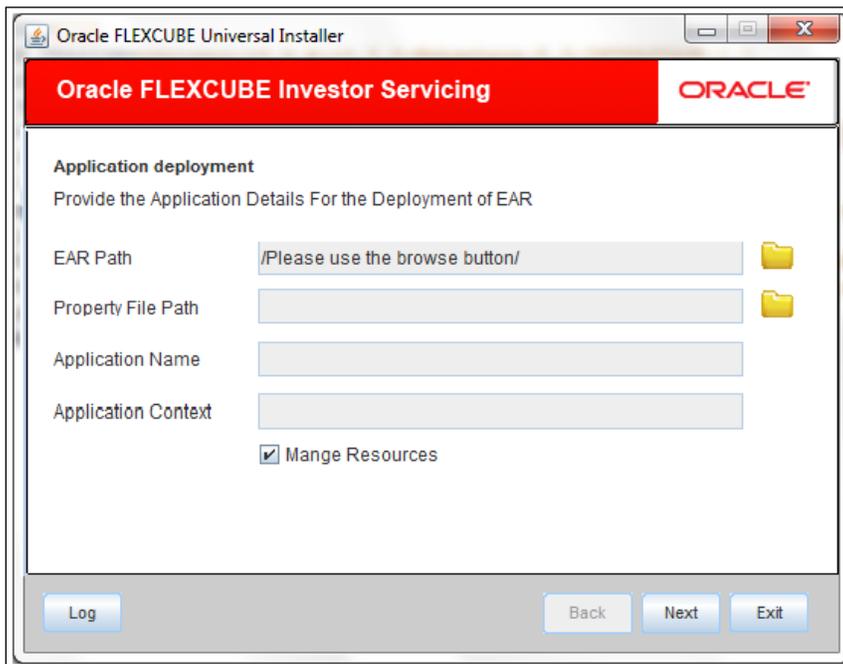
**Type of Deployment**

Choose "Full Deployment".

11. Click on “Test Connection” to test the connection with the application server. On successful connection, the following message will be displayed.



12. Click on “OK” and click on “Next” to display the screen below.



13. Provide the following details

### **EAR Path**

Select the application EAR to be deployed using the browse button.

Note: The Application EAR path cannot be copied and pasted on to the text box, thereby demanding the use of the browse button to select the EAR.

### **Property File Path**

Please select the appropriate path to the external properties file.

If the properties file is internal to the application EAR, it would be fetched on selection of the EAR and will be in a non-editable state.

### **Application Name**

Application Name would be fetched on selection of the EAR and will be in a non-editable state.

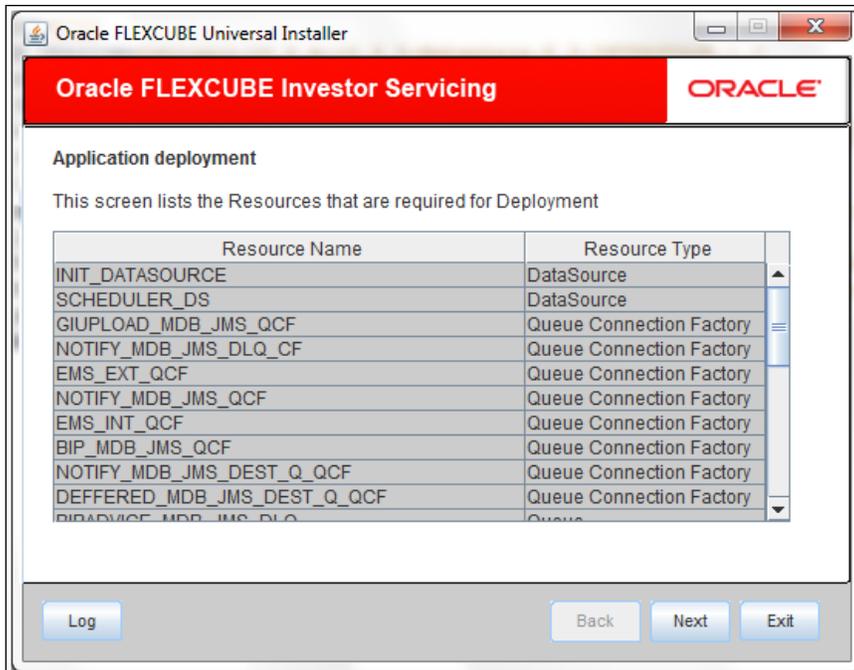
## Application Context

Application Context would be fetched on selection of the EAR and will be in a non-editable state.

## Manage Resources

Select this box if resources are to be created along with deployment.

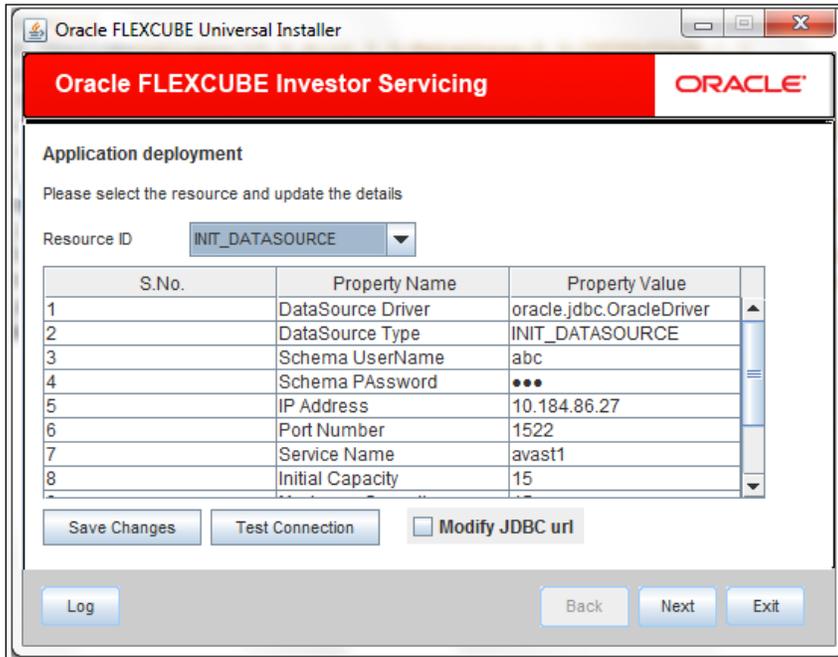
14. Click on “Next”. If “Manage Resources” is checked then below screen shown otherwise skip to “Server Environment details for Deployment”.



15. The current screen shows a list of resources that will be created and their type.

The screen provides a read only list of resources.

16. Click on Next. The following screen will be displayed.



17. Provide the following details

**Resource ID:** Contains a list of data sources that are to be created.

The below table provides an option to take some basic values for the data source.

**DataSource Driver:** specified the jdbc driver url with which the connection is established.

Ex: oracle.jdbc.OracleDriver for Non-XA datasources

**DataSource Type:** specifies the type of datasource that is to be created, XA or Non-XA.

**Schema Username:** specified the username of the schema to which the connection is established.

**Schema Paasword:** specifies the password of the schema.

**IP Address:** specifies to provide the host address of the scema.

**Port Number:** provide the port number of schema.

**Service Name:** provide the schema name.

**Initial Capacity:** The number of physical connections to create when creating the connection pool in the data source

**Maximum Capacity:** The maximum number of physical connections that this connection pool can contain.

**Capacity Increment:** The increment by which this JDBC connection pool's capacity is expanded.

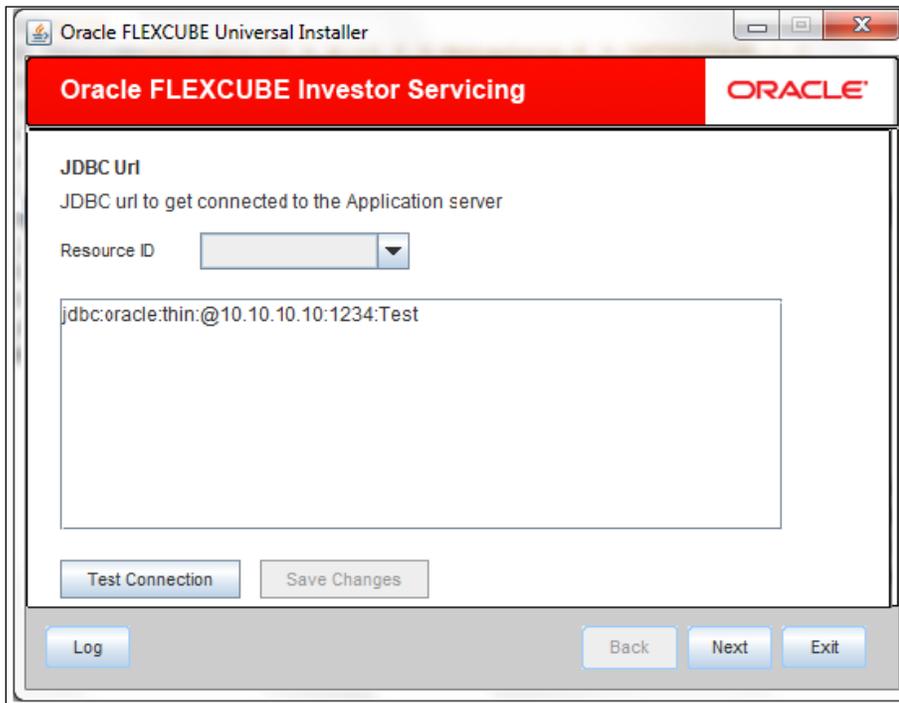
**Shrink Frequency:** The number of seconds to wait before shrinking a connection pool that has incrementally increased to meet demand.

**Connection Reserve Timeout:** The number of seconds after which a call to reserve a connection from the connection pool will timeout.

- **Save changes:** On click of this saves the values provided In the table against corresponding value of Resource ID.
- **Test Connection:** On click of this it will try to establish connection with required details provided in the table.

Click on 'Next' to get the following screen.

- **Modify JDBC URL:** Select modify JDBC URL for modifying the JDBC URL.  
If 'Modify JDBC URL' is selected, the following screen will be displayed.



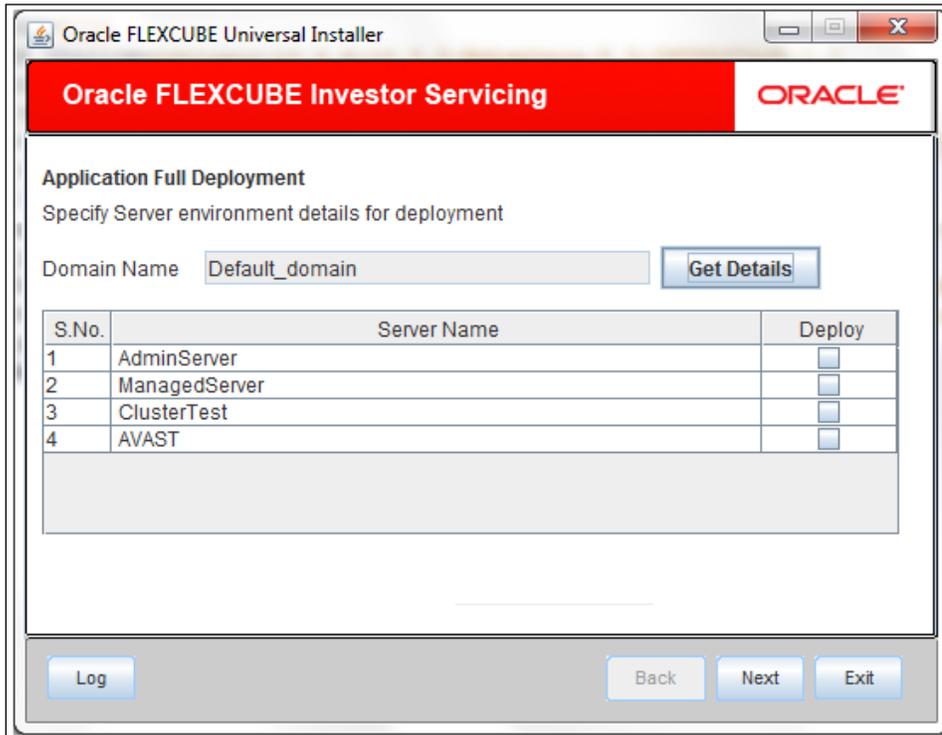
**Resource ID:** It provides the list of all the data sources created. Select the data source for which the JDBC url needs to be modified.

**Note:** The URL generated from the previous screen will be displayed here. If the user wants to change the URL, it can be changed in the present screen.

**Test Connection:** Click 'Test Connection' to check the connection using the changed URL, If the URL changed is correct the connection will be success.

**Save Changes:** Click on 'Save Changes' fo4r saving the changed JDBC URL

Click 'Next', the following screen will be displayed.

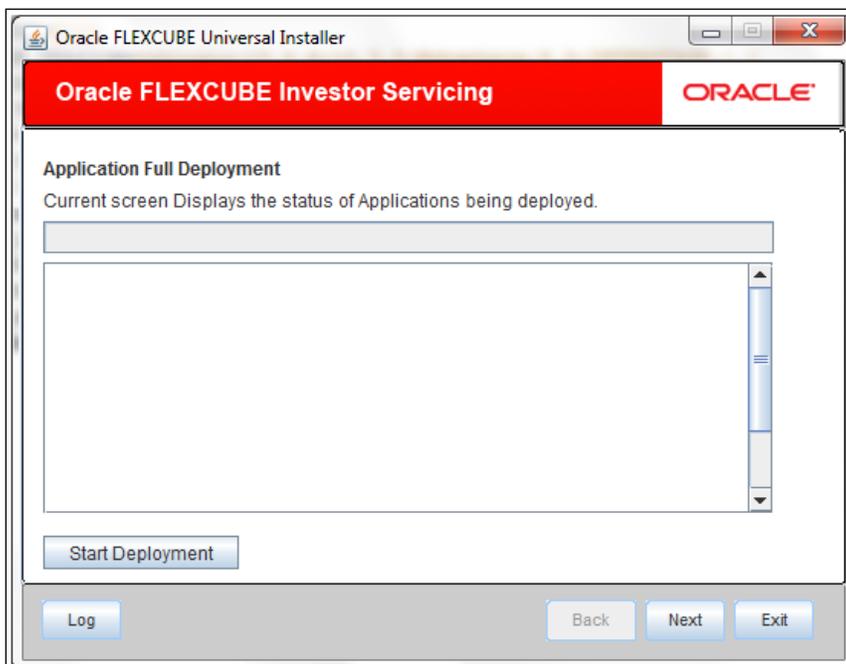


The **Domain Name** shows the weblogic domains name.

- On click of '**Get Details**', the list of available servers are displayed in the table.

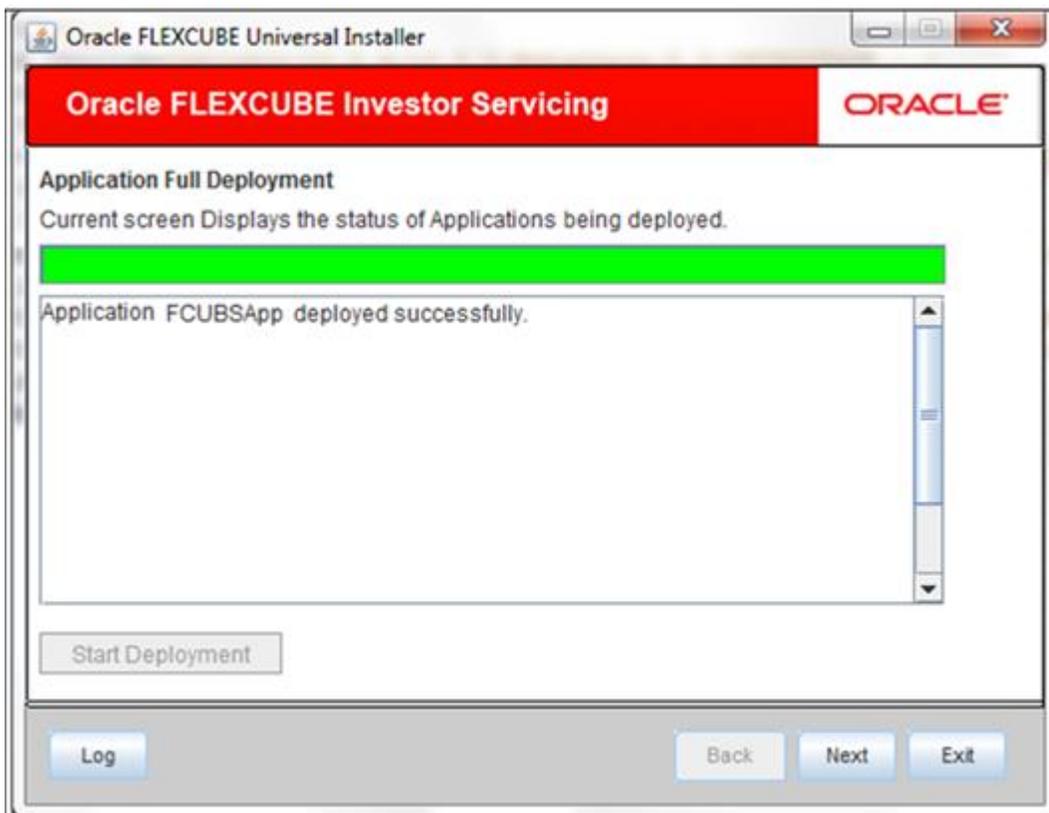
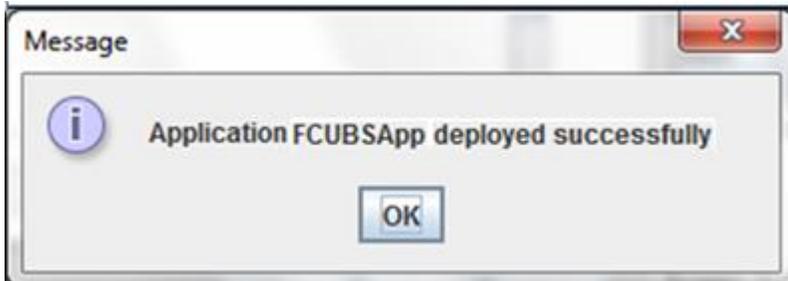
**Atleast one** server should be selected to proceed to next screen.

- Click on "Next" to display the screen below.

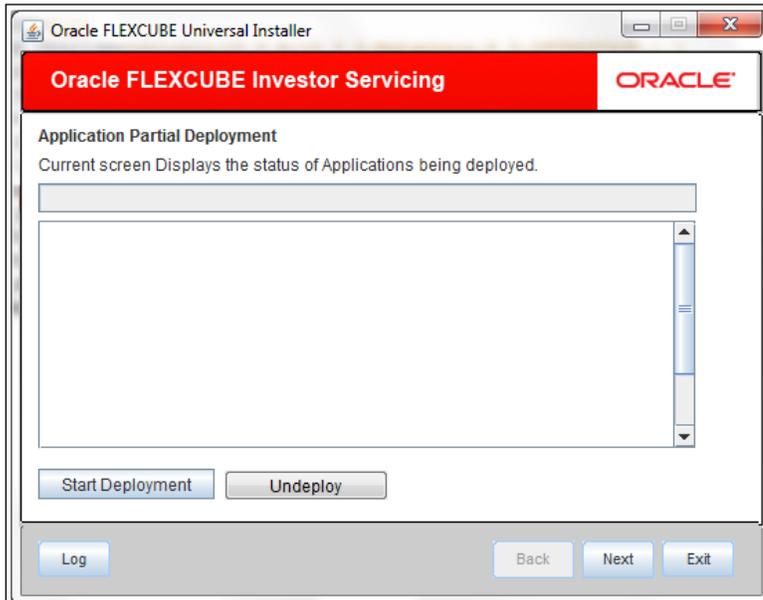


- Click on **“Start Deployment”** to begin the process of application deployment.

On successful deployment, you will get the following message and the screen is expected to look like below.



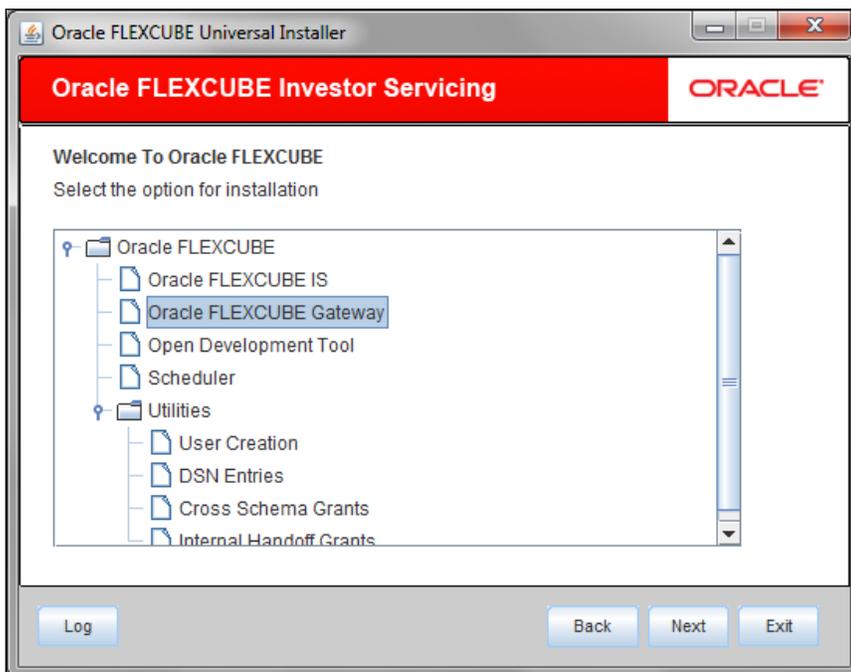
If the deployment is not successful, the 'Undeploy' button will be enabled.



18. Click 'Undeploy' for undeploying the partially deployed EAR from the server.

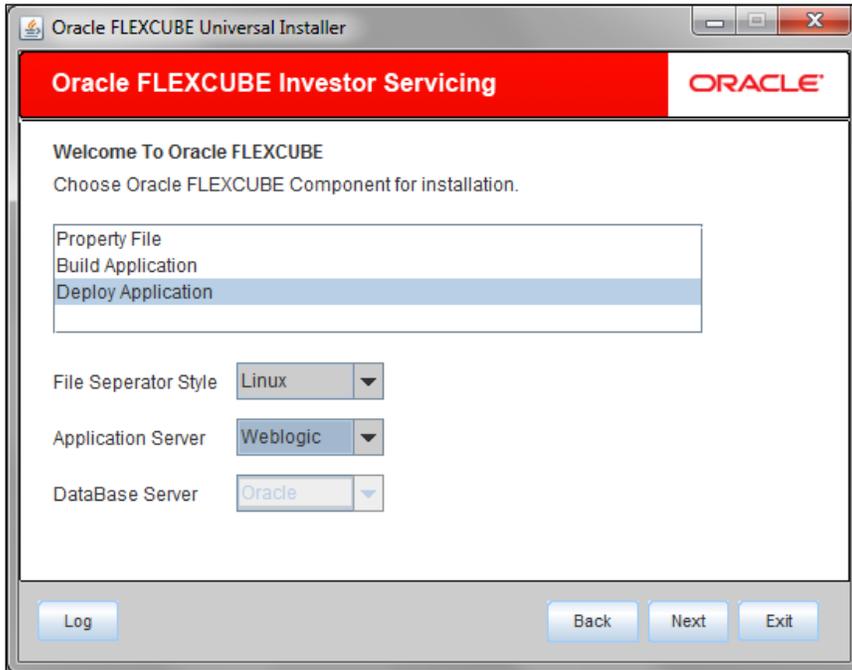
## 1.2 Gateway MDB Application Full Deployment

1. Launch Oracle FLEXCUBE Investor Servicing Installer.
2. Click on "Next" to display the screen below.

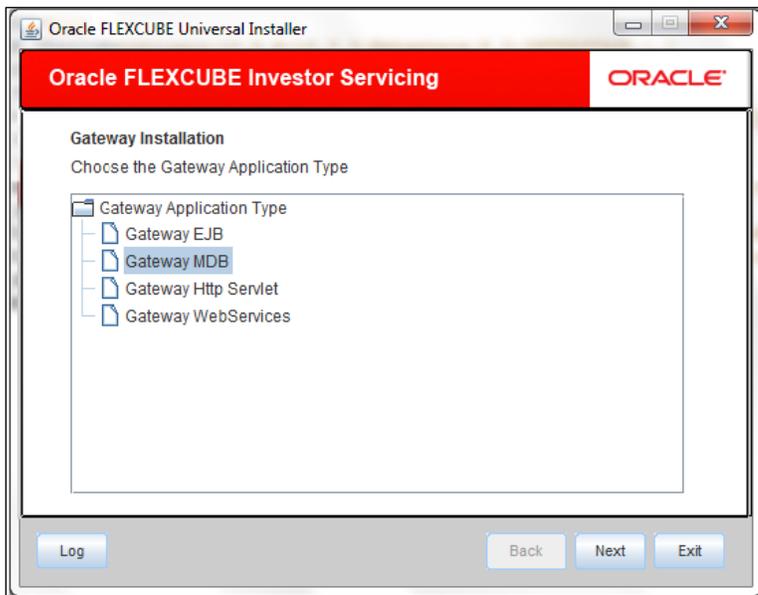


3. Select "Gateway".

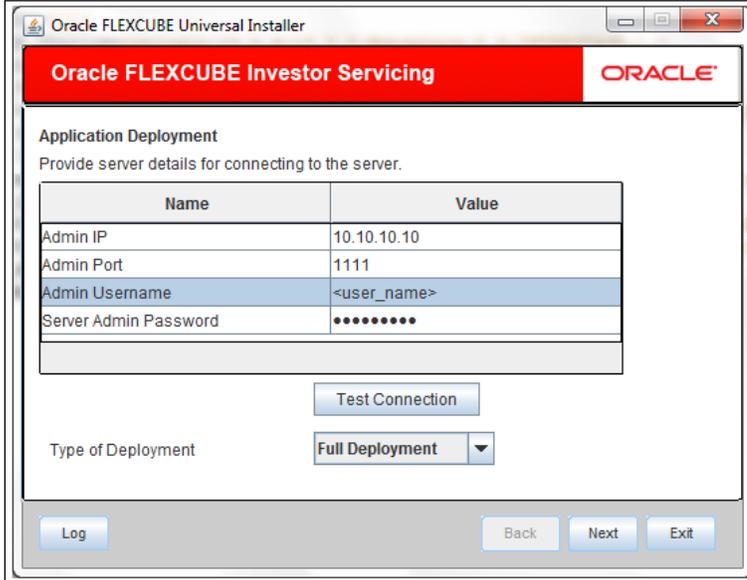
4. Click on “Next” to display the screen below.



5. Select “Deploy Application”.
6. Choose the appropriate Server’s Operating System from the drop down.
7. Choose “Weblogic” from the Application Server drop-down.
8. Click on “Next” to display the screen below.



9. Select 'Gateway MDB' and click 'next', the following screen will be displayed.



10. Provide the following details

**Admin IP**

Provide host address of admin server.

**Admin Port**

Provide port number of weblogic server.

**Admin UserName**

Please provide the appropriate Admin Username of the weblogic application server.

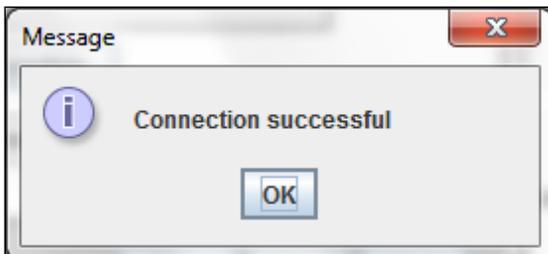
**Admin Password**

Please provide the appropriate Admin Password of the weblogic application server.

**Type of Deployment**

Choose "Full Deployment".

11. Click on "Test Connection" to test the connection with the application server. On successful connection, the following message will be displayed.



12. Click on “OK” and click on “Next” to display the screen below.

Oracle FLEXCUBE Universal Installer

**Oracle FLEXCUBE Investor Servicing** ORACLE

**Application deployment**  
Provide the Application Details For the Deployment of EAR

EAR Path /Please use the browse button/

Property File Path

Application Name

Application Context

Manage Resources

Log Back Next Exit

13. Provide the following details

### EAR Path

select the application EAR to be deployed using the browse button.

Note: The Application EAR path cannot be copied and pasted on to the text box, thereby demanding the use of the browse button to select the EAR.

### Property File Path

Please select the appropriate path to the external properties file.

If the properties file is internal to the application EAR, it would be fetched on selection of the EAR and will be in a non-editable state.

### Application Name

Application Name would be fetched on selection of the EAR and will be in a non-editable state.

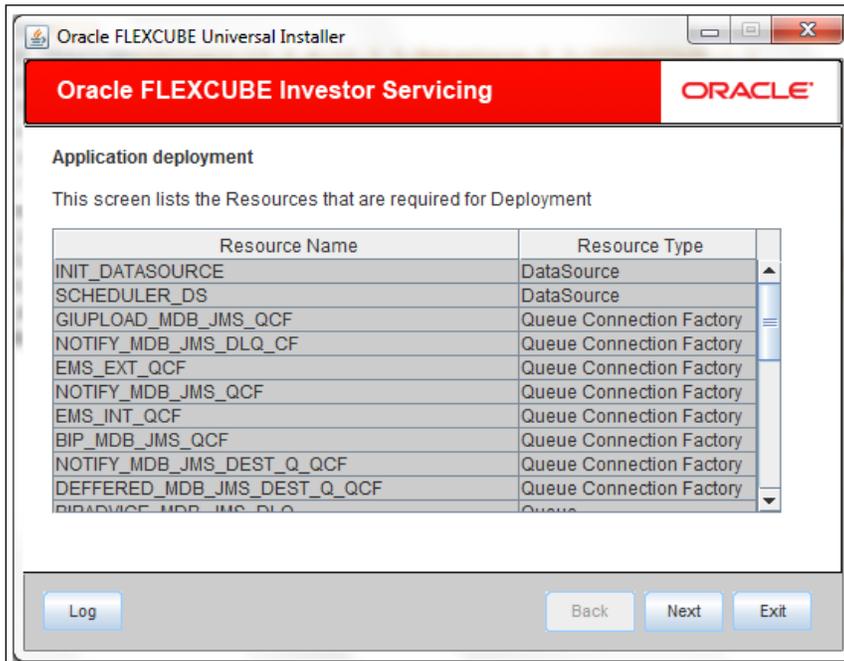
### Application Context

Application Context would be fetched on selection of the EAR and will be in a non-editable state.

### Manage Resources

Select this box if resources are to be created along with deployment.

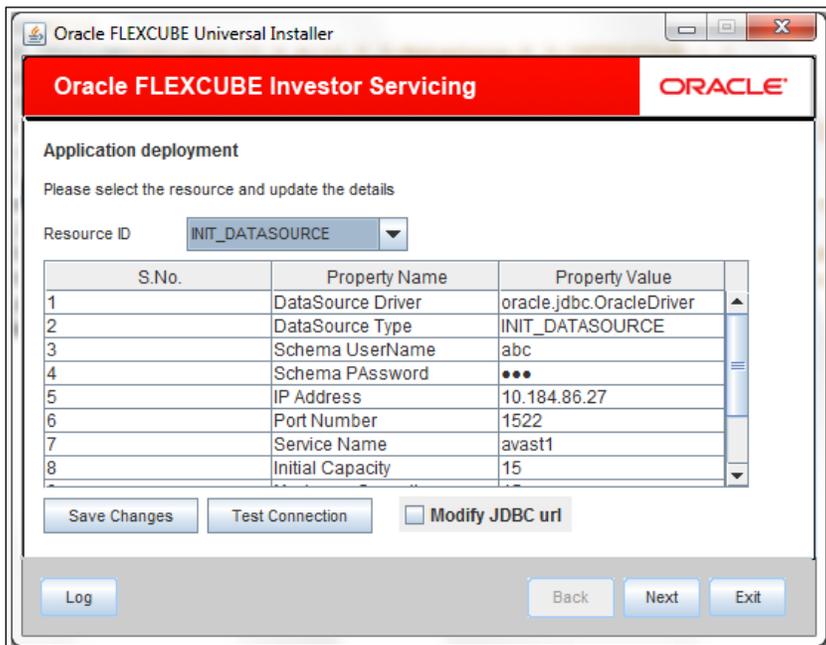
- Click on "Next". If "Manage Resources" is checked then below screen is shown otherwise skip to "Server Environment details for Deployment".



The current screen shows a list of resources that will be created and their type.

The screen provides a read only list of resources.

- Click on Next. The following screen will be displayed.



16. Provide the following details

**Resource ID:** Contains a list of data sources that are to be created.

The below table provides an option to take some basic values for the data source.

**DataSource Driver:** specified the jdbc driver URL with which the connection is established.

Ex: oracle.jdbc.OracleDriver for Non-XA datasources

**DataSource Type:** specifies the type of data source that is to be created, XA or Non-XA.

**Schema Username:** specified the username of the schema to which the connection is established.

**Schema Paasword:** specifies the password of the schema.

**IP Address:** specifies to provide the host address of the schema.

**Port Number:** provide the port number of schema.

**Service Name:** provide the schema name.

**Initial Capacity:** The number of physical connections to create when creating the connection pool in the data source

**Maximum Capacity:** The maximum number of physical connections that this connection pool can contain.

**Capacity Increment:** The increment by which this JDBC connection pool's capacity is expanded.

**Shrink Frequency:** The number of seconds to wait before shrinking a connection pool that has incrementally increased to meet demand.

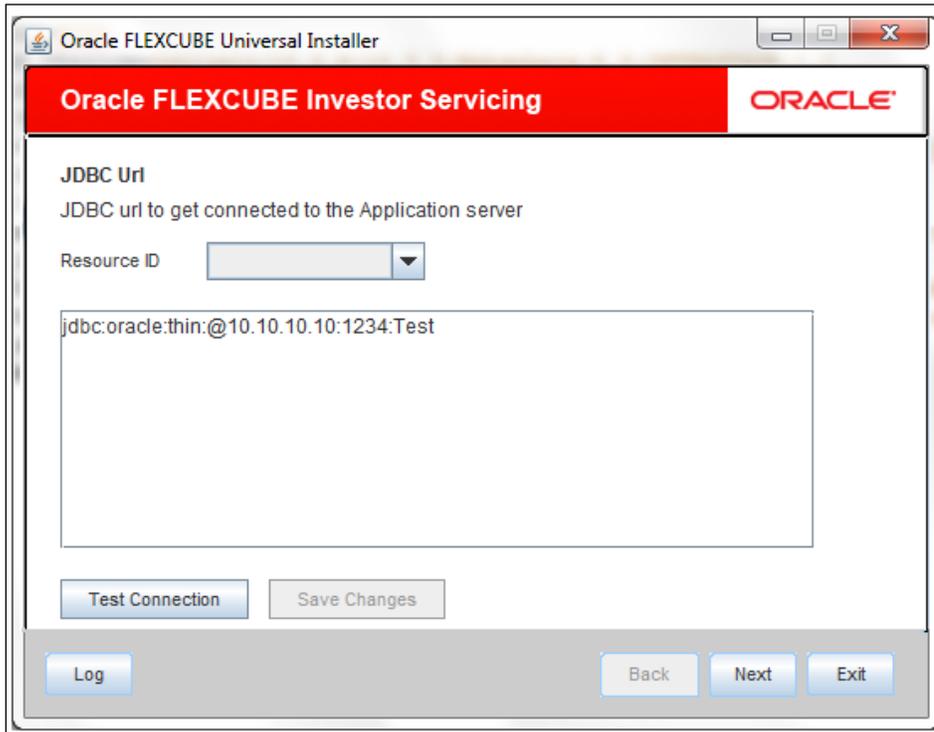
**Connection Reserve Timeout:** The number of seconds after which a call to reserve a connection from the connection pool will timeout.

- **Save changes:** On click of this saves the values provided in the table against corresponding value of Resource ID.
- **Test Connection:** On click of this it will try to establish connection with required details provided in the table.

Click on 'Next' to get the following screen.

17. **Modify JDBC URL:** Select modify JDBC URL for modifying the JDBC URL.

If 'Modify JDBC URL' is selected, the following screen will be displayed.



The screenshot shows a window titled "Oracle FLEXCUBE Universal Installer" with a red header bar containing "Oracle FLEXCUBE Investor Servicing" and the "ORACLE" logo. The main content area is titled "JDBC Url" and includes the instruction "JDBC url to get connected to the Application server". Below this is a "Resource ID" dropdown menu. A large text box contains the JDBC URL "jdbc:oracle:thin:@10.10.10.10:1234:Test". At the bottom of the main area are two buttons: "Test Connection" and "Save Changes". A grey footer bar contains four buttons: "Log", "Back", "Next", and "Exit".

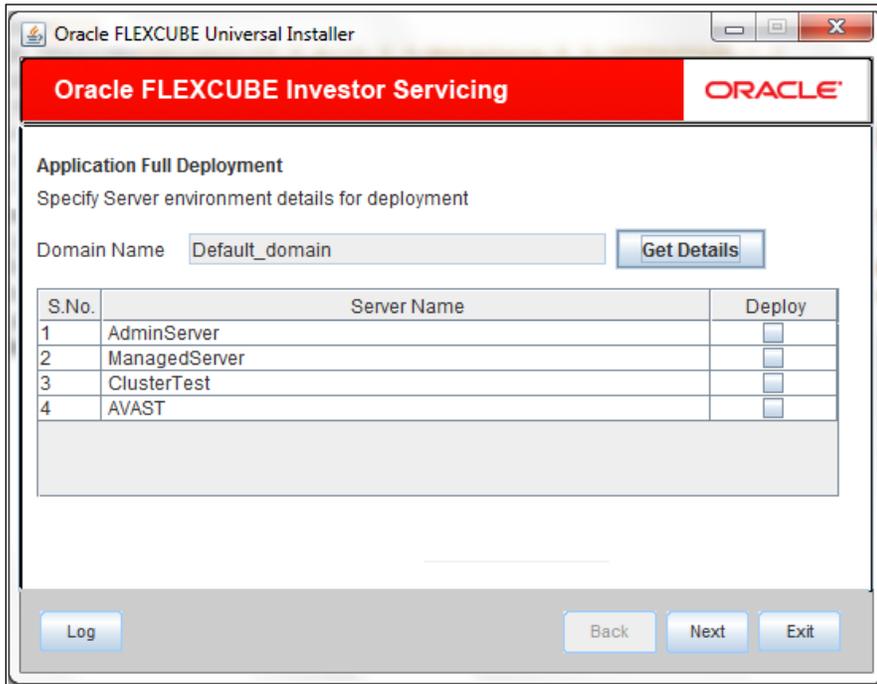
**Resource ID:** It provides the list of all the data sources created. Select the data source for which the JDBC URL needs to be modified.

**Note:** The URL generated from the previous screen will be displayed here. If the user wants to change the URL , it can be changed in the present screen.

**Test Connection:** Click 'Test Connection' to check the connection using the changed URL, If the URL changed is correct the connection will be success.

**Save Changes:** Click on 'Save Changes' for saving the changed JDBC URL

Click 'Next', the following screen will be displayed.

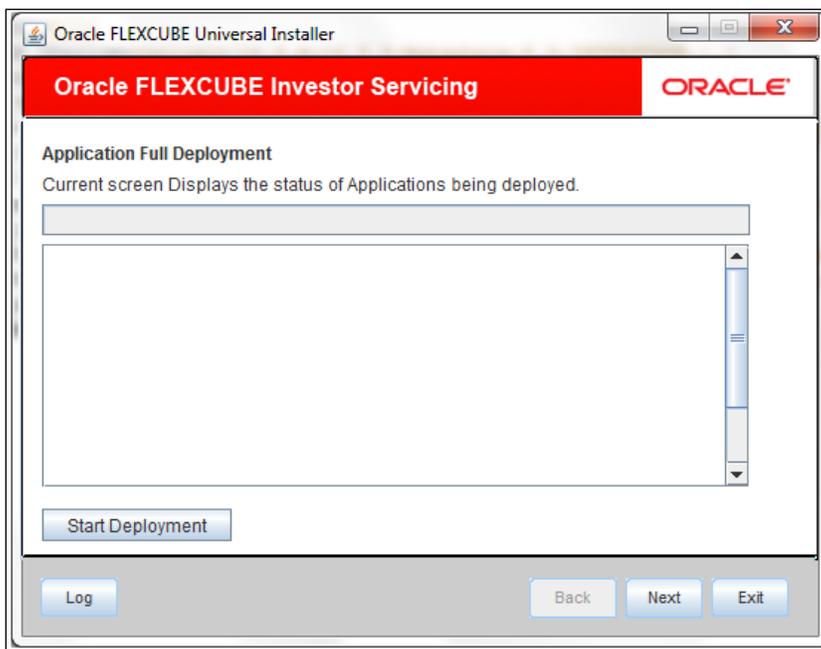


The **Domain Name** shows the weblogic domains name.

- On click of '**Get Details**', the list of available servers are displayed in the table.

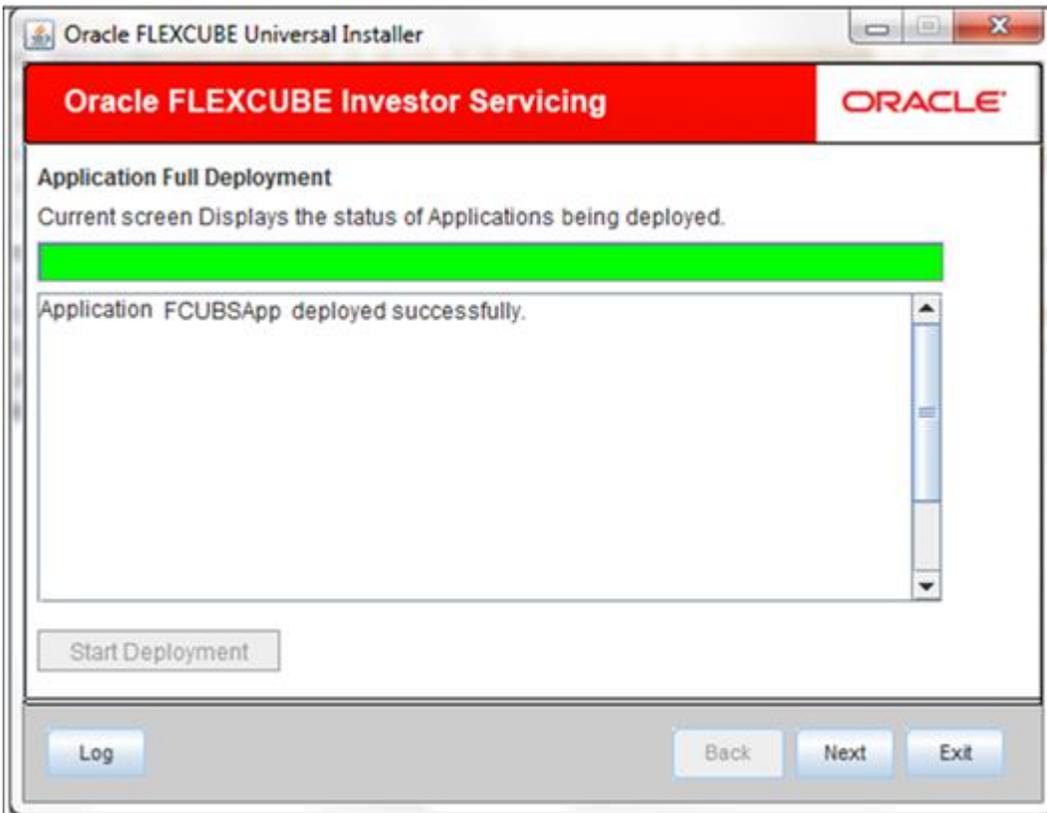
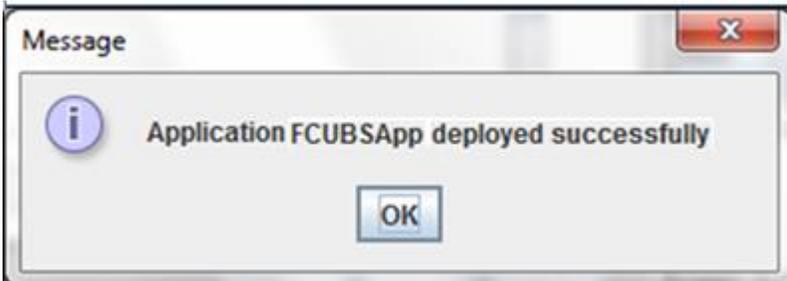
**Atleast one** server should be selected to proceed to next screen.

- Click on "Next" to display the screen below.

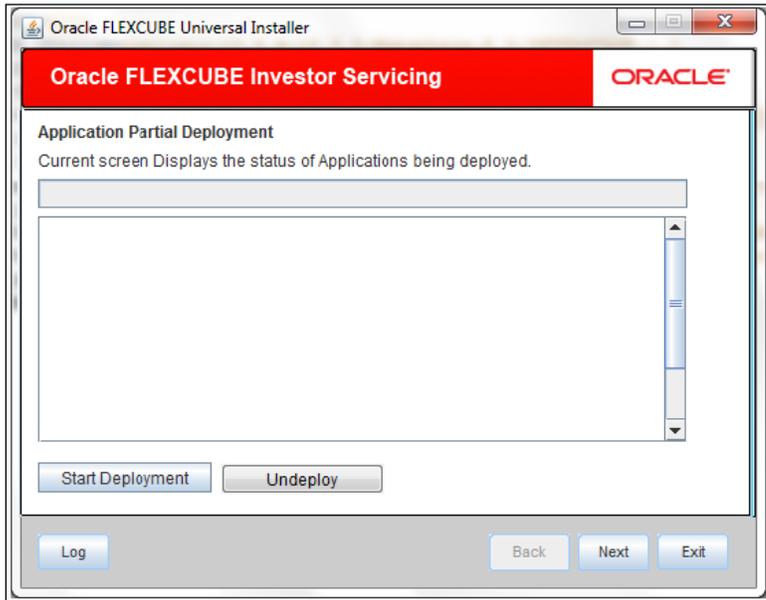


- Click on "**Start Deployment**" to begin the process of application deployment.

On successful deployment, you will get the following message and the screen is expected to look like below.



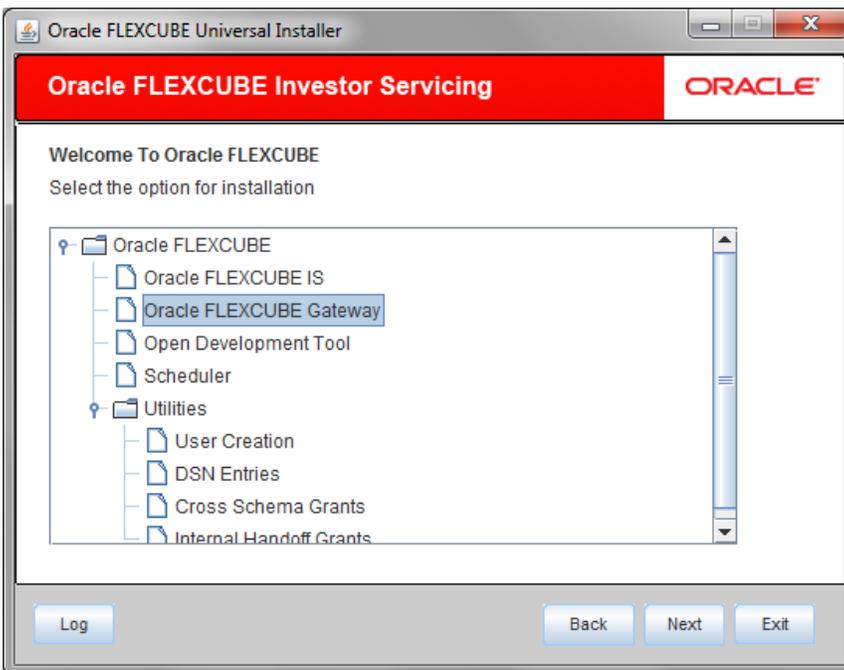
If the deployment is not successful, the 'Undeploy' button will be enabled.



18. Click 'Undeploy' for undeploying the partially deployed EAR from the server.

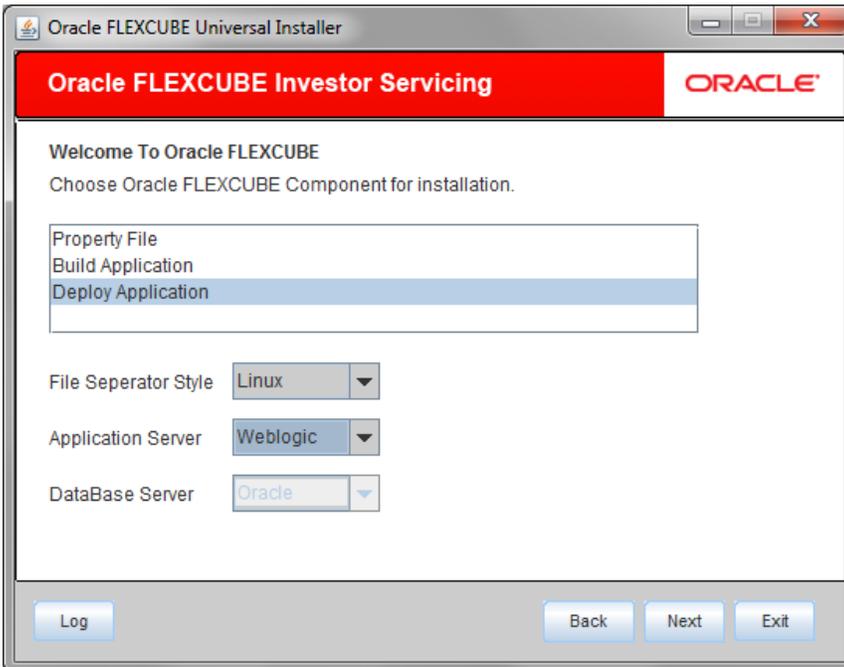
### 1.3 Gateway HTTP Servlet Application Full Deployment

1. Launch Oracle FLEXCUBE Investor Servicing Installer.
2. Click on "Next" to display the screen below.

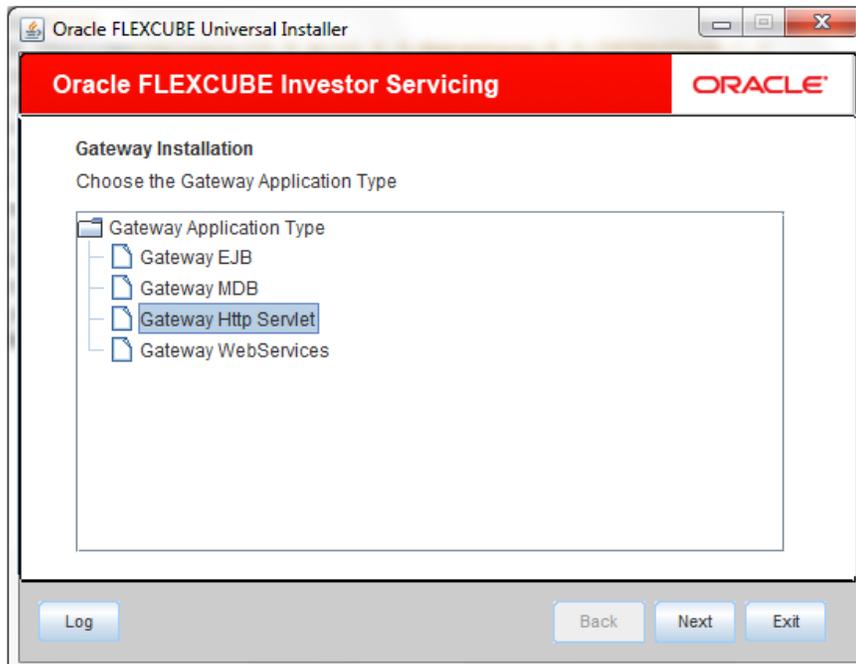


3. Select "Gateway".

- Click on “Next” to display the screen below.



- Select “Deploy Application”.
- Choose the appropriate Server’s Operating System from the drop down.
- Choose “Weblogic” from the Application Server drop down.
- Click on “Next” to display the screen below.



9. Select 'Gateway MDB' and click 'Next', the following screen will be displayed.

| Name                  | Value       |
|-----------------------|-------------|
| Admin IP              | 10.10.10.10 |
| Admin Port            | 1111        |
| Admin Username        | <user_name> |
| Server Admin Password | *****       |

10. Provide the following details

**Admin IP**

Provide host address of admin server.

**Admin Port**

Provide port number of weblogic server.

**Admin UserName**

Please provide the appropriate Admin Username of the weblogic application server.

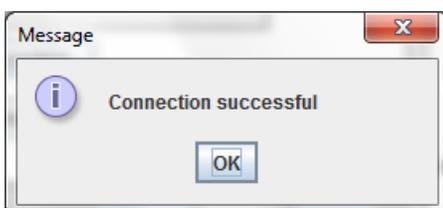
**Admin Password**

Please provide the appropriate Admin Password of the weblogic application server.

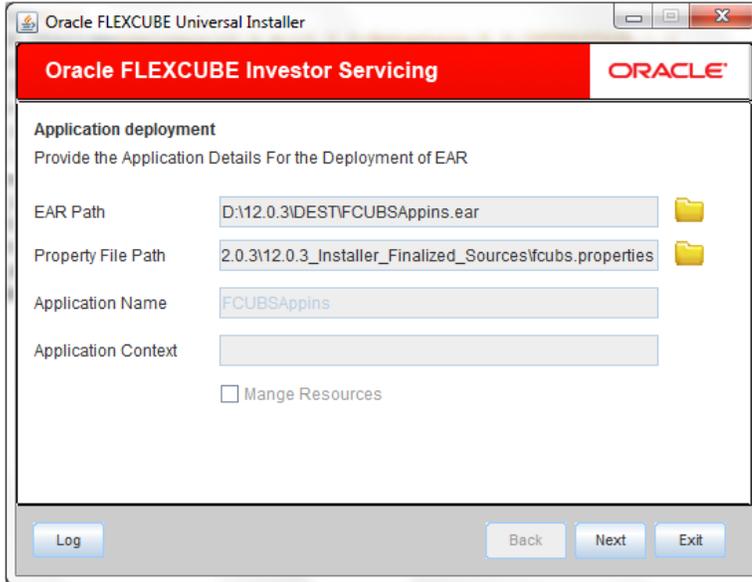
**Type of Deployment**

Choose "Full Deployment".

Click on "Test Connection" to test the connection with the application server. On successful connection, the following message will be displayed.



11. Click on “OK” and click on “Next” to display the screen below.



12. Provide the following details

### **EAR Path**

select the application EAR to be deployed using the browse button.

Note: The Application EAR path cannot be copied and pasted on to the text box, thereby demanding the use of the browse button to the select the EAR.

### **Property File Path**

Please select the appropriate path to the external properties file.

If the properties file is internal to the application EAR, it would be fetched on selection of the EAR and will be in a non-editable state.

### **Application Name**

Not applicable

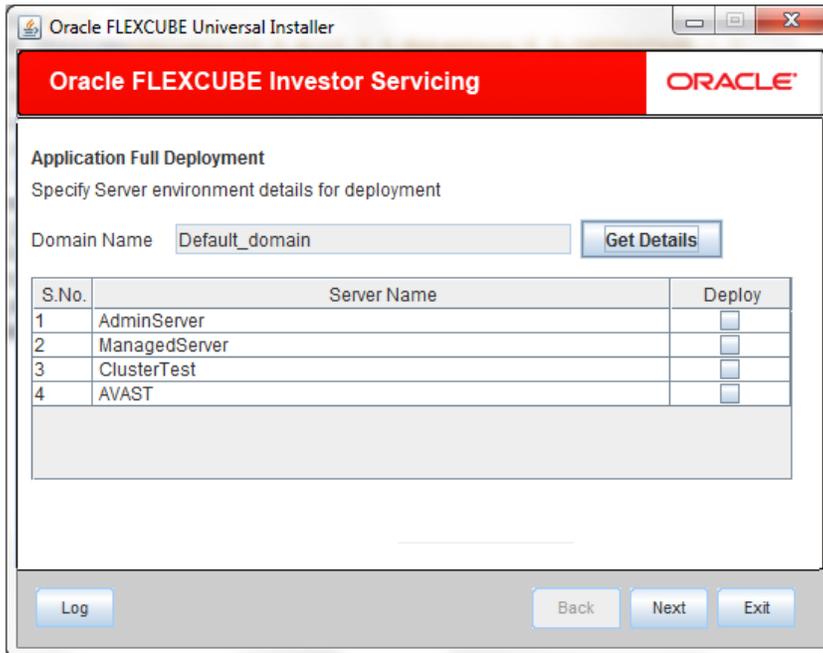
### **Application Context**

Not applicable

### **Manage Resources**

Not supported.

13. Click on “Next” to display the screen below.

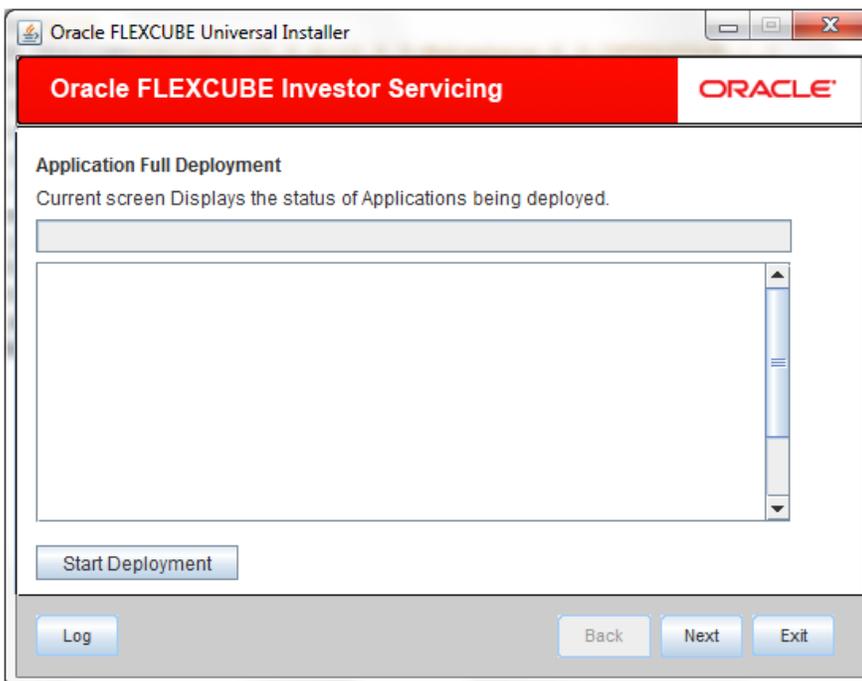


The **Domain Name** shows the weblogic domains name.

14. On click of ‘**Get Details**’, the list of available servers are displayed in the table.

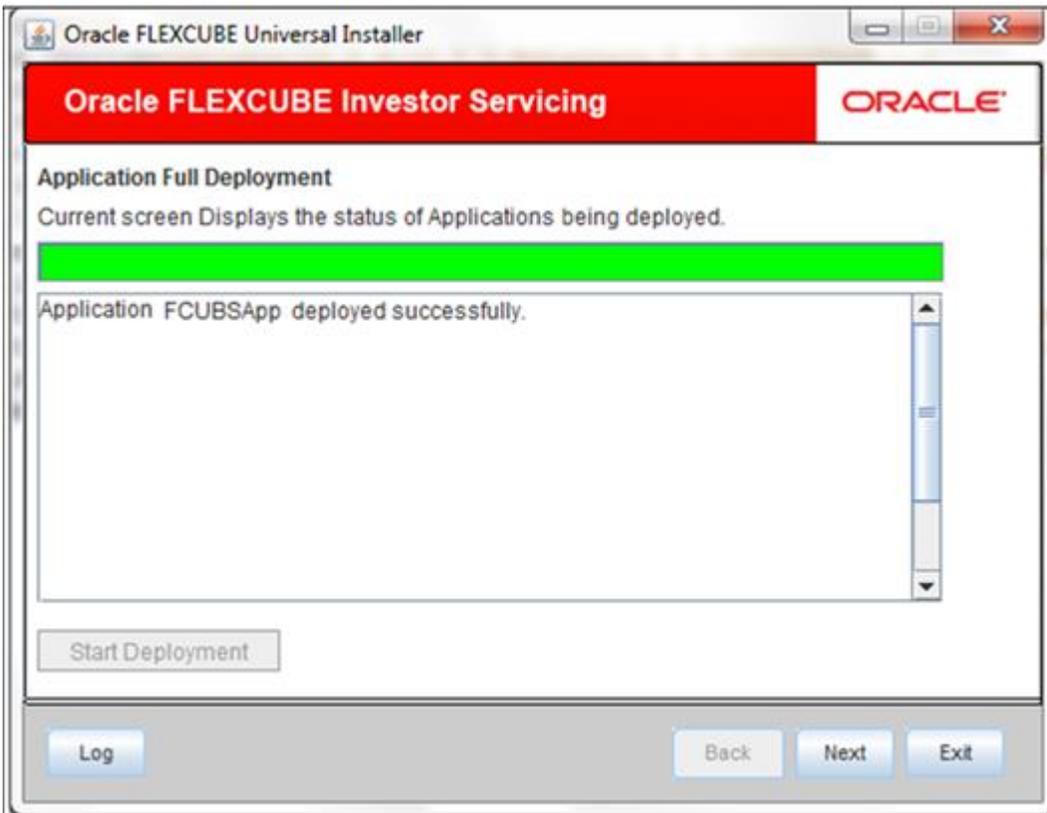
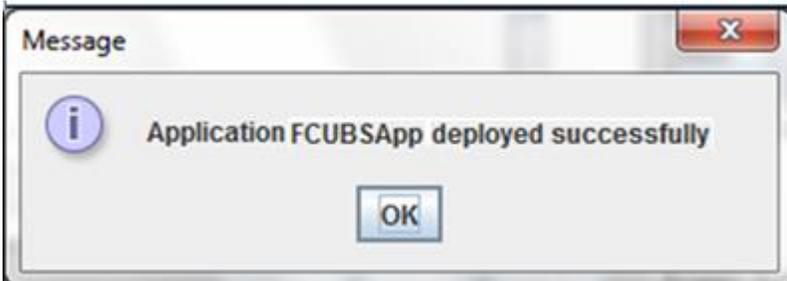
**Atleast one** server should be selected to proceed to next screen.

15. Click on “Next” to display the screen below.

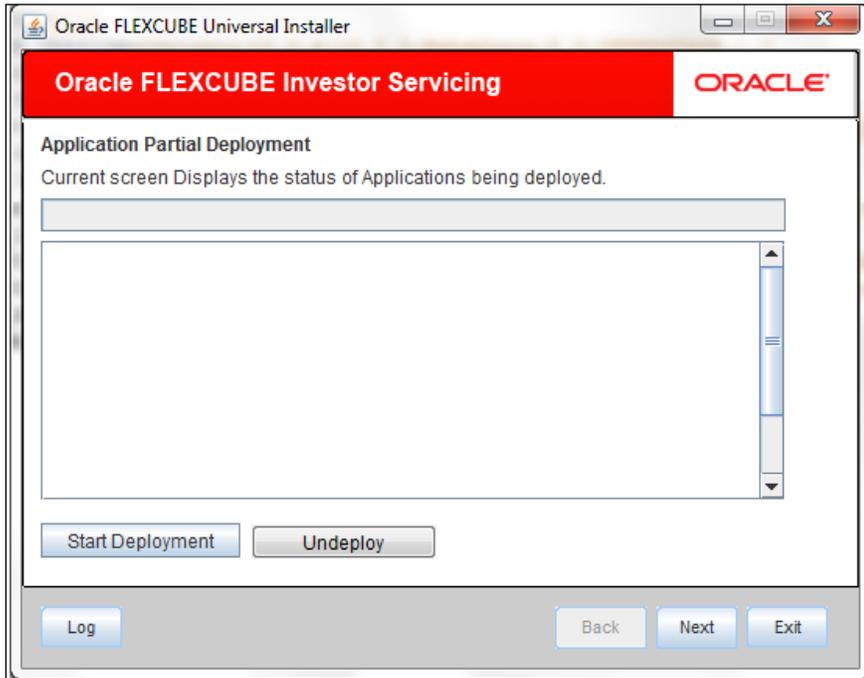


16. Click on “**Start Deployment**” to begin the process of application deployment.

On successful deployment, you will get the following message and the screen is expected to look like below.



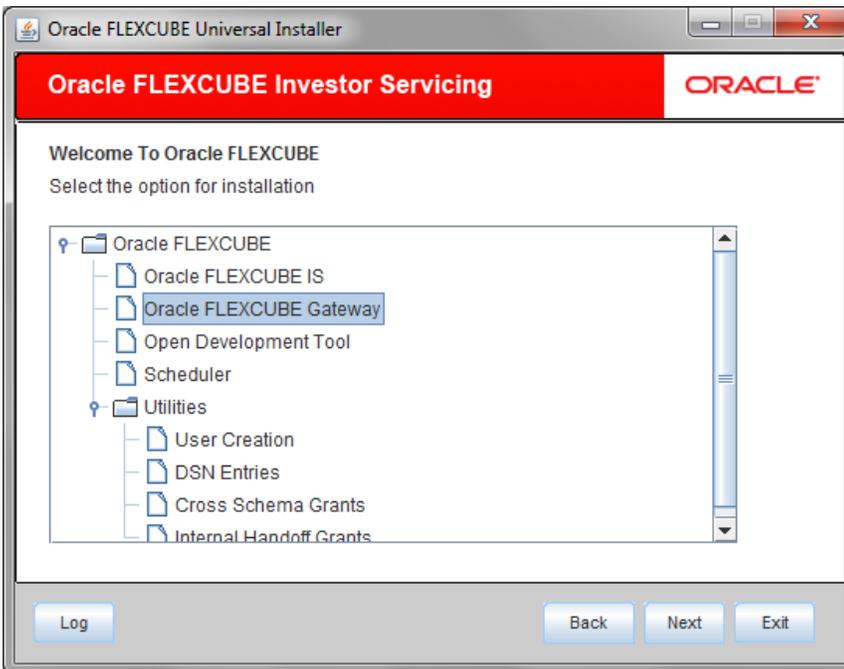
If the deployment is not successful, the 'Undeploy' button will be enabled



17. Click 'Undeploy' for undeploying the partially deployed EAR from the server.

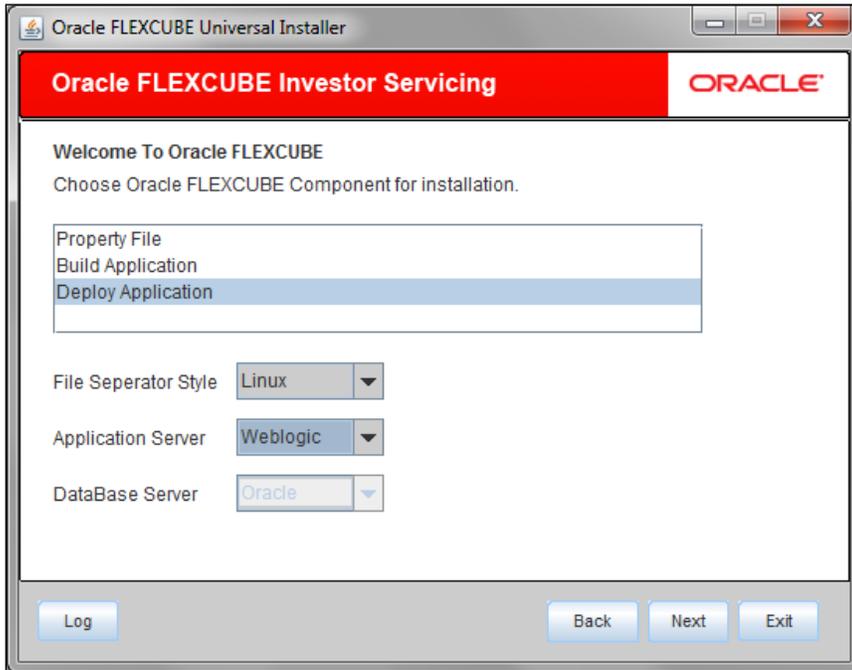
## 1.4 Gateway Webservices Application Full Deployment

1. Launch Oracle FLEXCUBE Investor Servicing Installer.
2. Click on "Next" to display the screen below.

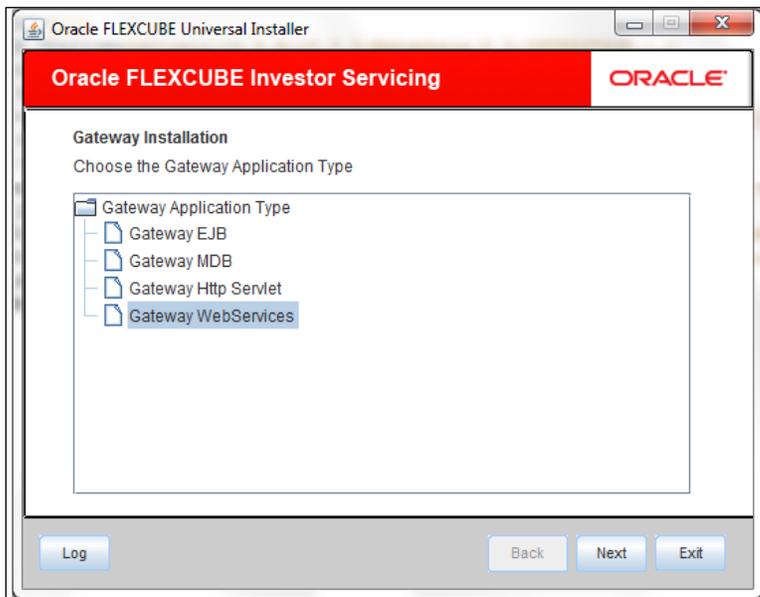


3. Select "Gateway".

4. Click on “Next” to display the screen below.



5. Select “Deploy Application”.
6. Choose the appropriate Server’s Operating System from the drop down.
7. Choose “Weblogic” from the Application Server drop down.
8. Click on “Next” to display the screen below.



9. Select 'Gateway MDB' and click 'next', the following screen will be displayed.

| Name                  | Value       |
|-----------------------|-------------|
| Admin IP              | 10.10.10.10 |
| Admin Port            | 1111        |
| Admin Username        | <user_name> |
| Server Admin Password | *****       |

10. Provide the following details

**Admin IP**

Provide host address of admin server.

**Admin Port**

Provide port number of weblogic server.

**Admin UserName**

Please provide the appropriate Admin Username of the weblogic application server.

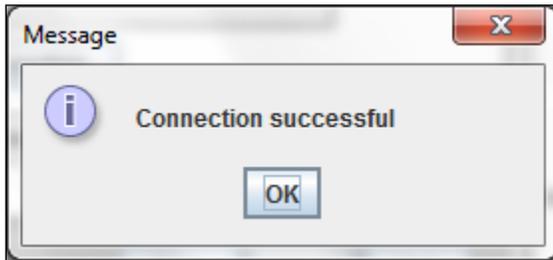
**Admin Password**

Please provide the appropriate Admin Password of the weblogic application server.

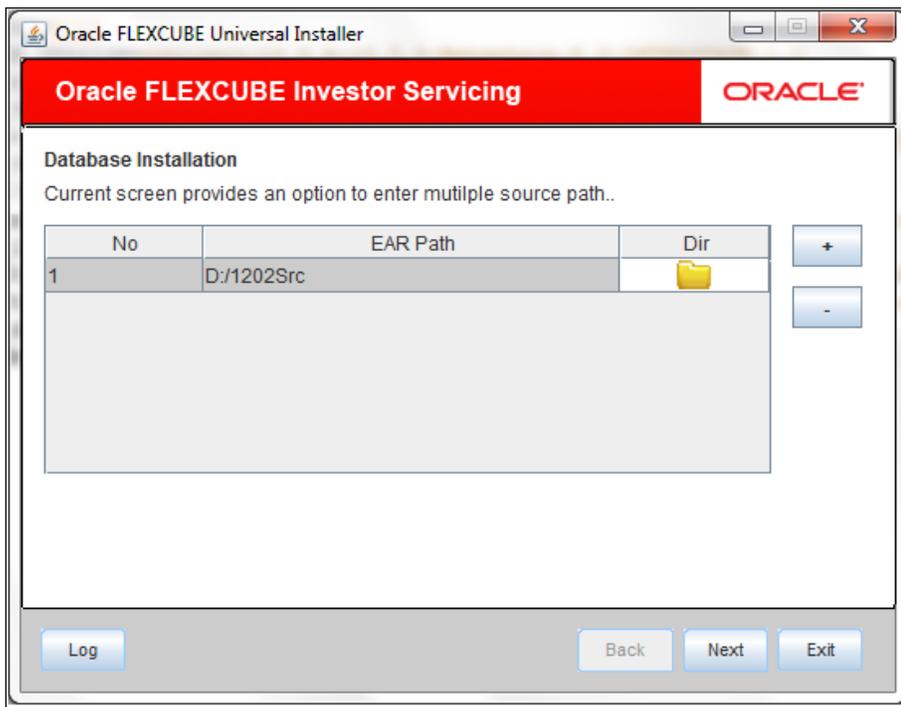
**Type of Deployment**

Choose "Full Deployment".

11. Click on “Test Connection” to test the connection with the application server. On successful connection, the following message will be displayed.



12. Click on “OK” and click on “Next” to display the screen below.

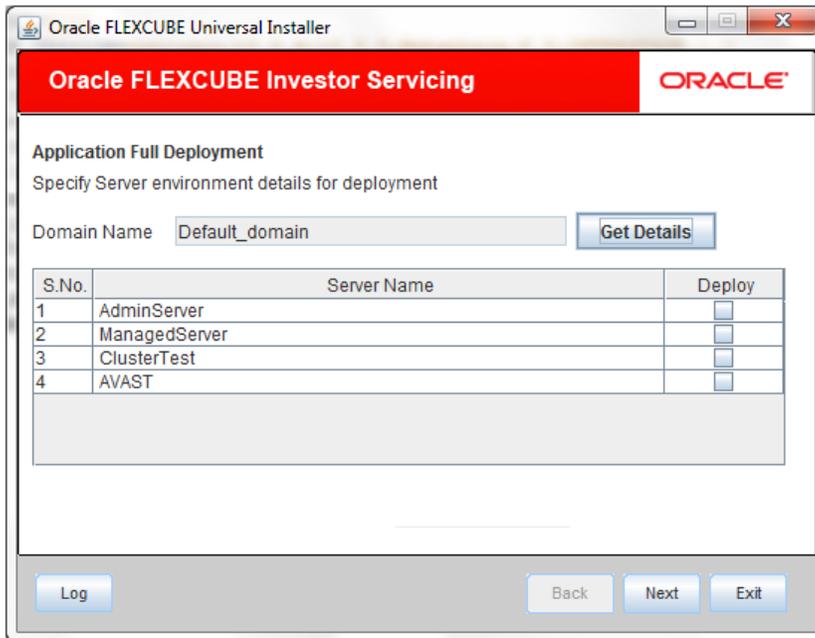


13. Provide the following details

Provide the EAR path for the applications to be deployed.

**Note:** Use '+' and '-' buttons for adding and removing the paths.

14. Click on “Next” to display the screen below.

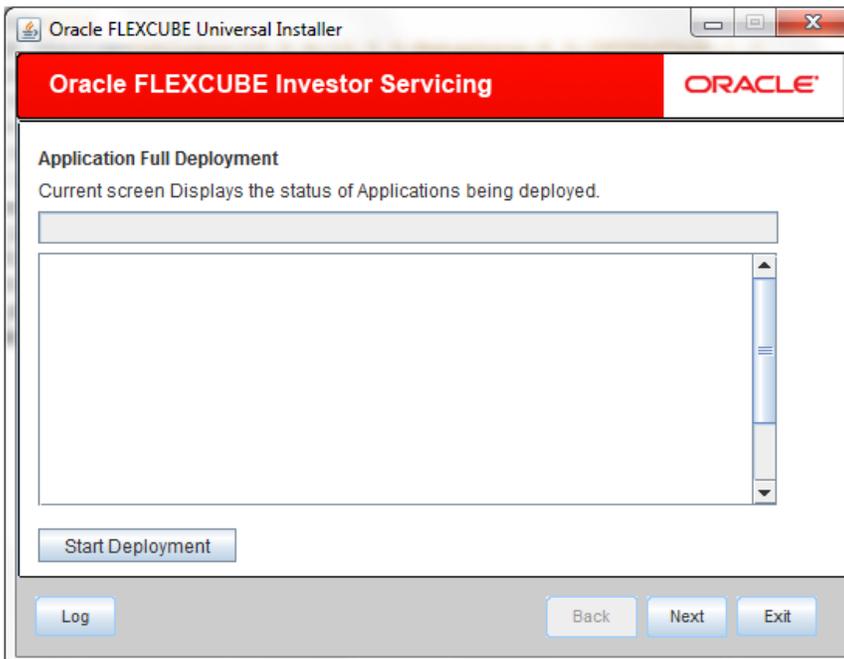


The **Domain Name** shows the weblogic domains name.

15. On click of ‘**Get Details**’, the list of available servers are displayed in the table.

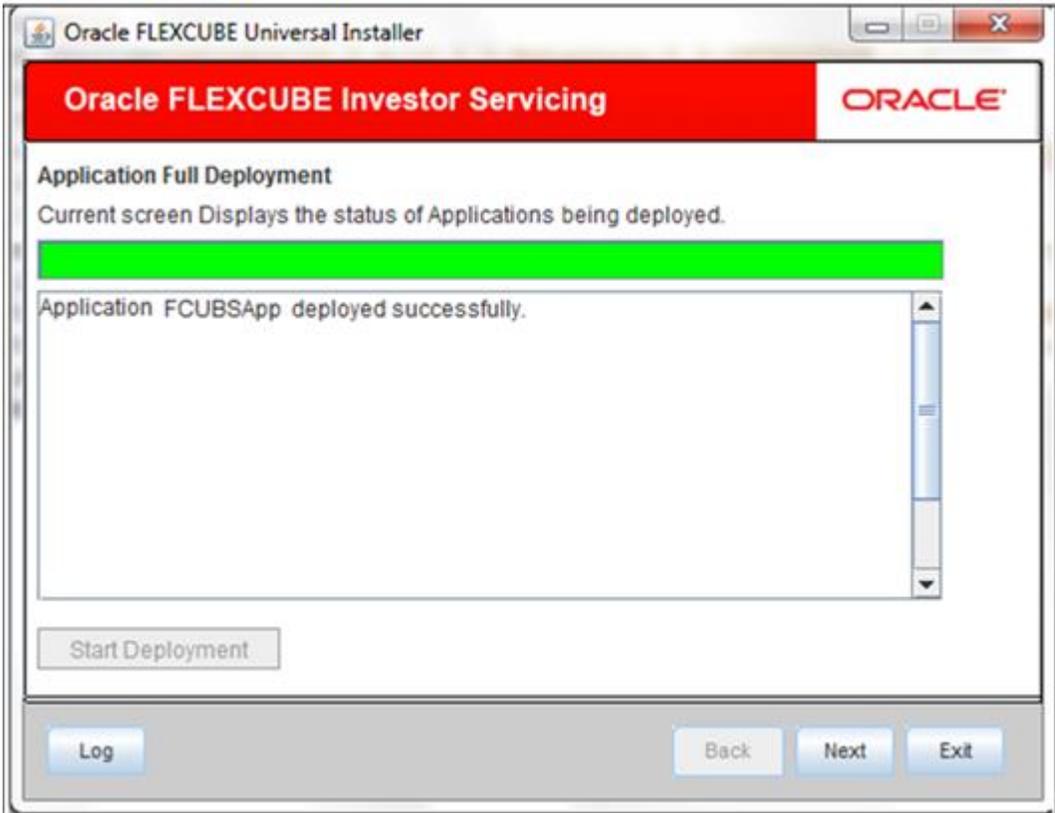
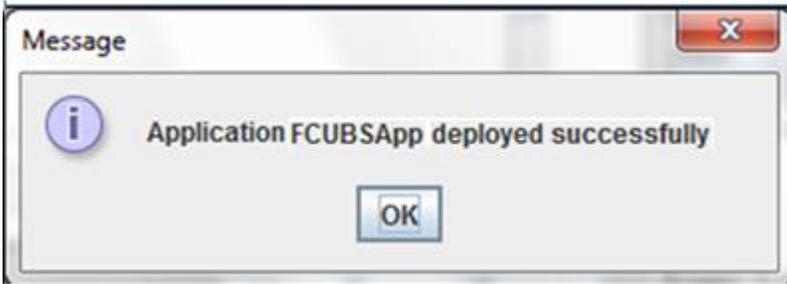
**Atleast one** server should be selected to proceed to next screen.

16. Click on “Next” to display the screen below.

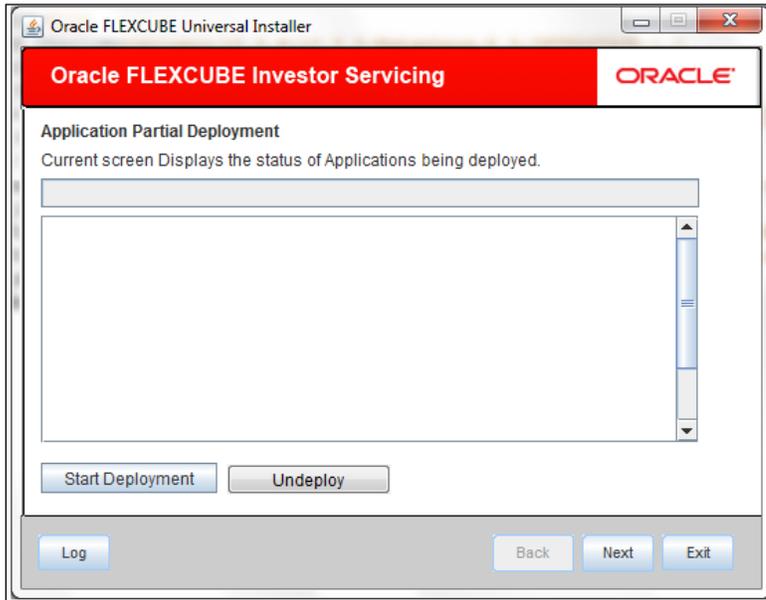


17. Click on “**Start Deployment**” to begin the process of application deployment.

On successful deployment, you will get the following message and the screen is expected to look like below.



If the deployment is not successful, the 'Undeploy' button will be enabled



Click 'Undeploy' for undeploying the partially deployed EAR from the server.



Setting up Database  
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Version 14.7.2.0.0

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