

Gateway Application Deployment in Weblogic  
Oracle Banking ELCM

Release 14.7.4.0.0

Part No. F99734-01

[June] [2024]



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## Table of Contents

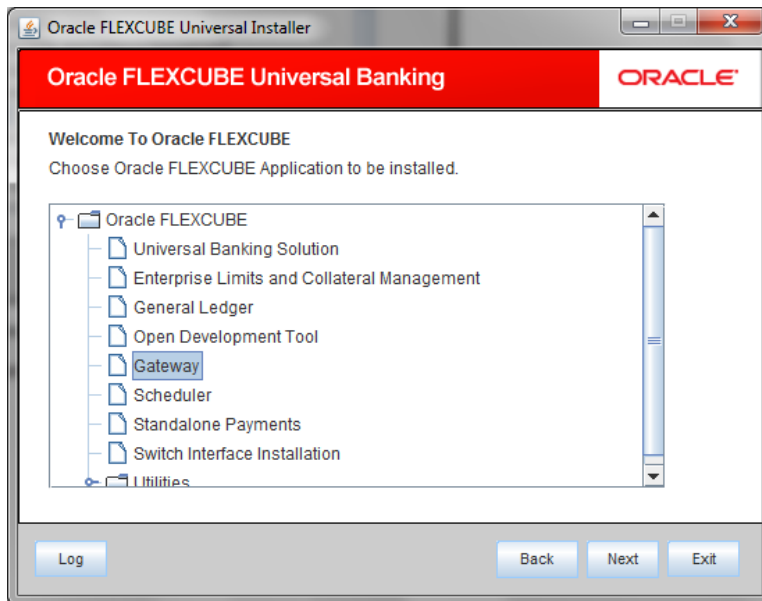
<b>1. GATEWAY APPLICATION FULL DEPLOYMENT .....</b>	<b>1-1</b>
1.1 GATEWAY EJB APPLICATION FULL DEPLOYMENT .....	1-1
<b>2. GATEWAY MDB APPLICATION FULL DEPLOYMENT .....</b>	<b>2-1</b>
<b>3. GATEWAY HTTP SERVLET APPLICATION FULL DEPLOYMENT .....</b>	<b>3-1</b>
<b>4. GATEWAY WEBSERVICES APPLICATION FULL DEPLOYMENT .....</b>	<b>4-1</b>

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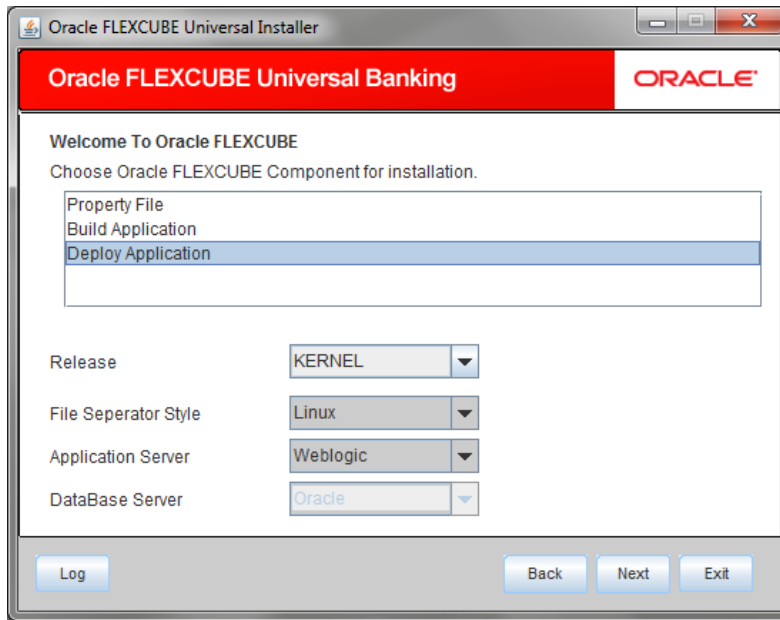
# 1. Gateway Application Full Deployment

## 1.1 Gateway EJB Application Full Deployment

1. Launch Oracle FLEXCUBE Universal Banking Solution Installer.
2. Click 'Next' and the following screen is displayed:



3. Select 'Gateway'.
4. Click 'Next' and the following screen is displayed:



5. Select 'Deploy Application'.
6. Specify the following details:

#### **Release**

Select the release in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

#### **Server's Operating System**

Select the server's operating system in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

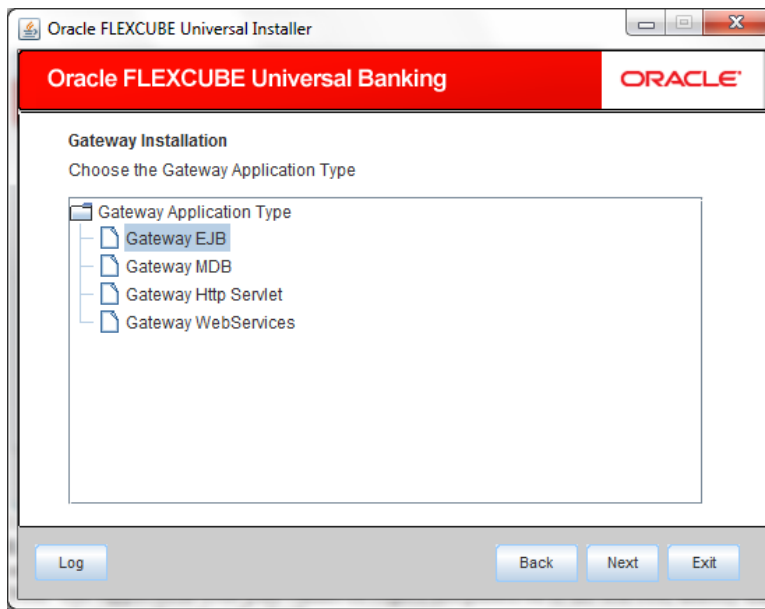
#### **Application Server**

Select 'Weblogic' from the adjoining drop down list.

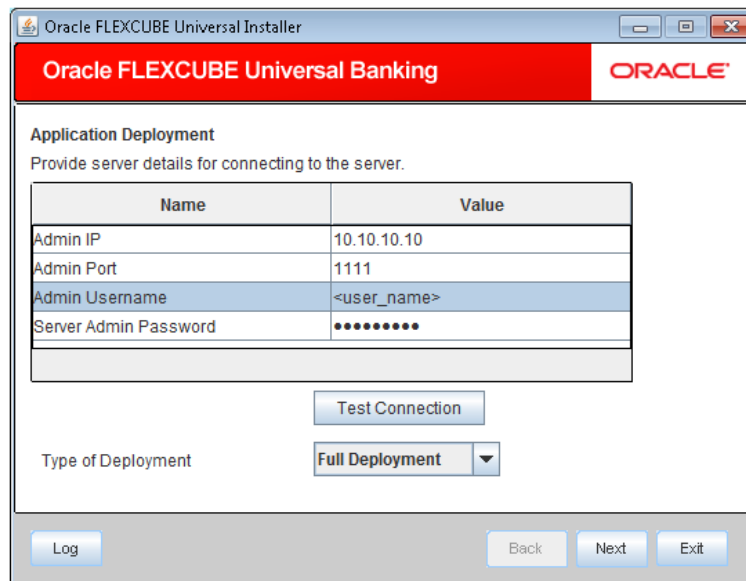
#### **Database Server**

Select the database server in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

1. Click 'Next' and the following screen is displayed:



2. Select 'Gateway EJB'.
3. Click 'Next' and the following screen is displayed:



4. Specify the following details:

#### **Admin IP**

By default it will display local host and user cannot edit it.

### Admin Port

Provide port number of weblogic server.

### Admin UserName

Specify the appropriate admin username of the weblogic application server.

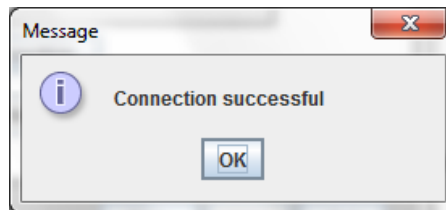
### Admin Password

Specify the appropriate admin password of the weblogic application server.

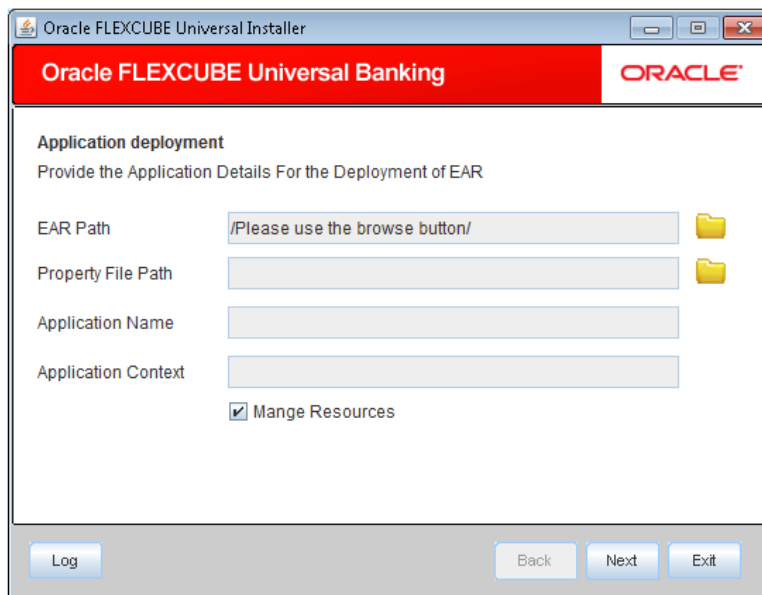
### Type of Deployment

Select 'Full Deployment'.

1. Click 'Test Connection' to test the connection with the application server. On successful connection, the following message is displayed.



2. Click 'Next' and the following screen is displayed:



3. Specify the following details:

## EAR Path/Property File Path

Please specify the property file location. You can use the directory button to browser and select the directory.

## Application Name

Application name gets displayed on selection of EAR path.

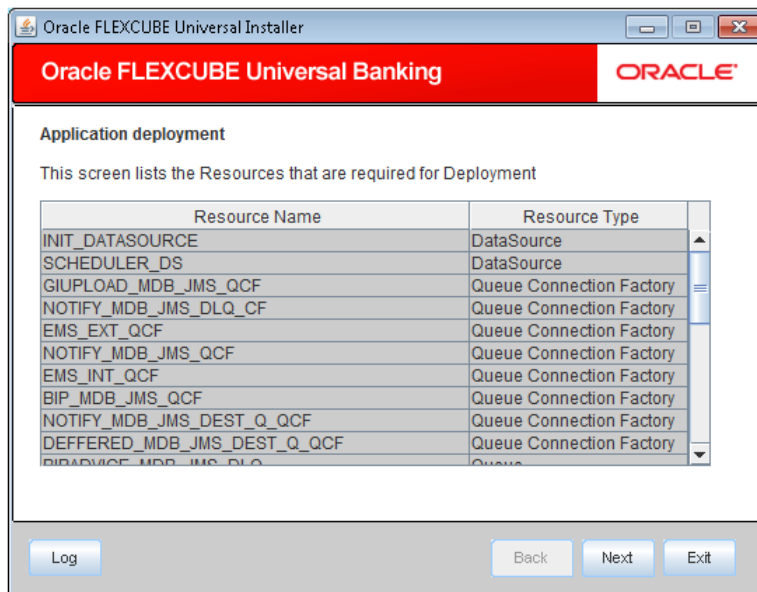
## Application Context

Application context gets displayed on selection of EAR path.

## Manage Resources

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

4. Click 'Next' and the following screen is displayed:



The current screen shows a list and type of resources that are created.

5. Click 'Next' and the following screen is displayed:

**Oracle FLEXCUBE Universal Banking**

**Application deployment**

Please select the resource and update the details

Resource ID: **INIT\_DATASOURCE**

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

Buttons: Save Changes, Test Connection, ☐ Modify JDBC url, Log, Back, Next, Exit

6. Specify the following details:

#### Resource ID

Select the data source needs to get created from the adjoining drop down list.

#### DataSource Driver

Specify the jdbc driver url with which the connection is established.

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

#### DataSource Type

Specify the type of datasource that is to be created, XA or Non-XA.

#### Schema Username

Specify the username of the schema to which the connection is established.

#### Schema Paasword

Specify the password of the schema.

#### IP Address

Specify to provide the host address of the schema.

#### Port Number

Specify the port number of schema.



**Service Name**

Specify 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**

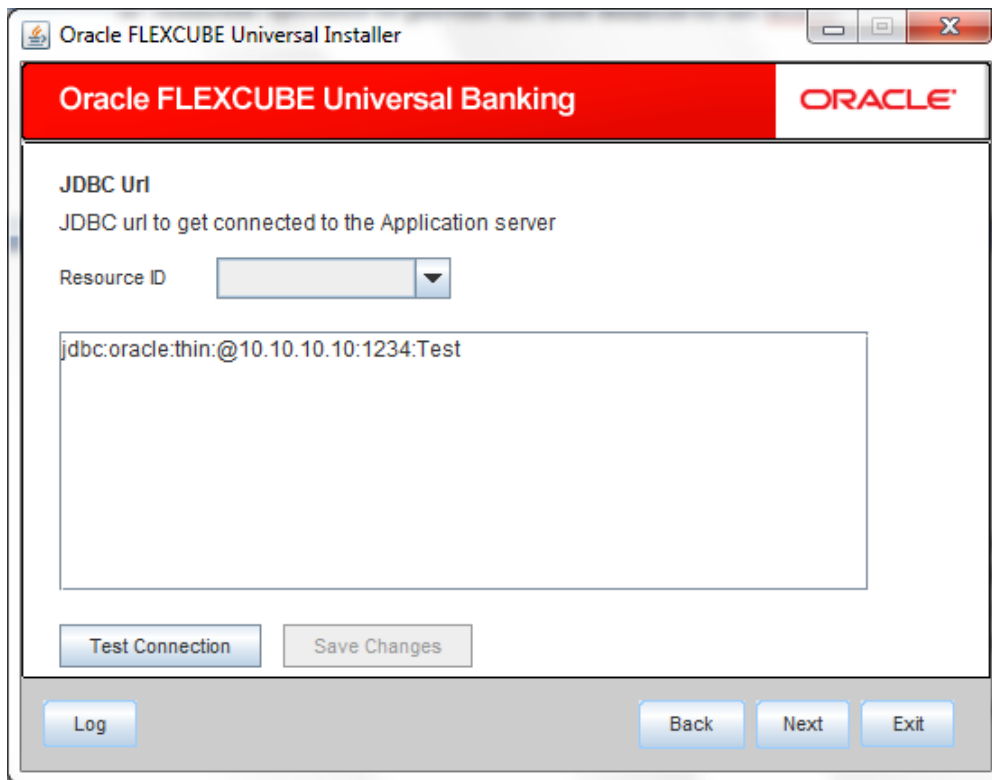
The number of seconds after which a call to reserve a connection from the connection pool will timeout.

1. Click 'Save Changes' to save the values provided in the table against corresponding value of Resource ID.
2. Click 'Test Connection' to establish connection with required details provided in the table.
3. Click 'Next' and the following screen is displayed:

**Modify JDBC URL**

Select modify JDBC url for modifying the JDBC url.

1. If 'Modify JDBC url' is selected, the following screen is displayed.



2. Specify the following details:

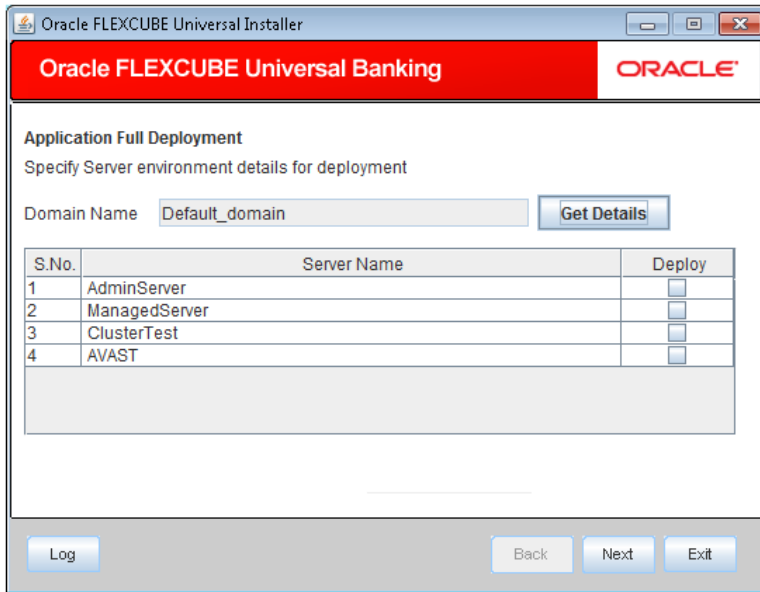
### Resource ID

It provides the list of all the datasources created. Select the data source for which the JDBC url needs to be modified.

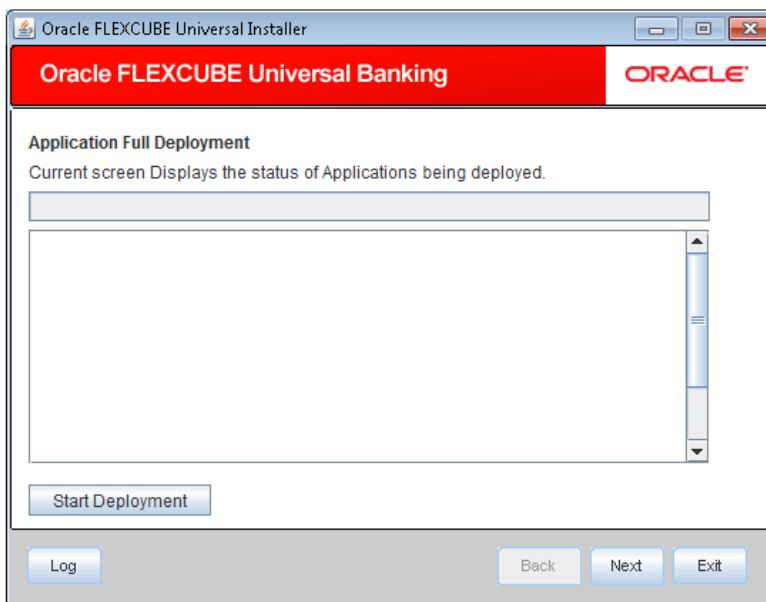


The url generated from the previous screen will be displayed here. If the user wants to change the Url , it can be changed in the present screen.

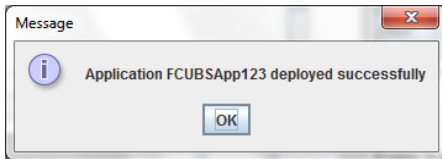
1. Click 'Test Connection' to check the connection using the changed url, If the url changed is correct the connection will be success.
2. Click on 'Save Changes' fo4r saving the changed JDBC url.
3. Click 'Next' and the following screen is displayed:



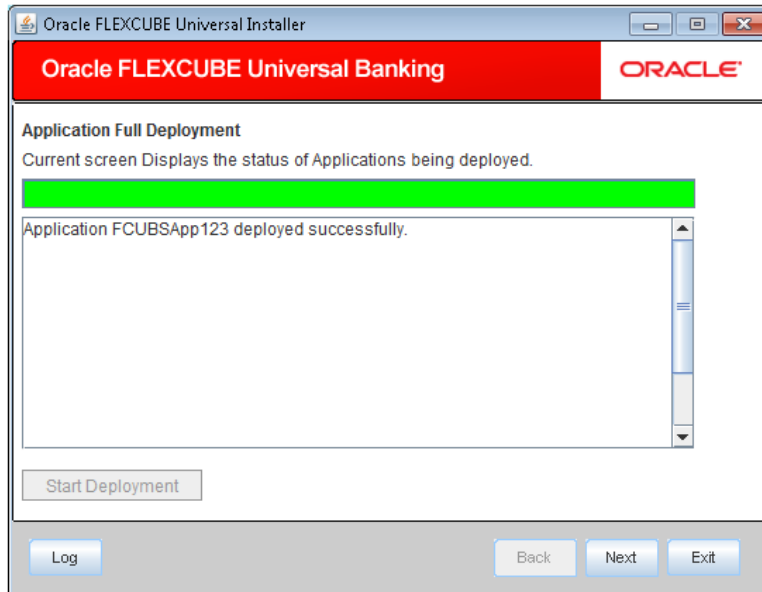
4. The domain name shows the weblogic domains name.
5. Click 'Get Details' to display the list of available servers. Atleast one server should be selected to proceed to next screen.
6. Click 'Next' and the following screen is displayed:



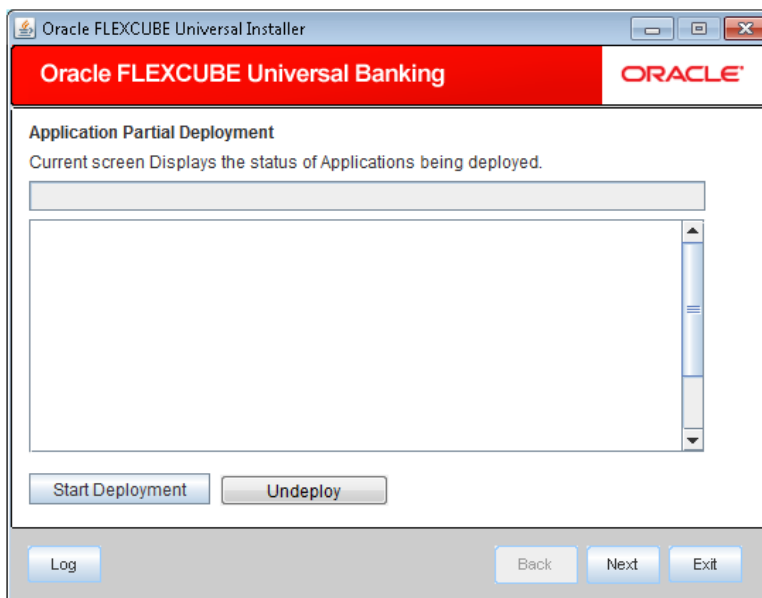
7. Click 'Start Deployment' to begin the process of application deployment.
8. On successful deployment, the following screen is displayed:



9. Click 'OK' and the following screen is displayed:



10. If the deployment is not successful, the 'Undeploy' button gets enabled.

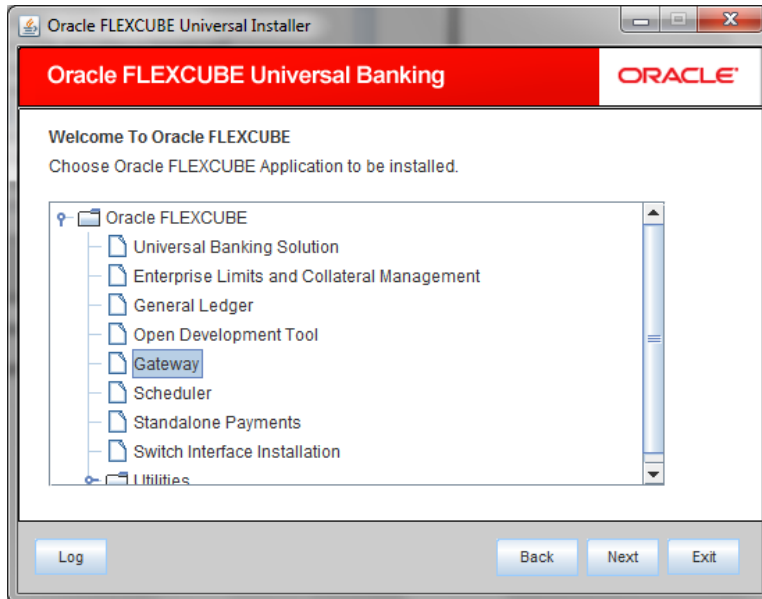


11. Click 'Undeploy' for undeploying the partially deployed EAR from the server.

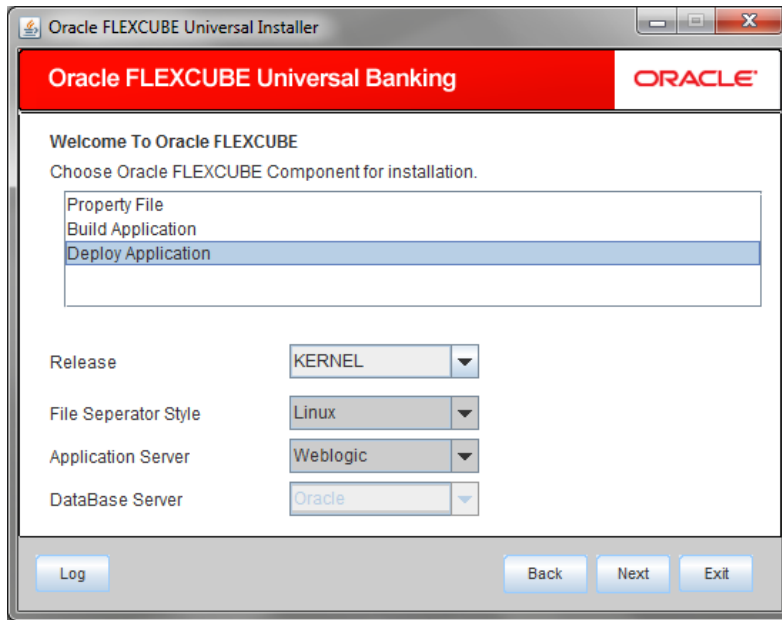
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## 2. Gateway MDB Application Full Deployment

1. Launch Oracle FLEXCUBE Universal Banking Solution Installer.
2. Click 'Next' and the following screen is displayed:



3. Select 'Gateway'.
4. Click 'Next' and the following screen is displayed:



5. Select 'Deploy Application'.

### Release

Select the release in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

### Server's Operating System

Select the server's operating system in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

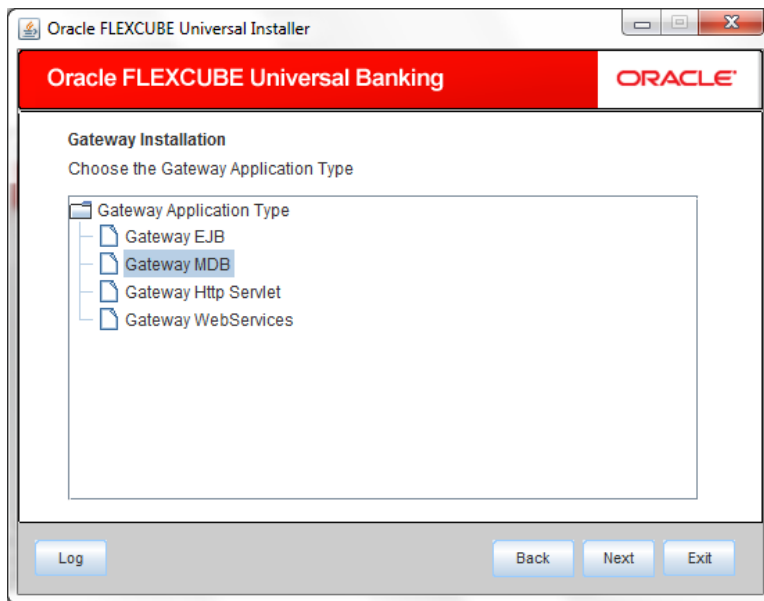
### Application Server

Select 'Weblogic' from the adjoining drop down list.

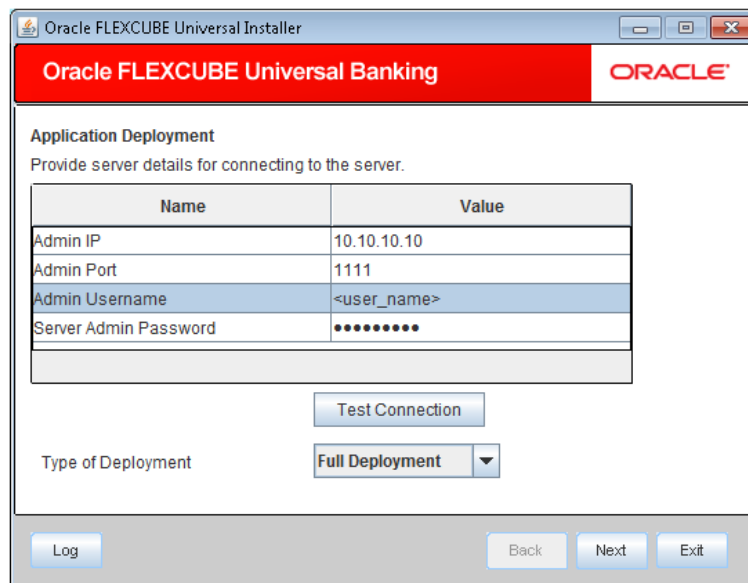
### Database Server

Select the database server in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

1. Choose the appropriate Server's Operating System from the drop down.
2. Choose 'weblogic' from the Application Server drop down.
3. Click 'Next' and the following screen is displayed:



4. Select 'Gateway MDB'
5. Click 'Next' and the following screen is displayed:



6. Specify the following details:

#### **Admin IP**

By default it will display local host and user can not edit it.

#### **Admin Port**

Specify port number of weblogic server.

### Admin UserName

Specify the appropriate admin username of the weblogic application server.

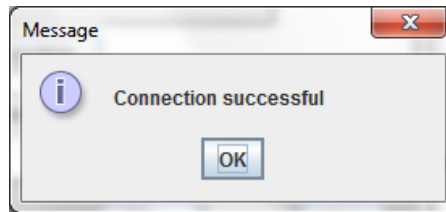
### Admin Password

Specify the appropriate admin password of the weblogic application server.

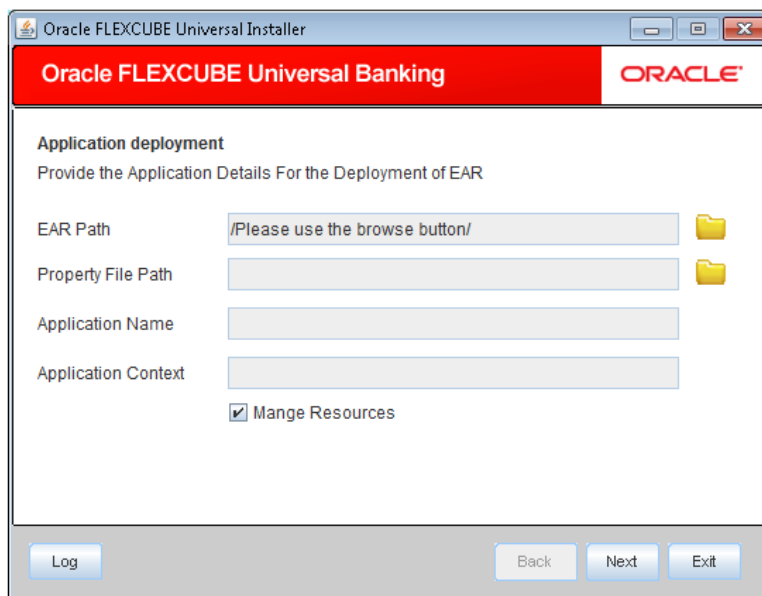
### Type of Deployment

Select 'Full Deployment'.

1. Click 'Test Connection' to test the connection with the application server. On successful connection, the following screen is displayed:



2. Click 'OK'.
3. Click 'Next' and the following screen is displayed:




4. Specify the following details.

### EAR Path

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



 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 specify the property file location. You can use the directory button to browser and select the directory.

### Application Name

Application name gets displayed on selection of EAR path.

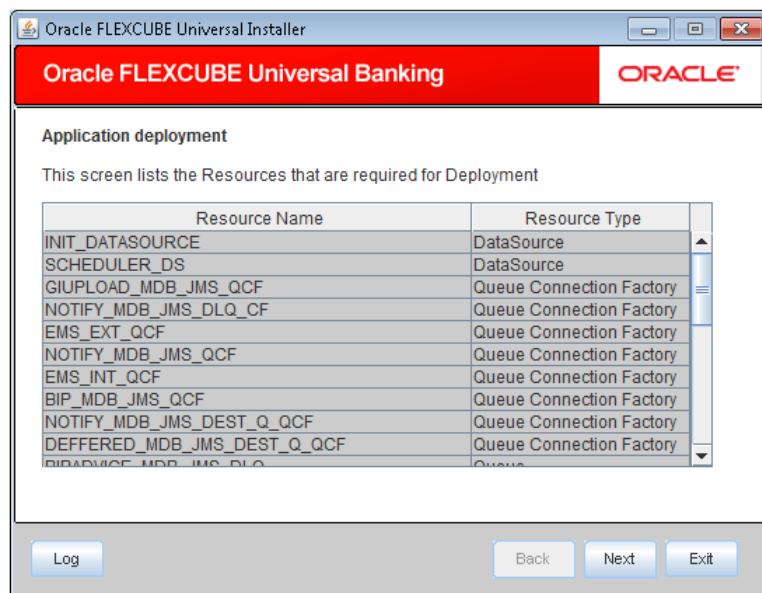
### Application Context

Application context gets displayed on selection of EAR path.

### Manage Resources

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

1. Click 'Next' and the following screen is displayed:



The current screen shows a list and type of resources that are created.

2. Click 'Next' and the following screen is displayed:

**Oracle FLEXCUBE Universal Banking**

**Application deployment**

Please select the resource and update the details

Resource ID: **INIT\_DATASOURCE**

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

Save Changes Test Connection ☒ Modify JDBC url

Log Back Next Exit

3. Specify the following details:

#### Resource ID

Select the data source needs to get created from the adjoining drop down list.

#### DataSource Driver

Specify the jdbc driver url with which the connection is established.

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

#### DataSource Type

Specify the type of datasource that is to be created, XA or Non-XA.

#### Schema Username

Specify the username of the schema to which the connection is established.

#### Schema Paasword

Specify the password of the schema.

#### IP Address

Specify to provide the host address of the scema.

#### Port Number

Specify the port number of schema.

**Service Name**

Specify 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.

1. Click 'Save Changes' to save the values provided in the table against corresponding value of Resource ID.
2. Click 'Test Connection' to establish connection with required details provided in the table.

**Modify JDBC Url**

Select modify JDBC url for modifying the JDBC url.

If 'Modify JDBC url' is selected, the following screen is displayed.

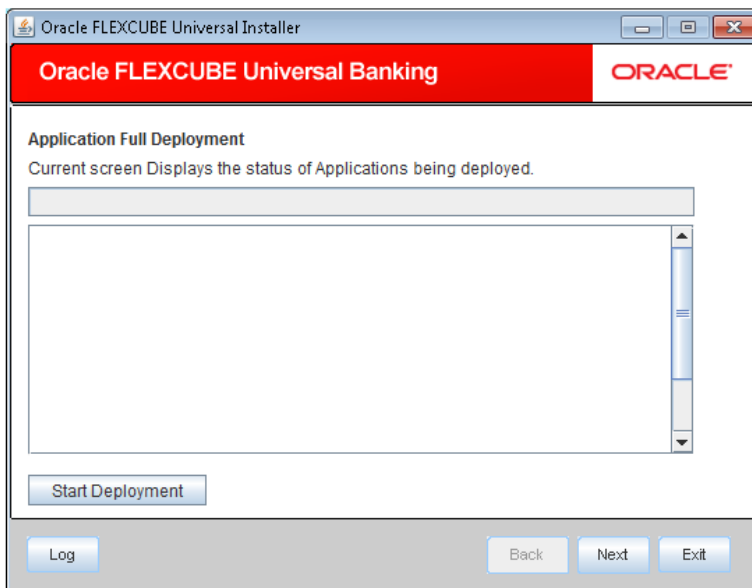
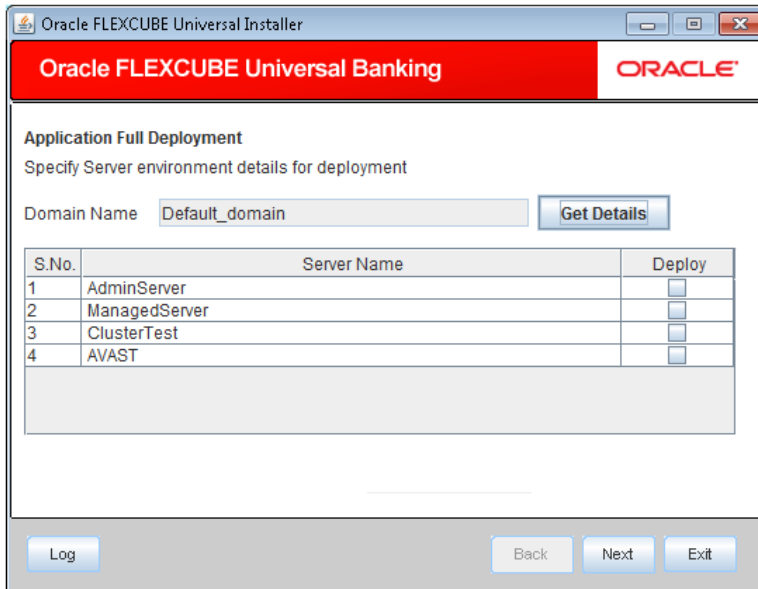
## Resource ID

It provides the list of all the datasources created. Select the data source for which the JDBC url needs to be modified.

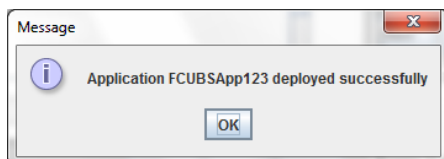


The url generated from the previous screen will be displayed here. If the user wants to change the Url , it can be changed in the present screen.

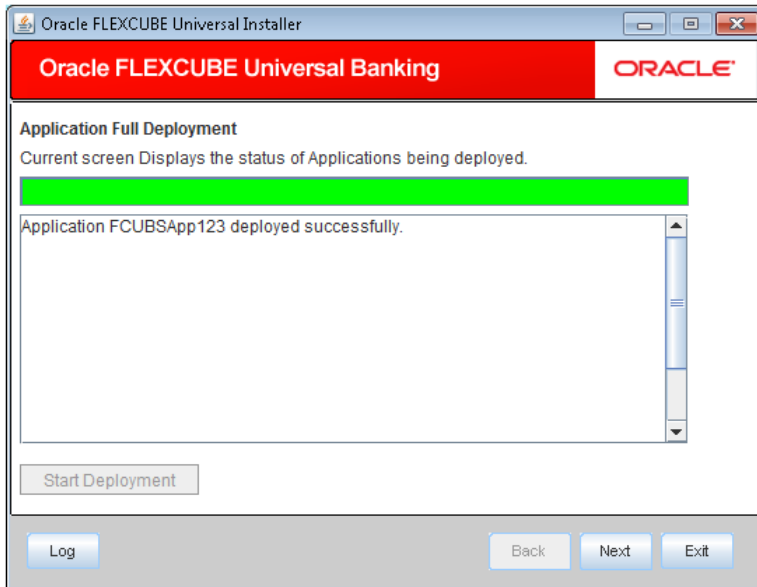
1. Click 'Test Connection' to check the connection using the changed url, If the url changed is correct the connection will be success.
2. Click 'Save Changes' for saving the changed JDBC url.
3. Click 'Next' and the following screen is displayed:
4. The domain name shows the weblogic domains name.
5. Click 'Get Details', the list of available servers are displayed in the table. Atleast one server should be selected to proceed to next screen.
6. Click 'Next' and the following screen is displayed:



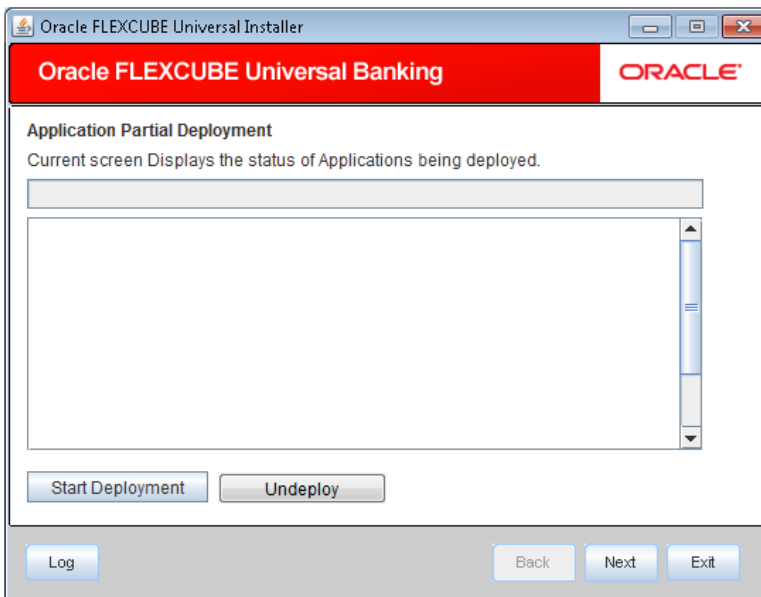
7. Click on 'Start Deployment' to begin the process of application deployment.
8. On successful deployment, the following screen is displayed:



9. Click 'OK' and the following screen is displayed:



10. If the deployment is not successful, the 'Undeploy' button gets enabled.

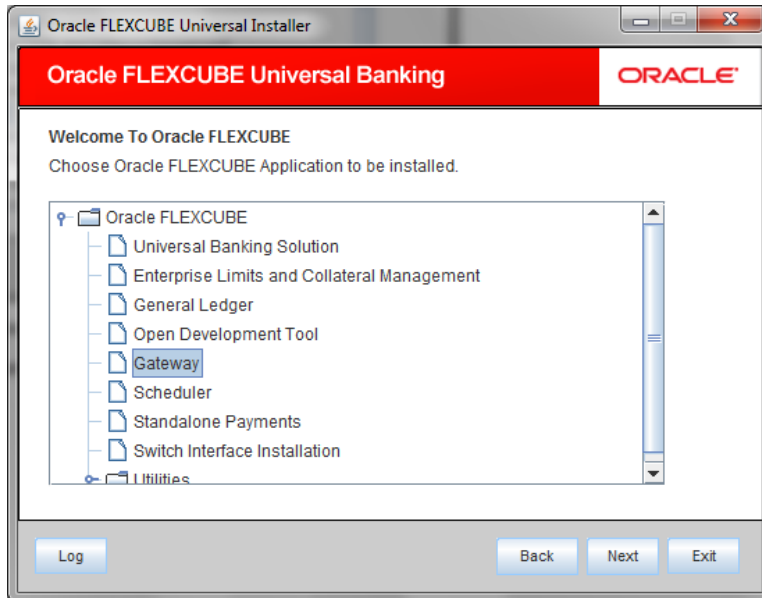


11. Click 'Undeploy' for undeploying the partially deployed EAR from the server.

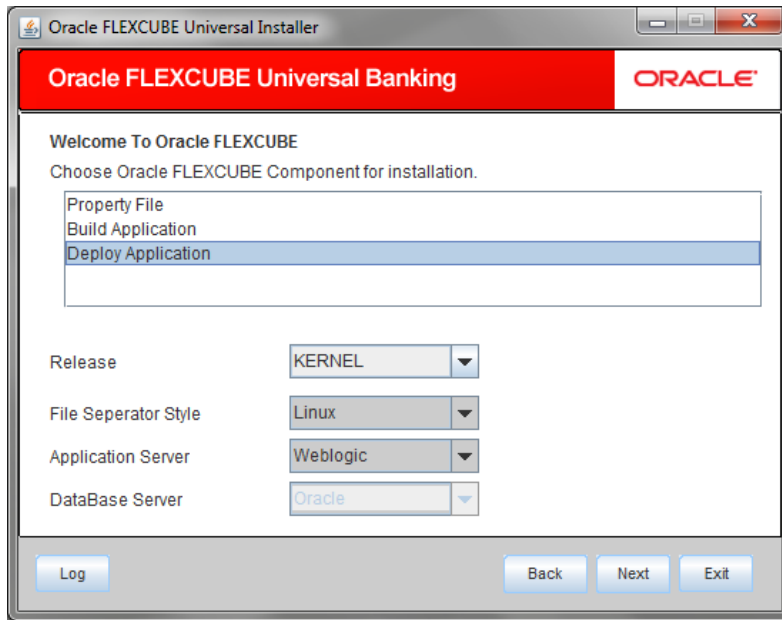
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### 3. Gateway HTTP Servlet Application Full Deployment

1. Launch Oracle FLEXCUBE Universal Banking Solution Installer.
2. Click 'Next' and the following screen is displayed:



3. Select 'Gateway'.
4. Click 'Next' and the following screen is displayed:



5. Select 'Deploy Application'.
6. Specify the following details:

#### **Release**

Select the release in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

#### **Server's Operating System**

Select the server's operating system in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

#### **Application Server**

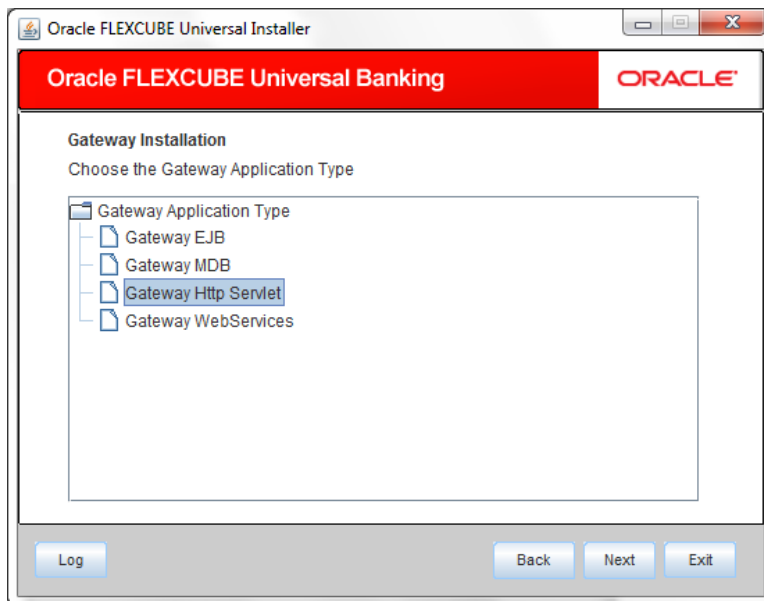
Select 'Weblogic' from the adjoining drop down list.

#### **Database Server**

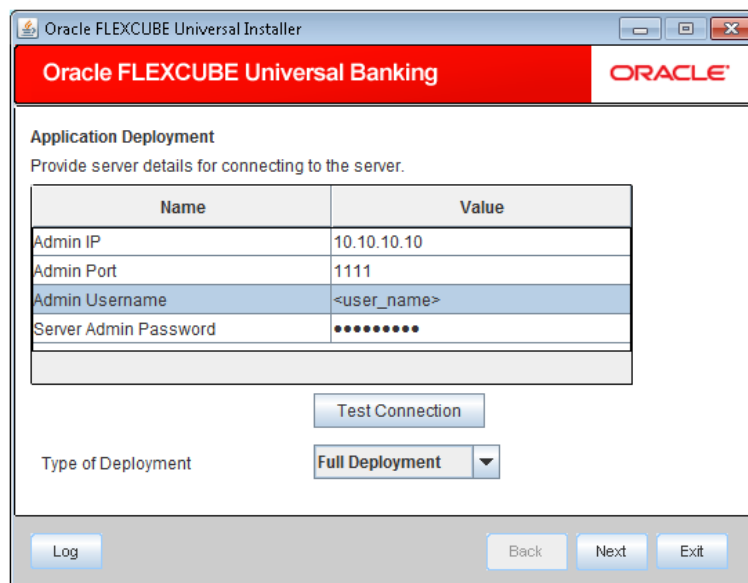
Select the database server in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

1. Click 'Next' and the following screen is displayed:





2. Select 'Gateway MDB' .
3. Click 'Next' and the following screen is displayed:



4. Specify the following details:

#### **Admin IP**

By default it will display local host and user cannot edit it.

#### **Admin Port**

Specify port number of weblogic server.

### Admin UserName

Specify provide the appropriate admin username of the weblogic application server.

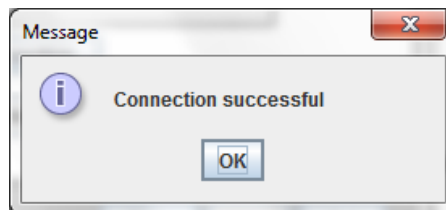
### Admin Password

Specify provide the appropriate admin password of the weblogic application server.

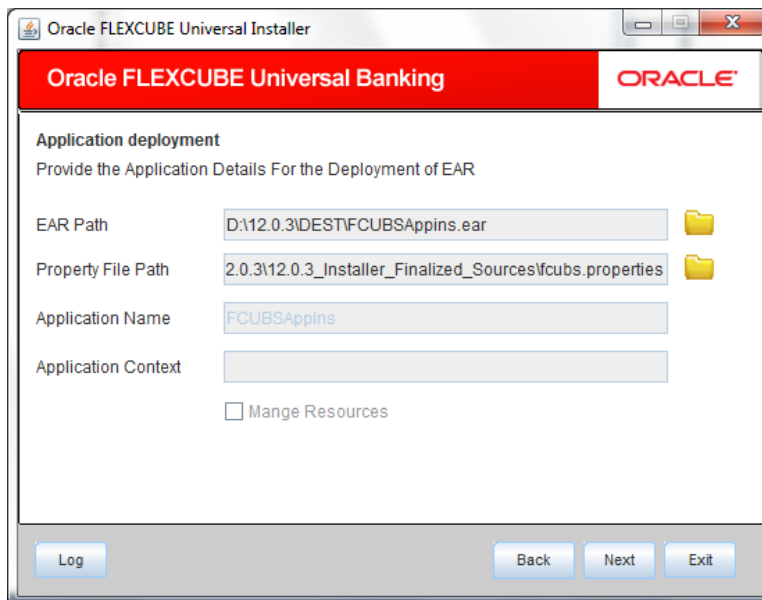
### Type of Deployment

Select 'Full Deployment'.

1. Click 'Test Connection' to test the connection with the application server. On successful connection, the following screen is displayed:



2. Click on 'OK'
3. Click 'Next' and the following screen is displayed:



4. Specify the following details:

### EAR Path

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



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

If the property file is internal to the application EAR, it gets displayed here on selection of EAR path. If the property file is external, specify the location. You can use the directory button to browser and select the directory.

### Application Name

Not applicable

### Application Context

Not applicable

### Manage Resources

Not supported.

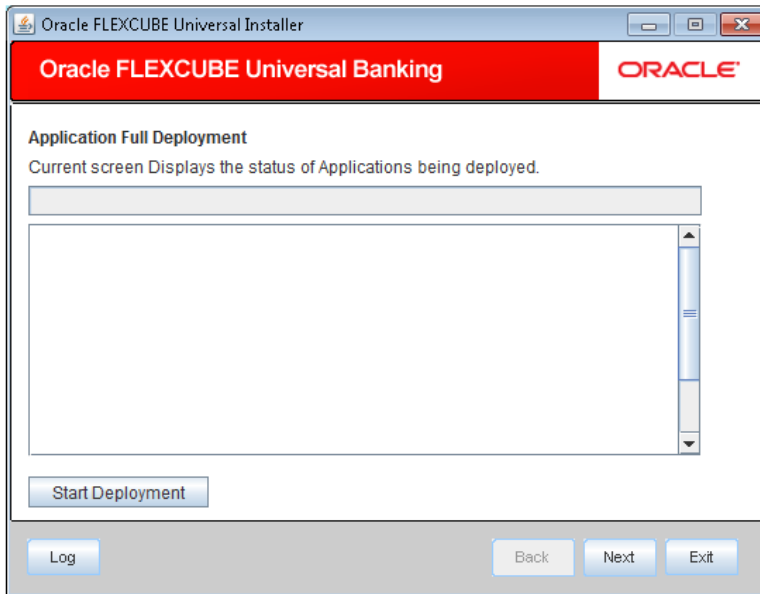
5. Click 'Next' and the following screen is displayed:

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"/>

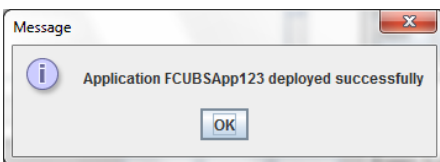
6. The Domain Name shows the weblogic domains name.
7. Click 'Get Details', the list of available servers are displayed in the table.

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

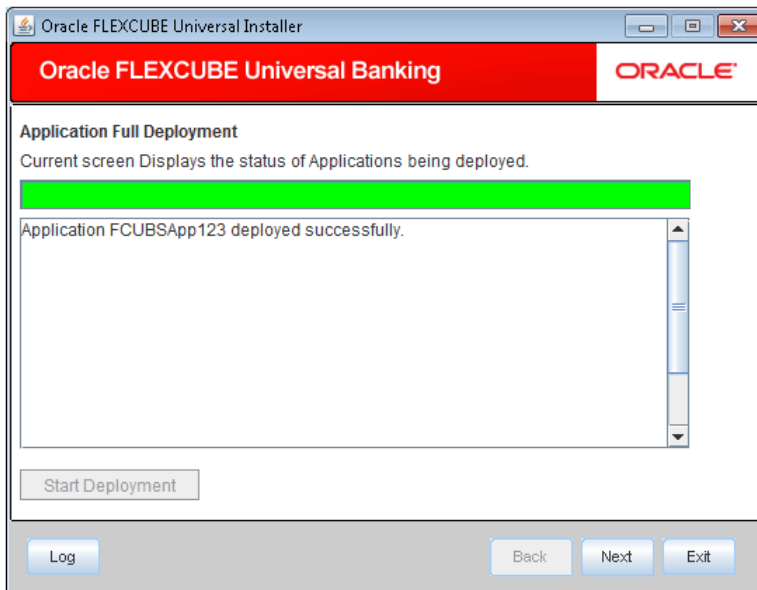
8. Click 'Next' and the following screen is displayed:



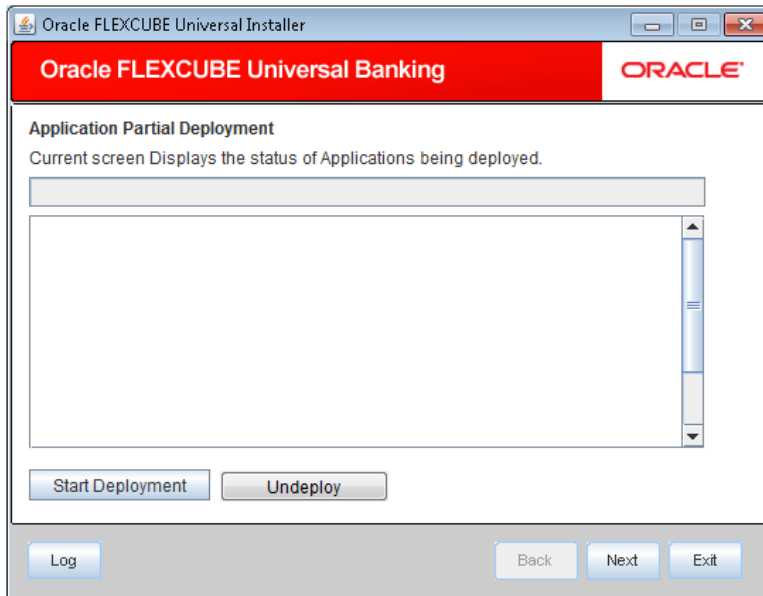
9. Click 'Start Deployment' to begin the process of application deployment.
10. On successful deployment, the following screen is displayed:



11. Click 'OK' and the following screen is displayed:



12. If the deployment is not successful, the 'Undeploy' button gets enabled.

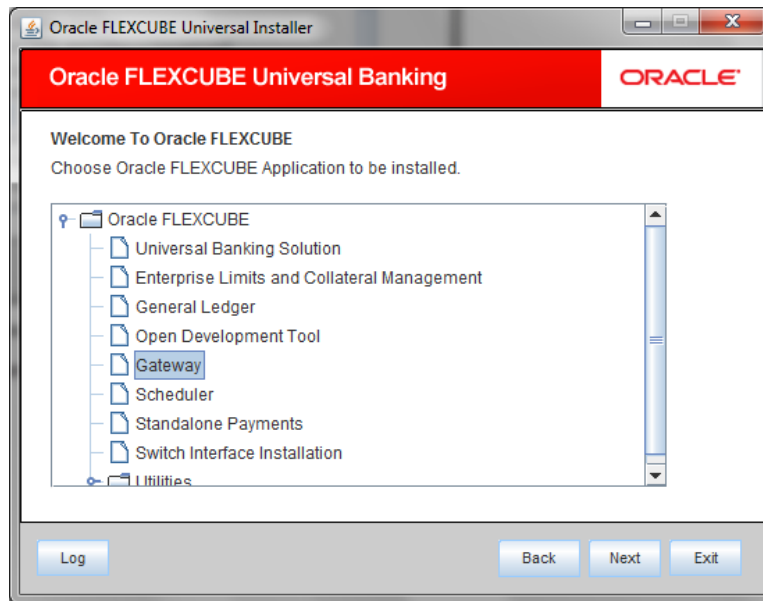


13. Click 'Undeploy' for undeploying the partially deployed EAR from the server.

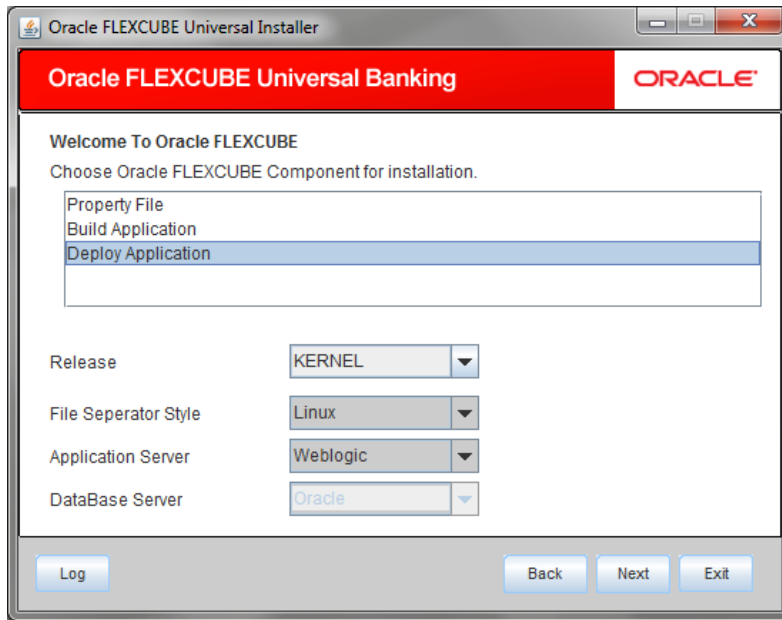
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## 4. Gateway Webservices Application Full Deployment

1. Launch Oracle FLEXCUBE Universal Banking Solution Installer.
2. Click 'Next' and the following screen is displayed:



3. Select 'Gateway'.
4. Click 'Next' and the following screen is displayed:



5. Select 'Deploy Application'.
6. Specify the following details:

#### **Release**

Select the release in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

#### **Server's Operating System**

Select the server's operating system in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

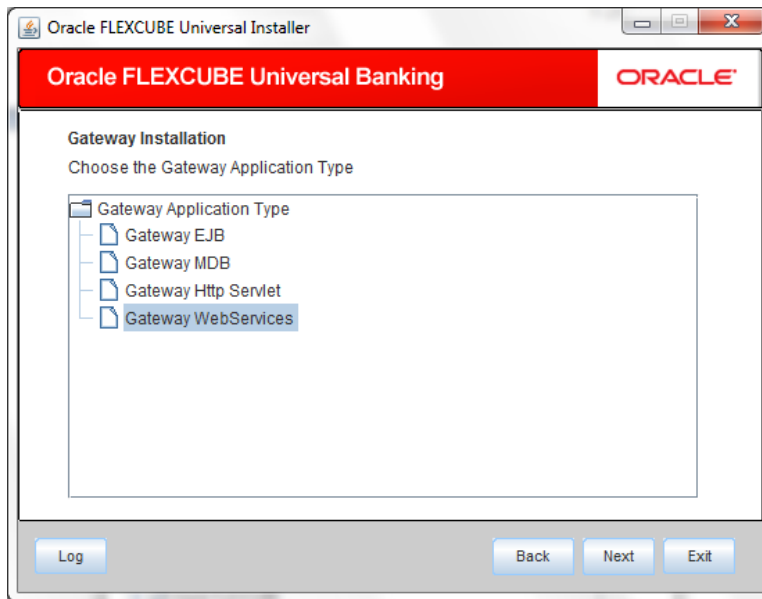
#### **Application Server**

Select 'Weblogic' from the adjoining drop down list.

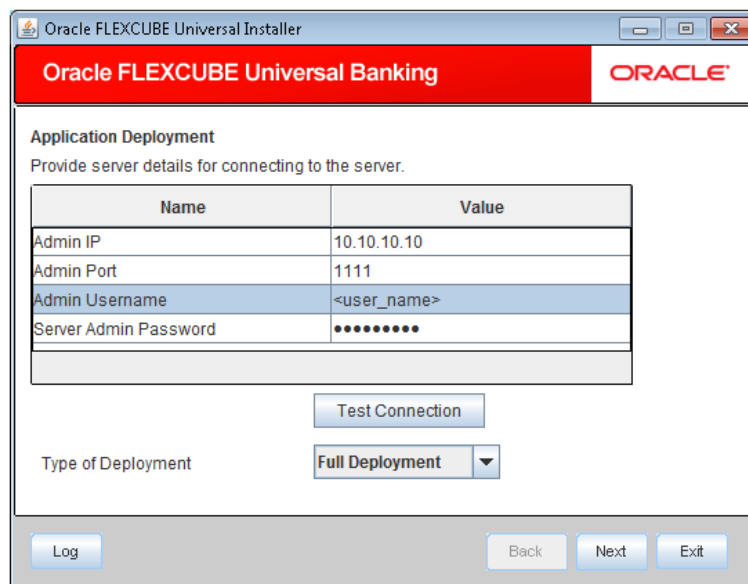
#### **Database Server**

Select the database server in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

7. Click 'Next' and the following screen is displayed:



8. Select 'Gateway MDB' and click 'Next', the following screen is displayed:



9. Specify the following details:

#### **Admin IP**

By default it will display local host and user cannot edit it.

#### **Admin Port**

Specify port number of weblogic server.



### Admin UserName

Specify the appropriate admin username of the weblogic application server.

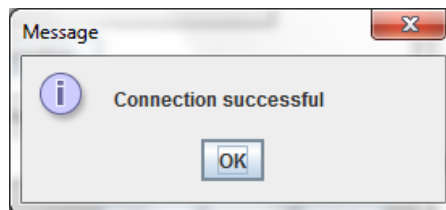
### Admin Password

Specify the appropriate admin password of the weblogic application server.

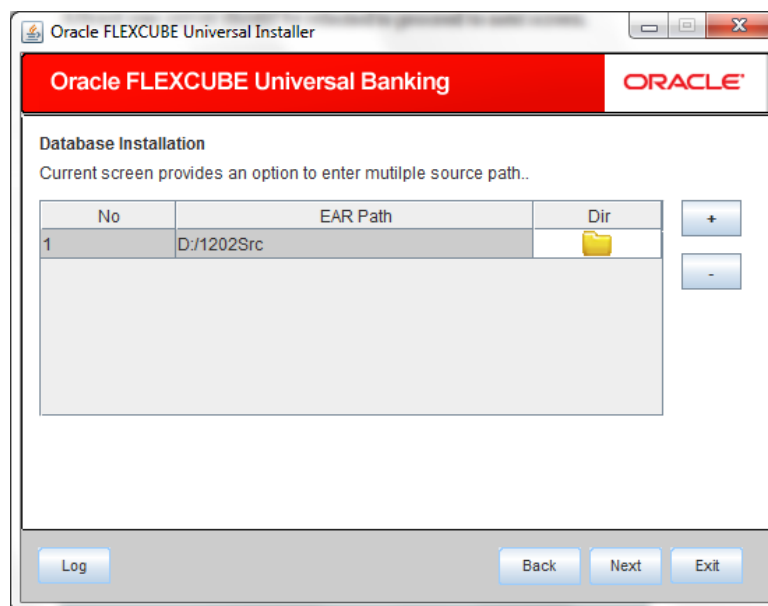
### Type of Deployment

Select 'Full Deployment'.

10. Click 'Test Connection' to test the connection with the application server. On successful connection, the following message is displayed:



11. Click 'OK'.
12. Click 'Next' and the following screen is displayed:



13. Specify the following details:

### EAR Path

Specify the EAR path for the applications to be deployed.



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

14. Click 'Next' and the following screen is displayed:

Oracle FLEXCUBE Universal Banking

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"/>

15. The Domain Name shows the weblogic domains name.

16. Click 'Get Details', the list of available servers are displayed in the table.

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

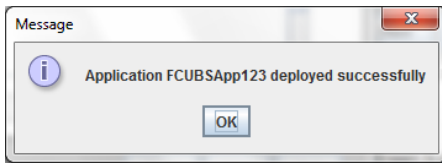
17. Click 'Next' and the following screen is displayed:

Oracle FLEXCUBE Universal Banking

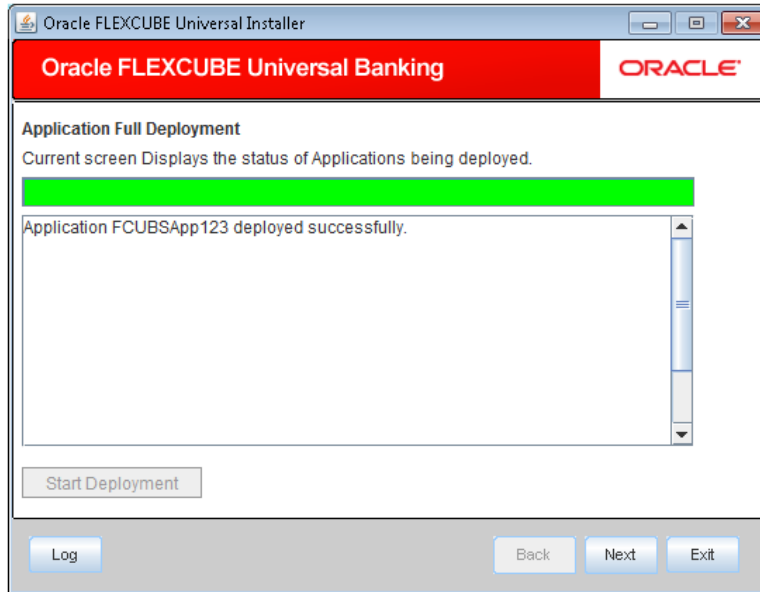
Application Full Deployment

Current screen Displays the status of Applications being deployed.

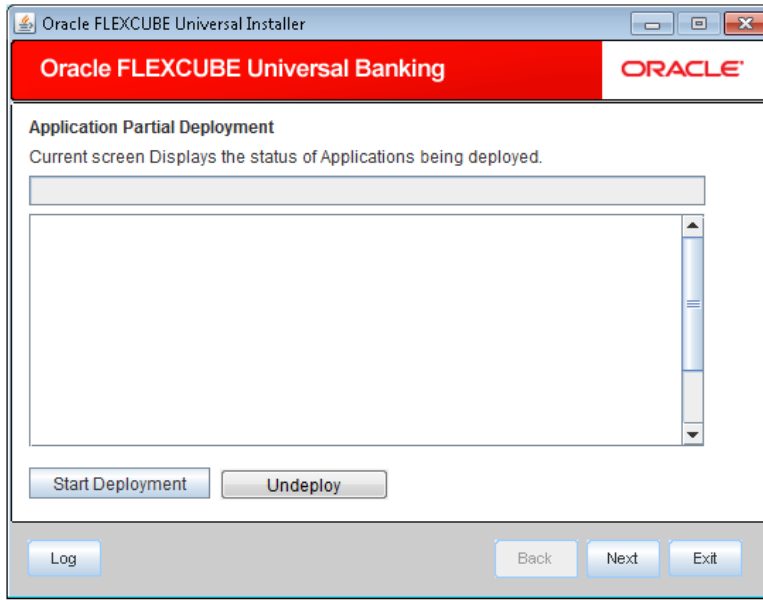
18. Click 'Start Deployment' to begin the process of application deployment.
19. On successful deployment, the following screen is displayed:



20. Click 'OK' and the following screen is displayed:



21. If the deployment is not successful, the 'Undeploy' button gets enabled.



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



Gateway Application Deployment in Weblogic  
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