

Gateway Application Deployment in WebLogic
Oracle FLEXCUBE Investor Servicing
Release 14.7.0.0.0
[November] [2022]



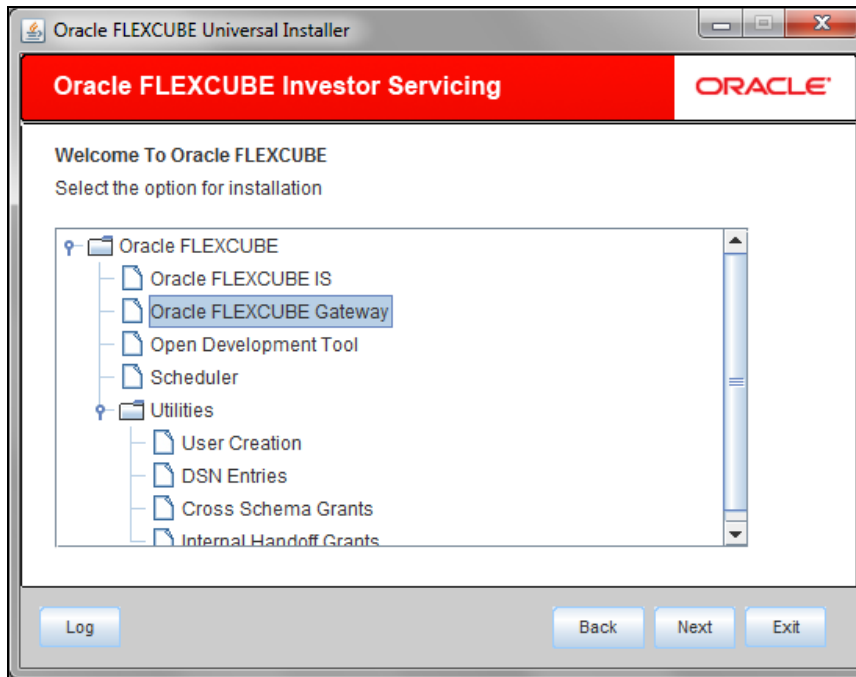
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1. Gateway Application Full Deployment

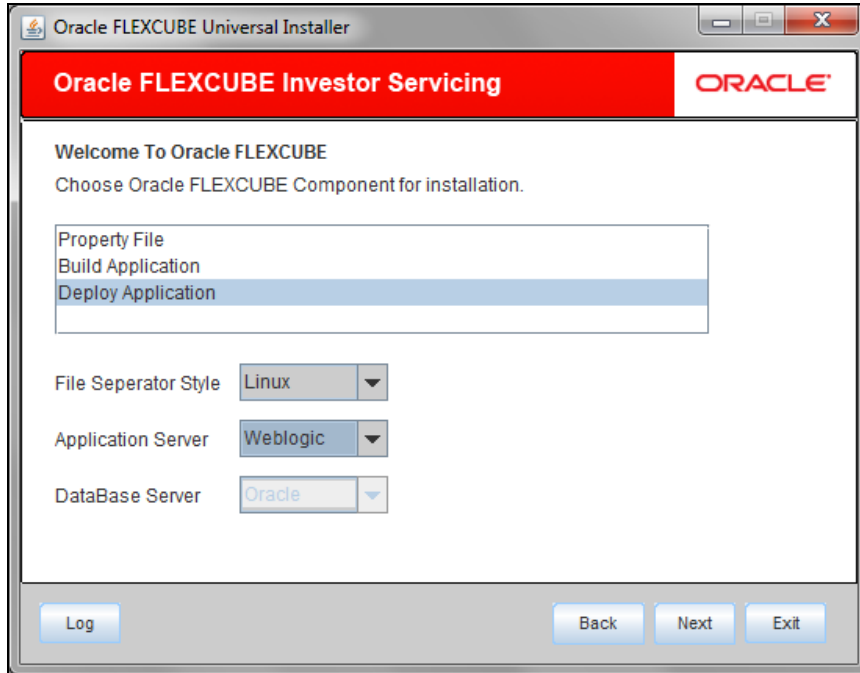
1.1 Gateway EJB Application Full Deployment

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

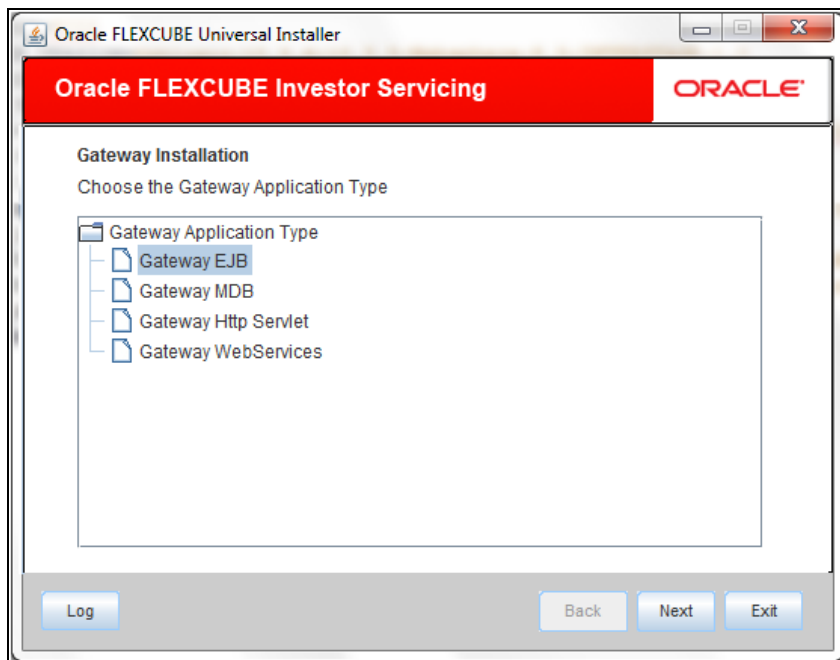


3. Select “Gateway”.

- 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 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 | ***** |

Test Connection

Type of Deployment: Full Deployment

Log Back Next Exit

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.

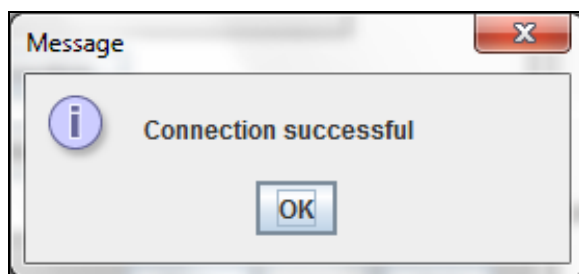
Admin Password

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

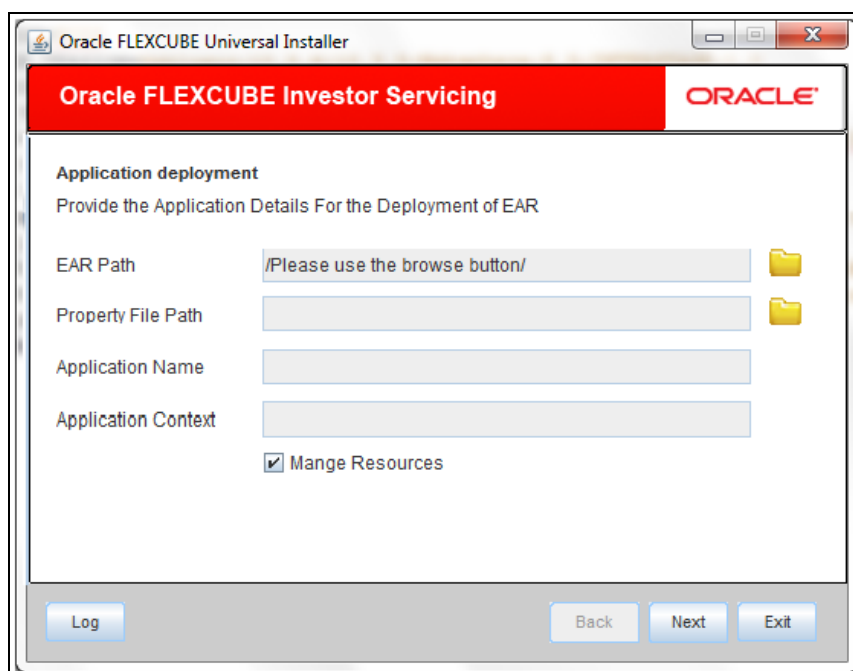
Type of Deployment

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.

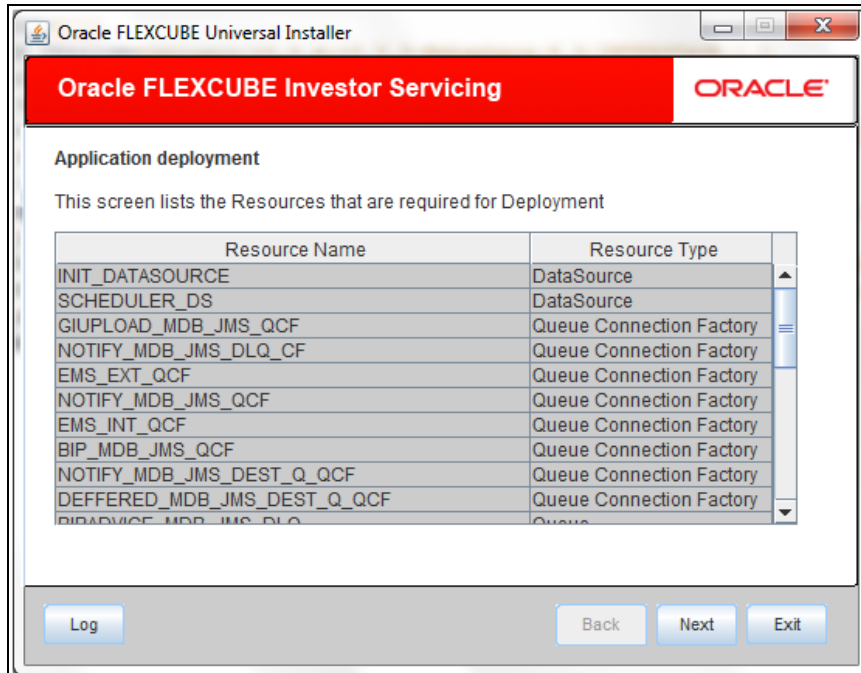
Application Context

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.

| S.No. | Property Name | Property Value |
|-------|-------------------|--------------------------|
| 1 | DataSource Driver | oracle.jdbc.OracleDriver |
| 2 | DataSource Type | INIT_DATASOURCE |
| 3 | Schema UserName | abc |
| 4 | Schema PAssword | ... |
| 5 | IP Address | 10.184.86.27 |
| 6 | Port Number | 1522 |
| 7 | Service Name | avast1 |
| 8 | Initial Capacity | 15 |

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.

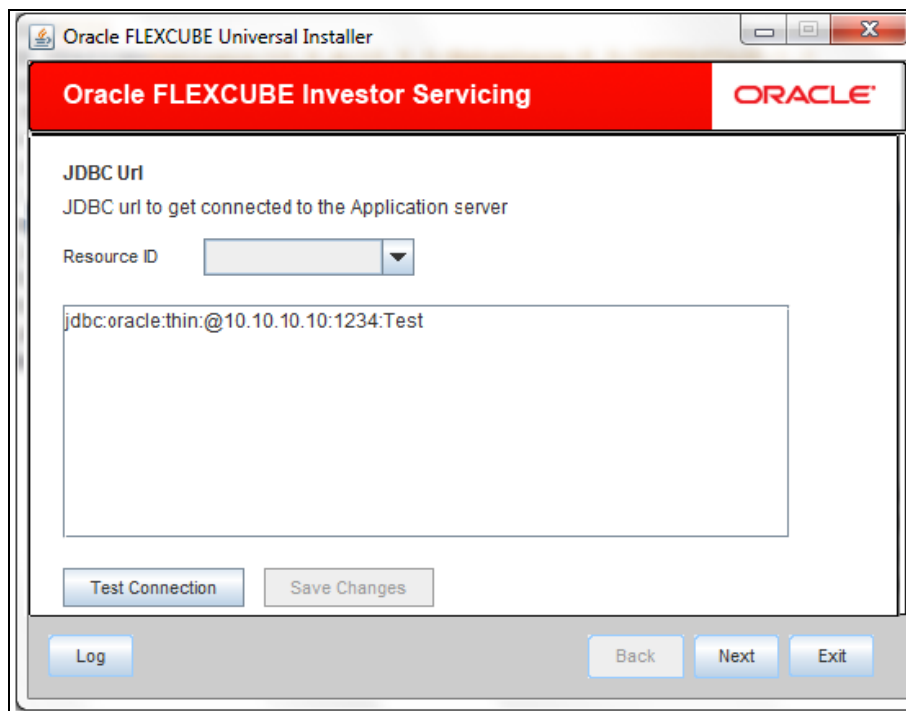
Connection Reserve Timeout: The number of seconds after which a call to reserve a connection from the connection pool will timeout.

- **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.

| S.No. | Server Name | Deploy |
|-------|---------------|--------------------------|
| 1 | AdminServer | <input type="checkbox"/> |
| 2 | ManagedServer | <input type="checkbox"/> |
| 3 | ClusterTest | <input type="checkbox"/> |
| 4 | AVAST | <input type="checkbox"/> |

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

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

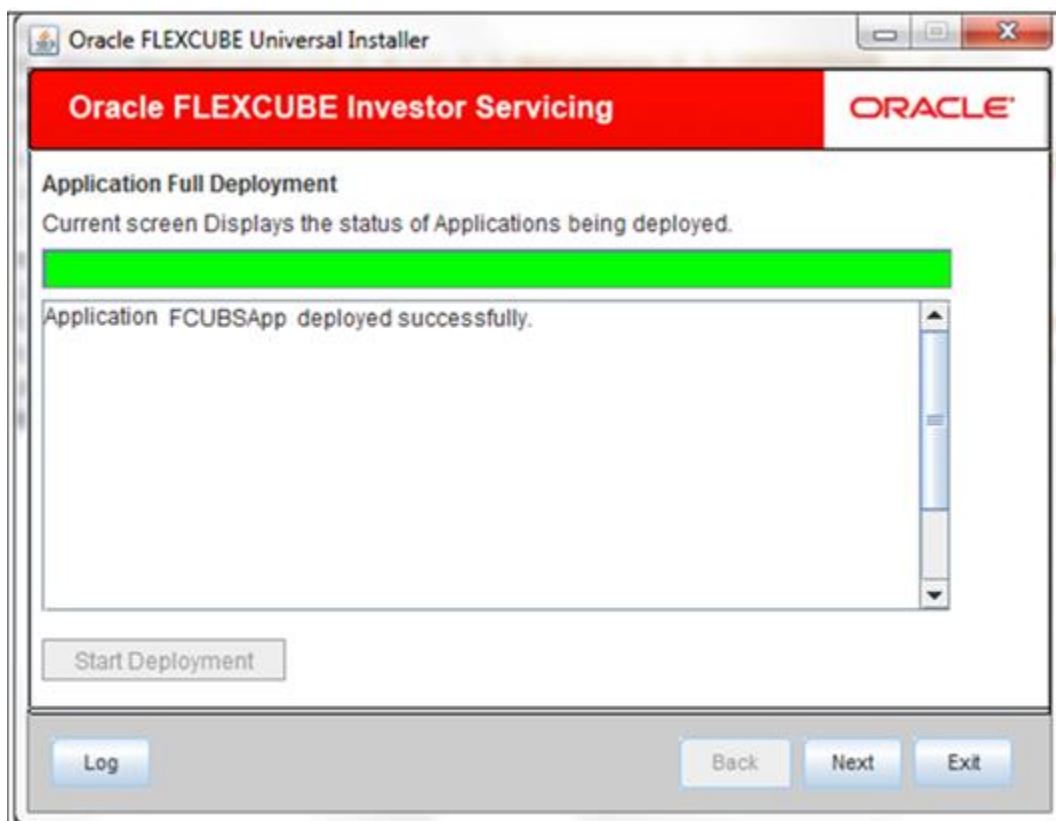
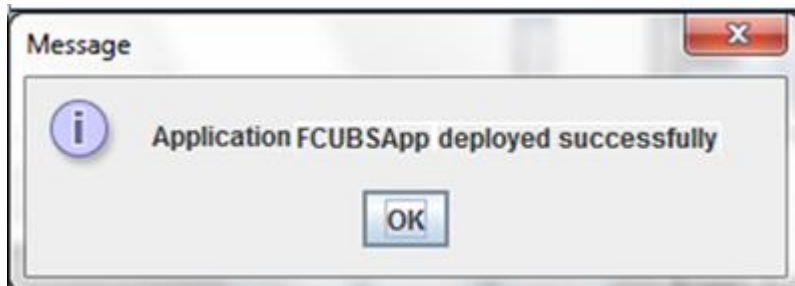
Atleast one server should be selected to proceed to next screen.

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

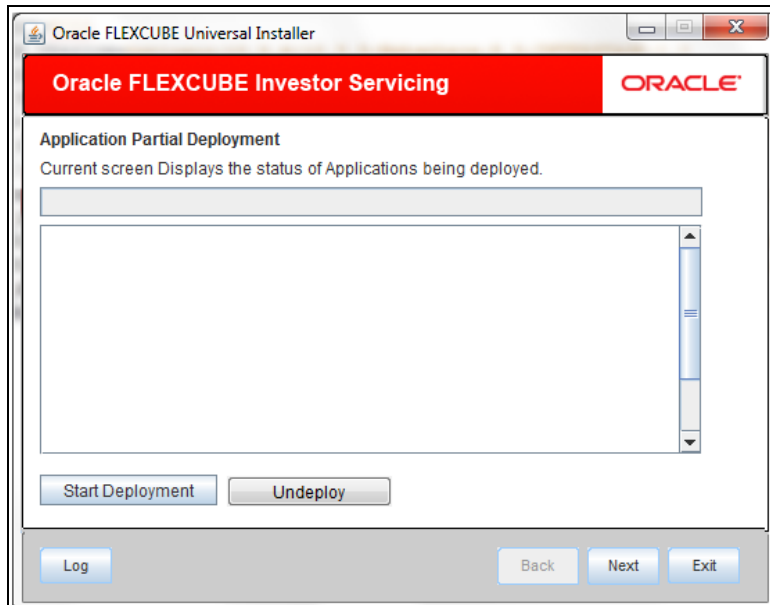
Start Deployment

- 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.



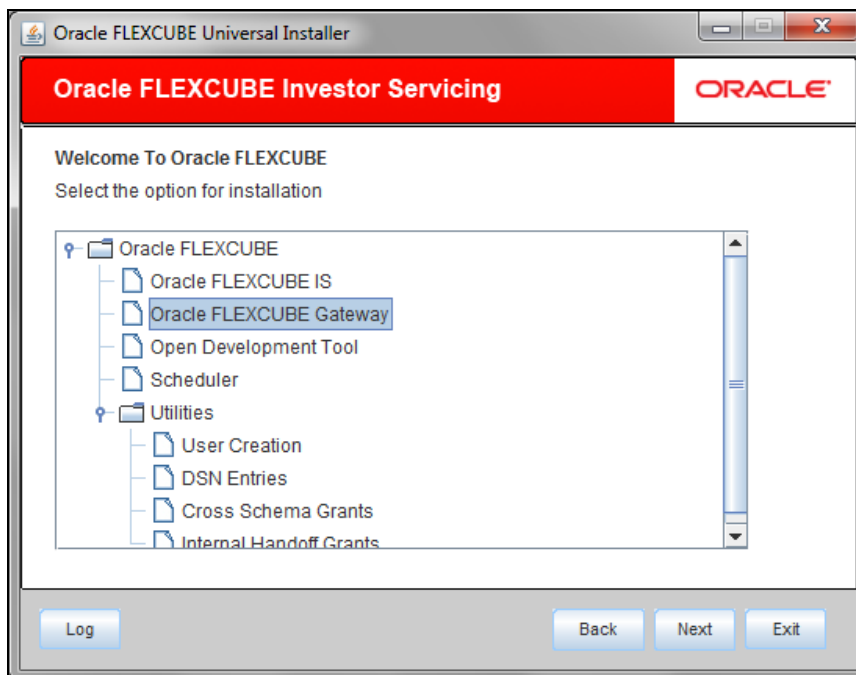
If the deployment is not successful, the 'Undeploy' button will be enabled.



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

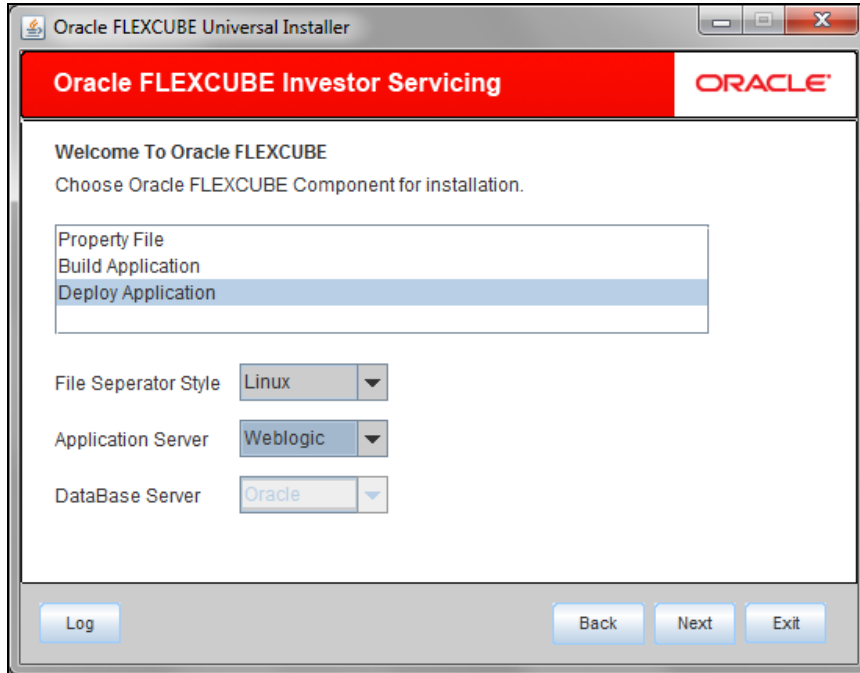
1.2 Gateway MDB Application Full Deployment

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

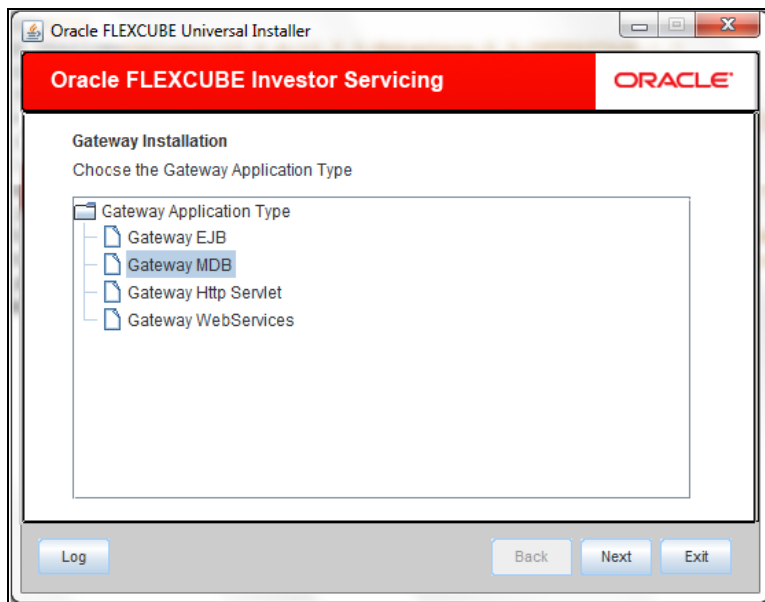


3. Select "Gateway".

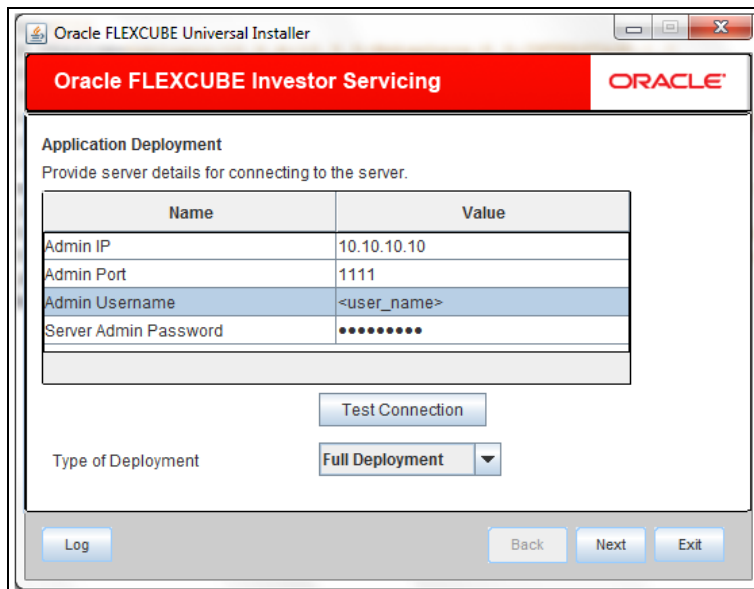
4. Click on “Next” to display the screen below.



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.



Oracle FLEXCUBE Universal Installer

Oracle FLEXCUBE Investor Servicing ORACLE

Application Deployment
Provide server details for connecting to the server.

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

Test Connection

Type of Deployment: Full Deployment

Log Back Next Exit

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.

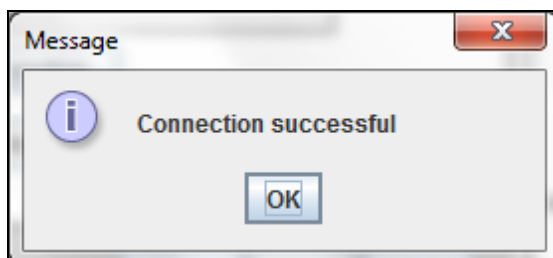
Admin Password

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.

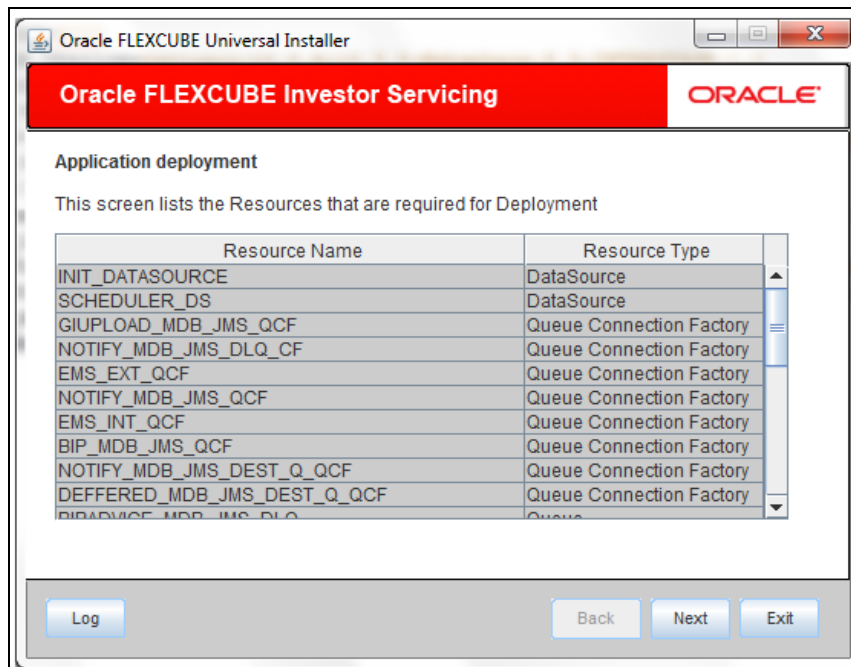
Application Context

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.

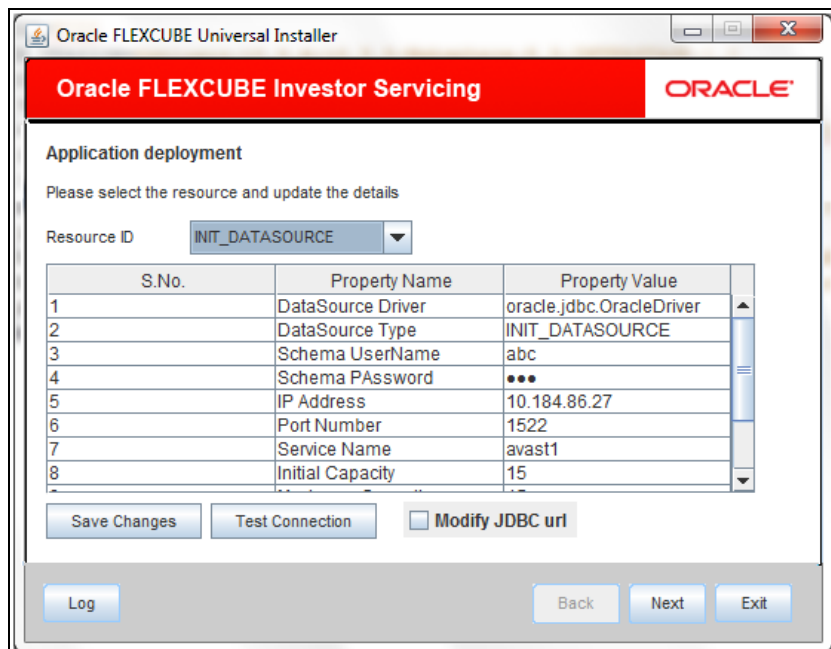
14. Click on “Next”. If “Manage Resources” is checked then below screen is shown otherwise skip to “Server Environment details for Deployment”.



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

The screen provides a read only list of resources.

15. 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 Password: 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.

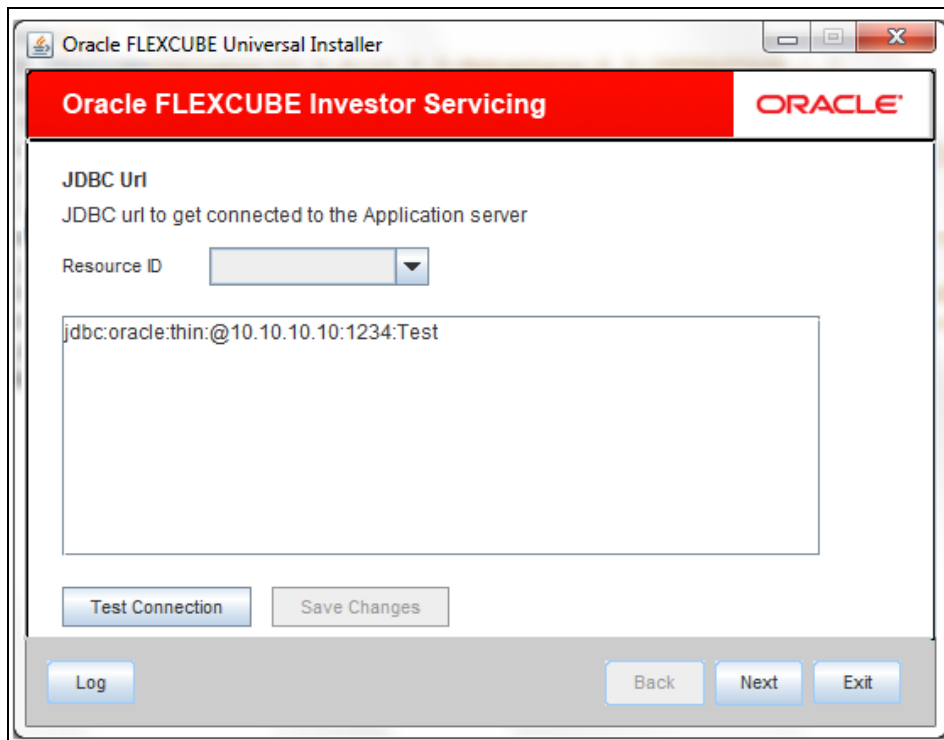
Connection Reserve Timeout: The number of seconds after which a call to reserve a connection from the connection pool will timeout.

- **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.



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.

| S.No. | Server Name | Deploy |
|-------|---------------|--------------------------|
| 1 | AdminServer | <input type="checkbox"/> |
| 2 | ManagedServer | <input type="checkbox"/> |
| 3 | ClusterTest | <input type="checkbox"/> |
| 4 | AVAST | <input type="checkbox"/> |

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

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

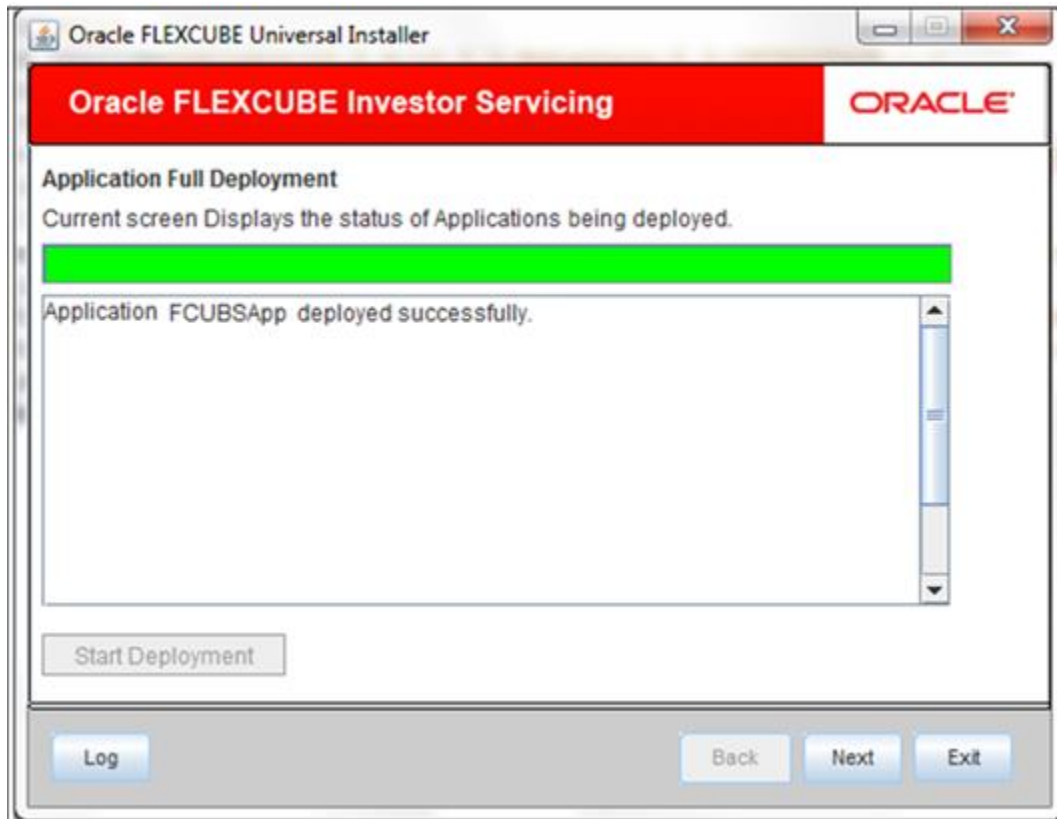
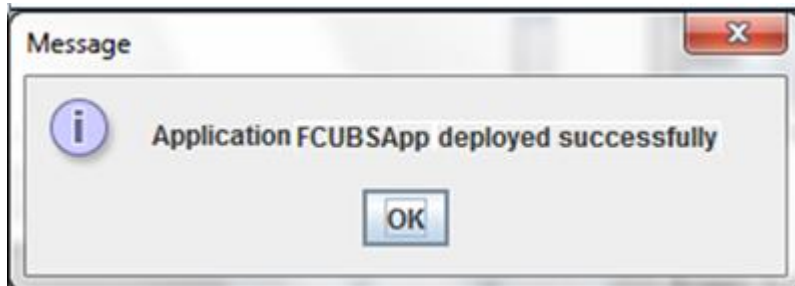
Atleast one server should be selected to proceed to next screen.

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

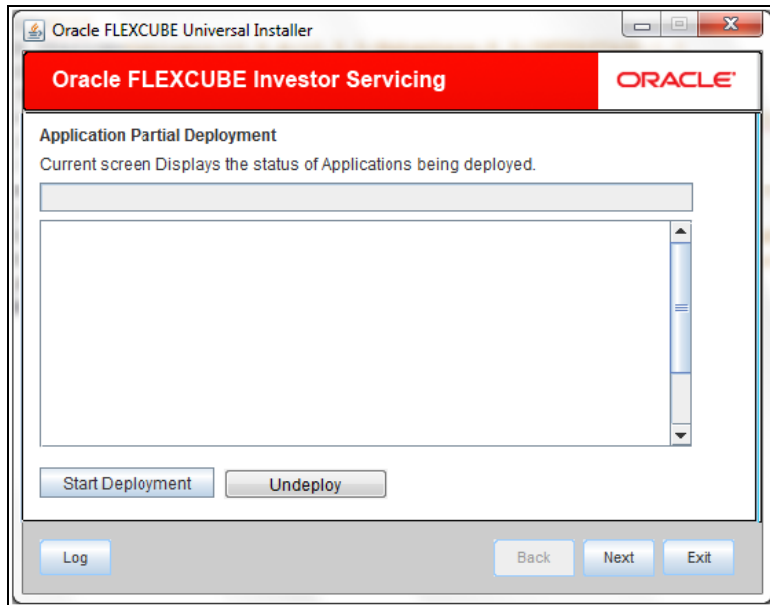
Start Deployment

- 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.



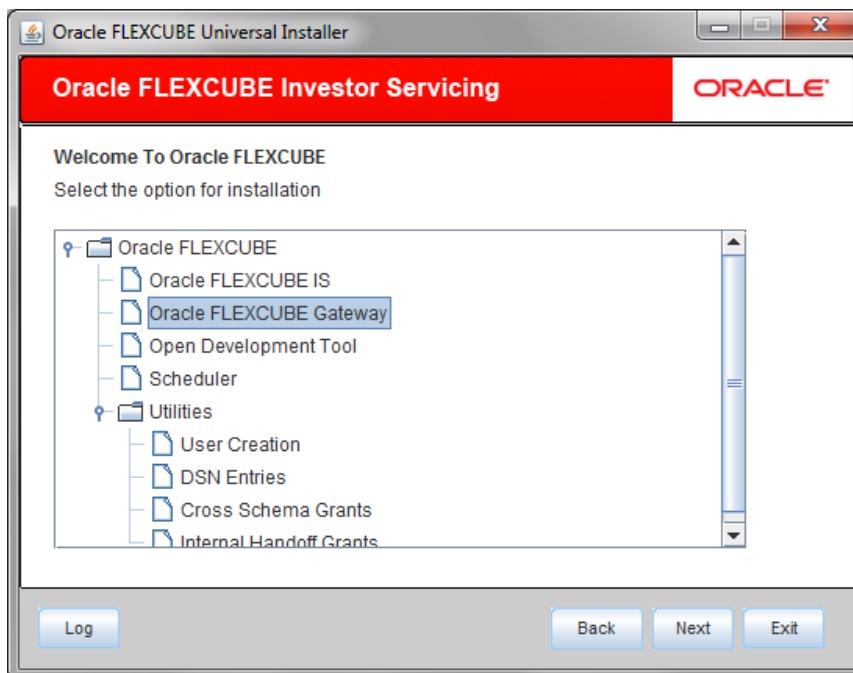
If the deployment is not successful, the 'Undeploy' button will be enabled.



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

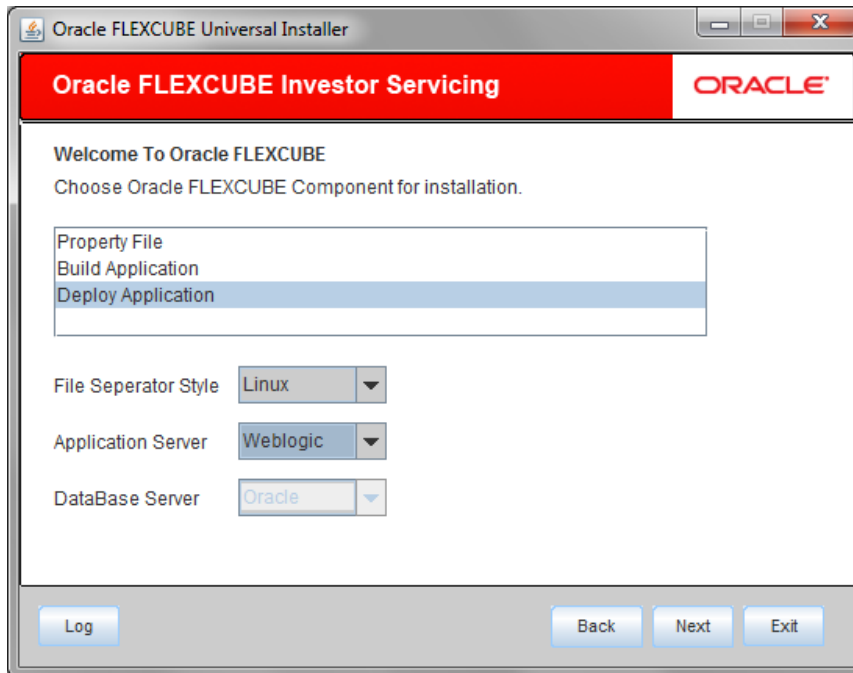
1.3 **Gateway HTTP Servlet Application Full Deployment**

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

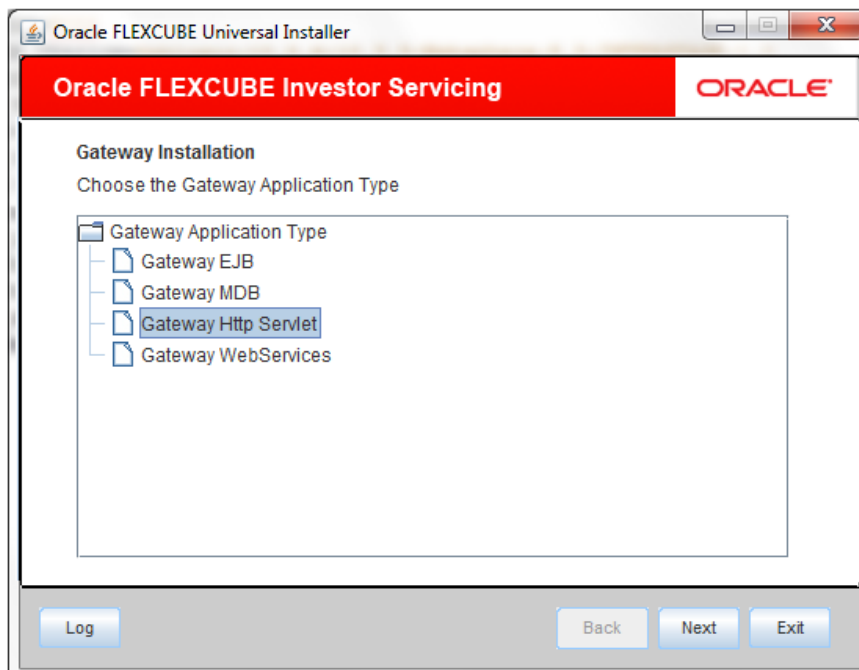


3. Select "Gateway".

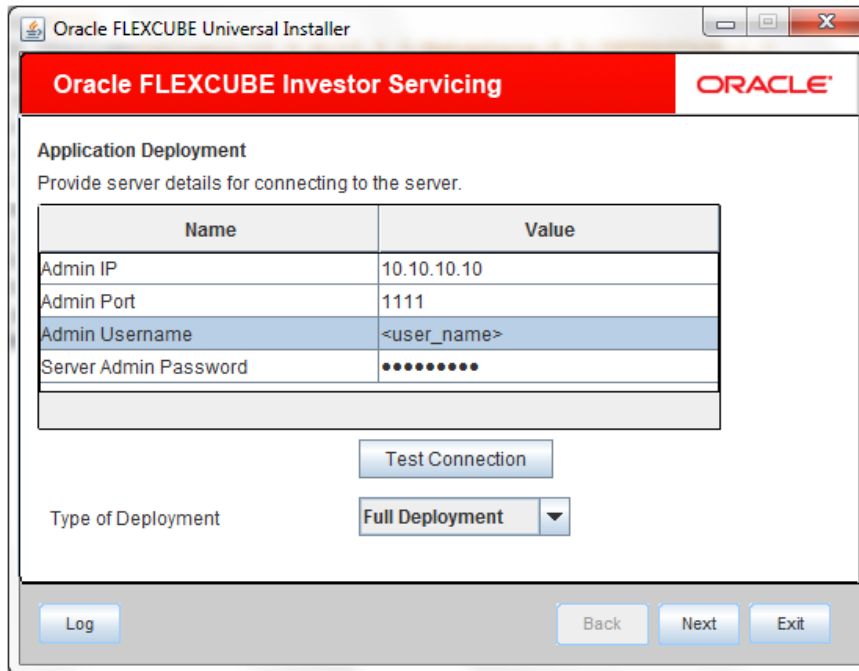
- Click on “Next” to display the screen below.



- 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.



The screenshot shows the 'Oracle FLEXCUBE Investor Servicing' window. It has a red header bar with the Oracle logo. Below the header, the title 'Application Deployment' is followed by the instruction 'Provide server details for connecting to the server.' A table with two columns, 'Name' and 'Value', contains the following entries: 'Admin IP' with value '10.10.10.10', 'Admin Port' with value '1111', 'Admin Username' with value '<user_name>', and 'Server Admin Password' with value '.....'. Below the table is a 'Test Connection' button. Underneath that is a 'Type of Deployment' label followed by a dropdown menu showing 'Full Deployment'. At the bottom of the window are four buttons: 'Log', 'Back', 'Next', and 'Exit'.

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

Test Connection

Type of Deployment: Full Deployment

Log Back Next Exit

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.

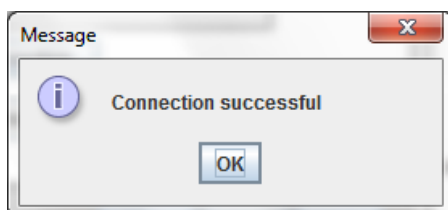
Admin Password

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

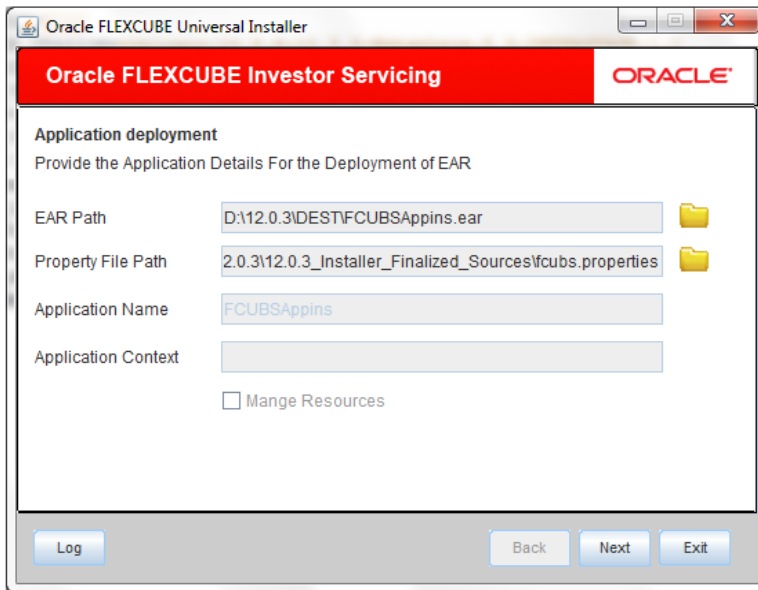
Type of Deployment

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 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.

Oracle FLEXCUBE Universal Installer

Oracle FLEXCUBE Investor Servicing ORACLE

Application Full Deployment
Specify Server environment details for deployment

Domain Name

| S.No. | Server Name | Deploy |
|-------|---------------|--------------------------|
| 1 | AdminServer | <input type="checkbox"/> |
| 2 | ManagedServer | <input type="checkbox"/> |
| 3 | ClusterTest | <input type="checkbox"/> |
| 4 | AVAST | <input type="checkbox"/> |

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.

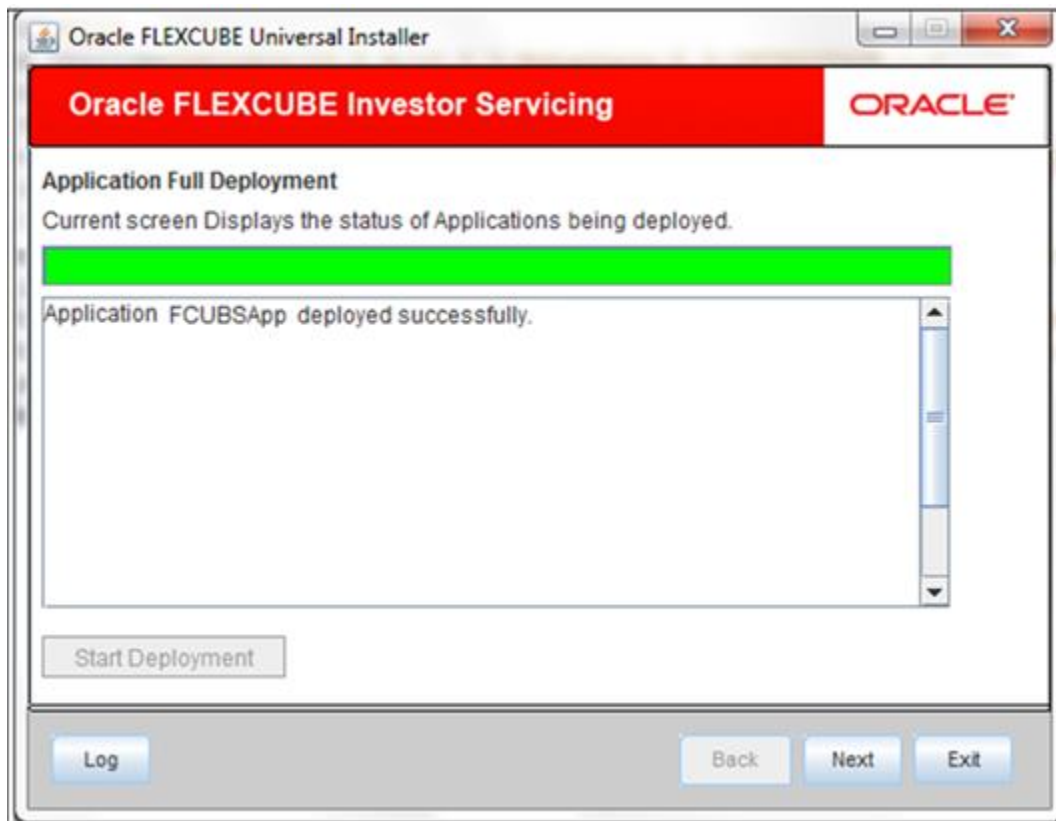
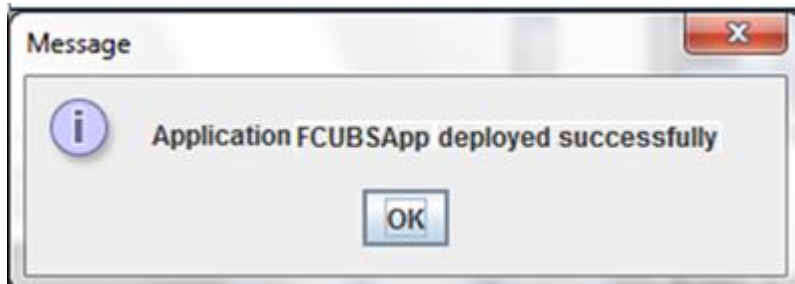
Oracle FLEXCUBE Universal Installer

Oracle FLEXCUBE Investor Servicing ORACLE

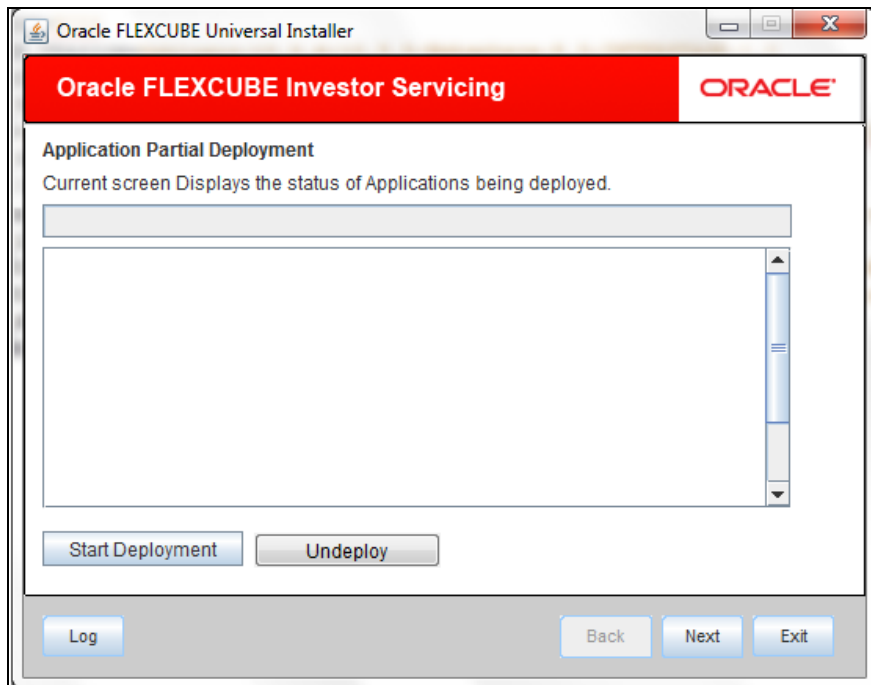
Application Full Deployment
Current screen Displays the status of Applications being deployed.

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.



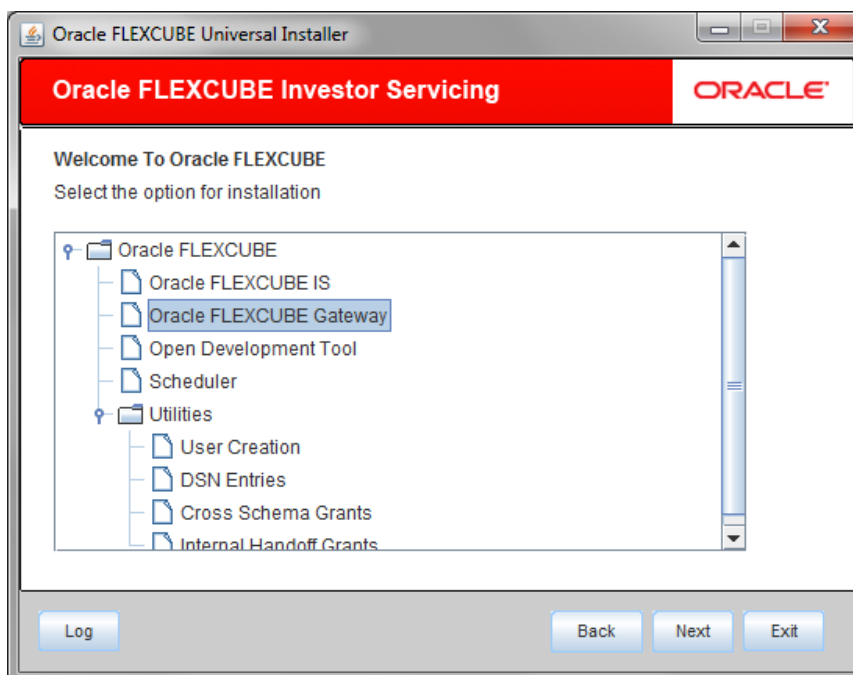
If the deployment is not successful, the 'Undeploy' button will be enabled



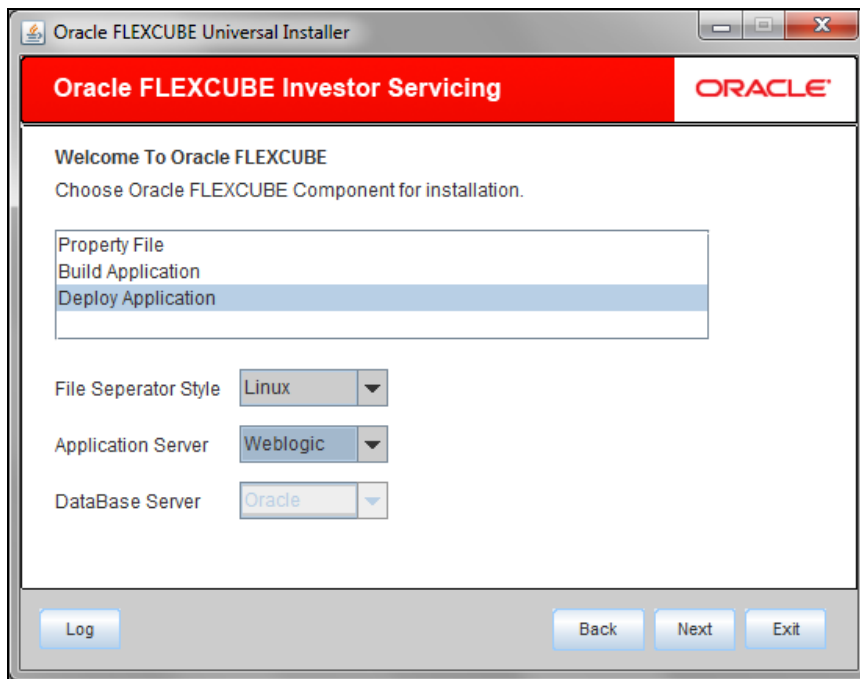
17. Click 'Undeploy' for undeploying the partially deployed EAR from the server.

1.4 Gateway Webservices Application Full Deployment

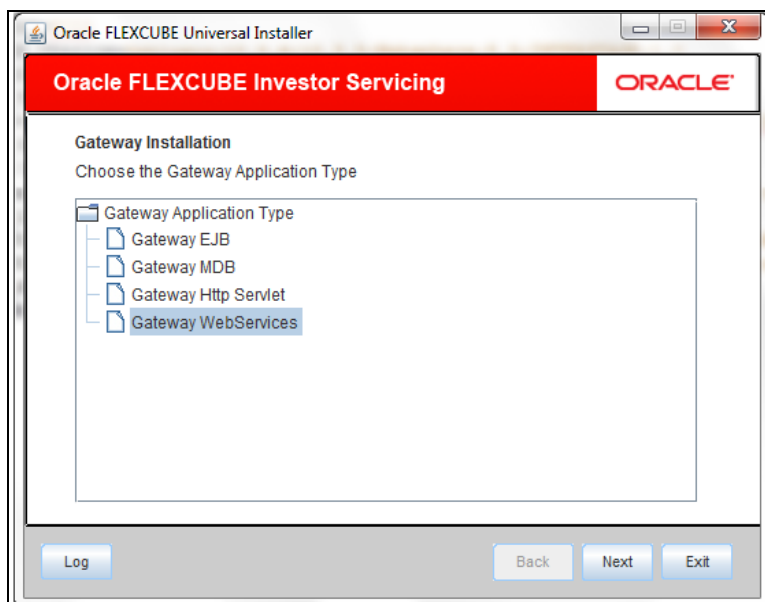
1. Launch Oracle FLEXCUBE Investor Servicing Installer.
2. Click on "Next" to display the screen below.



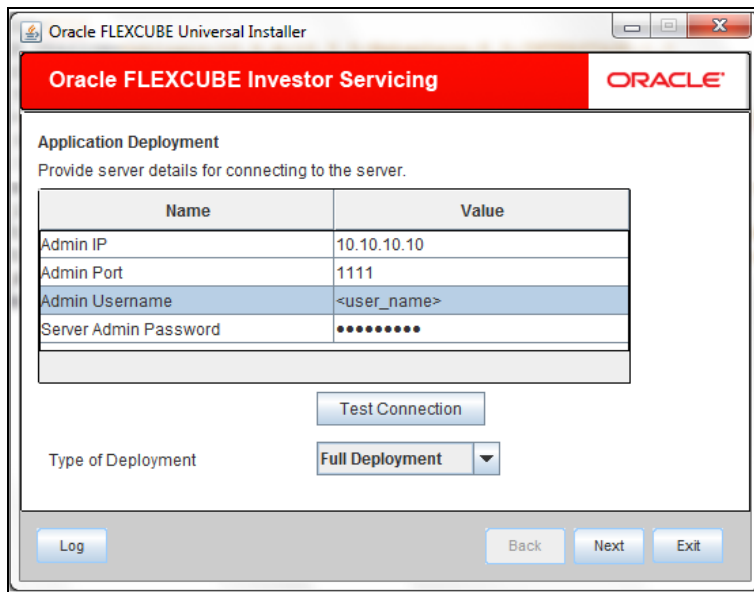
3. Select “Gateway”.
4. Click on “Next” to display the screen below.



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.



The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window. The title bar says 'Oracle FLEXCUBE Universal Installer'. The main window has a red header with 'Oracle FLEXCUBE Investor Servicing' and the 'ORACLE' logo. Below the header, the section is titled 'Application Deployment' with the instruction 'Provide server details for connecting to the server.' There is a table with two columns: 'Name' and 'Value'. The table contains the following rows: 'Admin IP' with value '10.10.10.10', 'Admin Port' with value '1111', 'Admin Username' with value '<user_name>', and 'Server Admin Password' with value '*****'. Below the table is a 'Test Connection' button. Underneath that is a 'Type of Deployment' label and a dropdown menu currently showing 'Full Deployment'. At the bottom of the window are four buttons: 'Log', 'Back', 'Next', and 'Exit'.

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

Test Connection

Type of Deployment: Full Deployment

Log Back Next Exit

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.

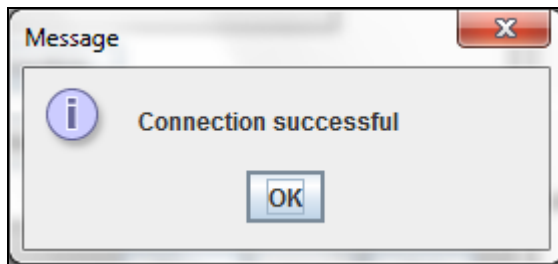
Admin Password

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

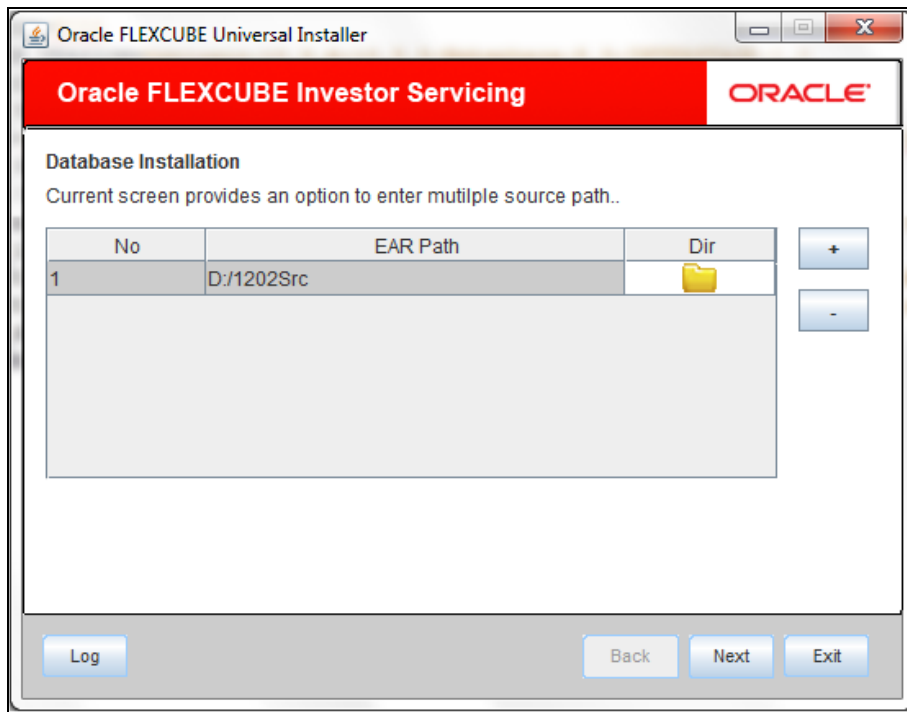
Type of Deployment

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.

| S.No. | Server Name | Deploy |
|-------|---------------|--------------------------|
| 1 | AdminServer | <input type="checkbox"/> |
| 2 | ManagedServer | <input type="checkbox"/> |
| 3 | ClusterTest | <input type="checkbox"/> |
| 4 | AVAST | <input type="checkbox"/> |

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

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

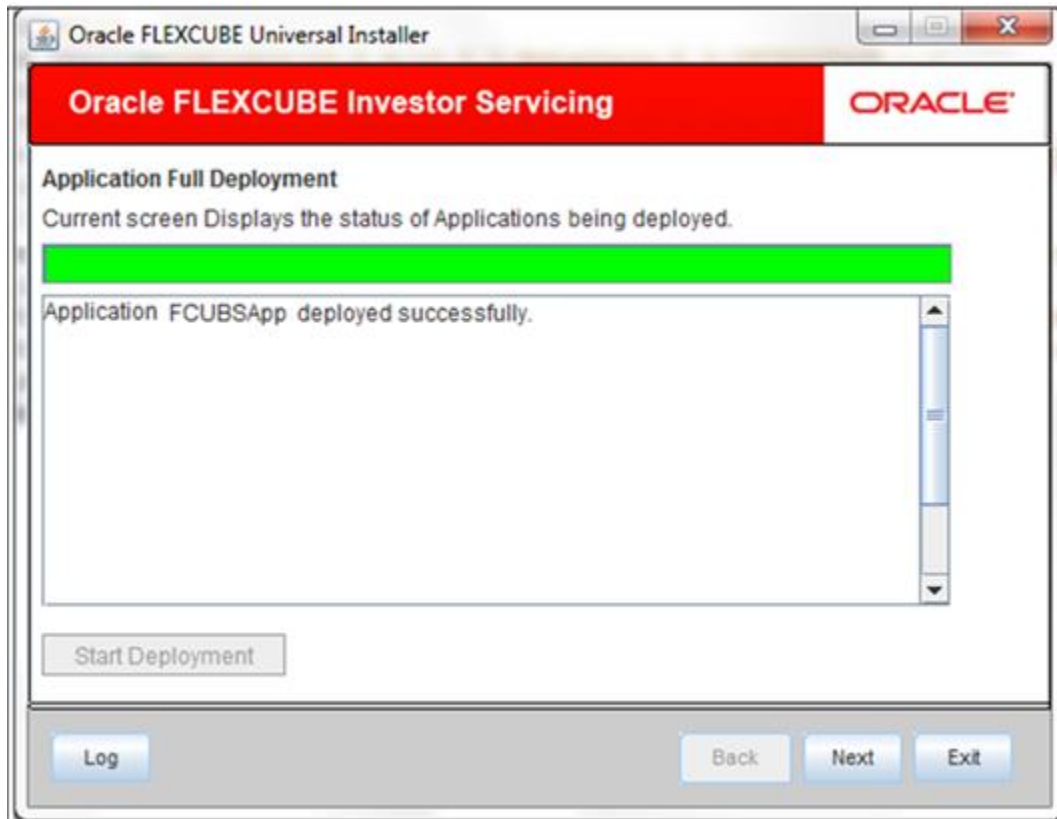
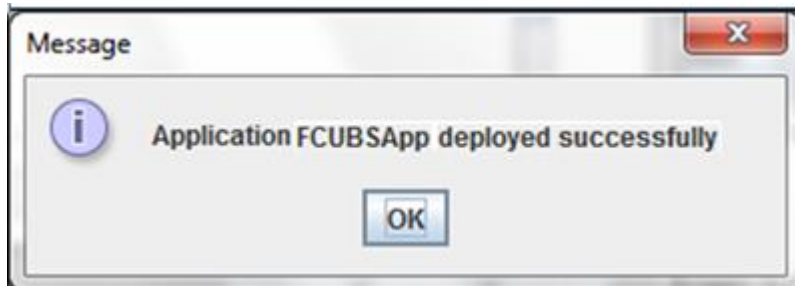
Atleast one server should be selected to proceed to next screen.

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

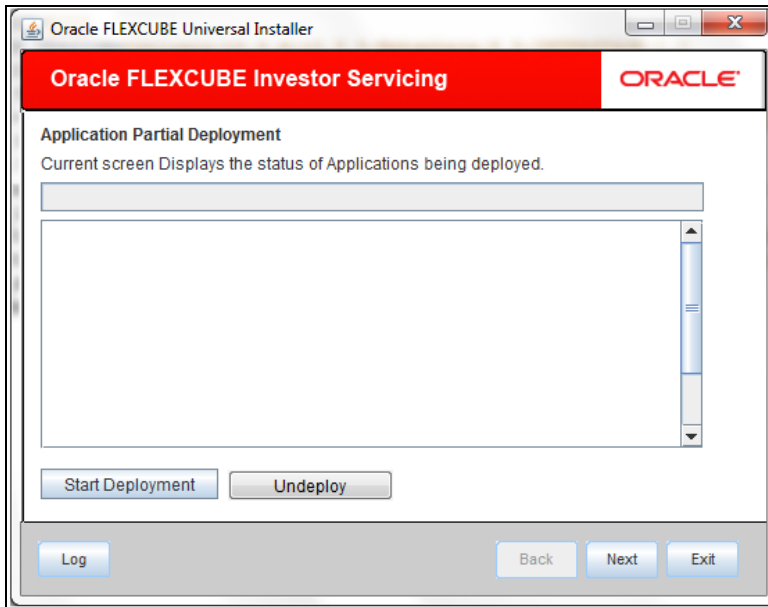
Start Deployment

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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