

FCIS Application Deployment in WebLogic  
Oracle FLEXCUBE Investor Servicing  
Release 14.6.0.0.0  
[May] [2022]



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# Table of Contents

- 1. FCIS APPLICATION DEPLOYMENT..... 1-1
  - 1.1 FCIS APPLICATION FULL DEPLOYMENT ..... 1-1
  - 1.2 FCIS APPLICATION PARTIAL DEPLOYMENT ..... 1-11

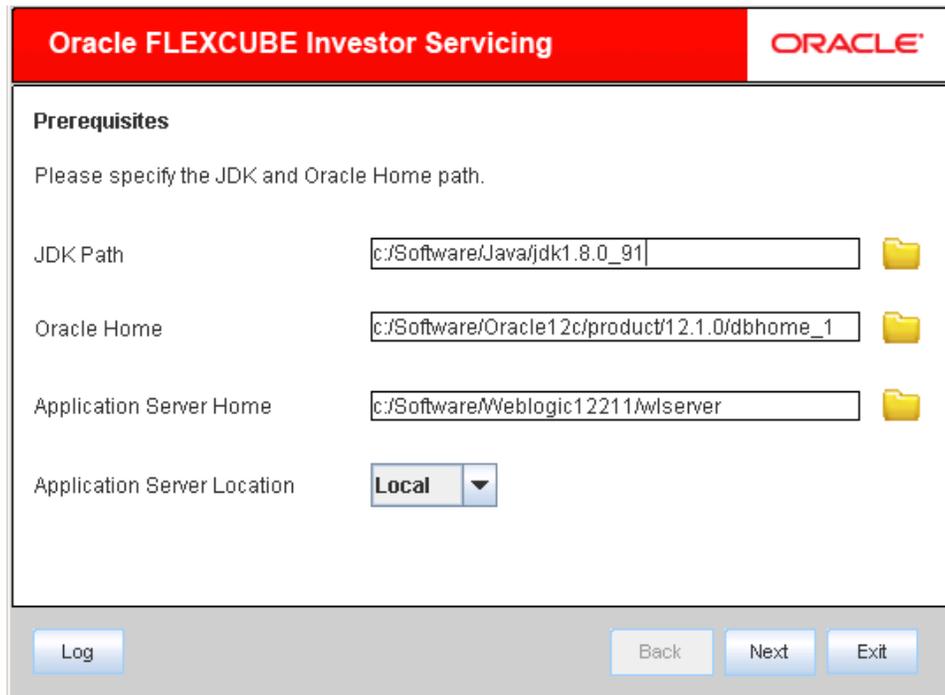
# 1. FCIS Application Deployment

This document describes step to install FCIS application into weblogic server in full and partial deployment modes.

Please refer "[FCIS Manual Deployment WL](#)" to install jersey-bundle before deployment of FCIS application.

## 1.1 FCIS Application Full Deployment

Launch Oracle FLEXCUBE Universal Installer



The screenshot shows the Oracle FLEXCUBE Investor Servicing installer window. The title bar is red with the Oracle logo. The main content area is titled "Prerequisites" and contains the following fields:

Field	Value
JDK Path	c:/Software/Java/jdk1.8.0_91
Oracle Home	c:/Software/Oracle12c/product/12.1.0/dbhome_1
Application Server Home	c:/Software/Weblogic12211/wlserver
Application Server Location	Local

At the bottom of the window, there are four buttons: "Log", "Back", "Next", and "Exit".

Enter the following details

### JDK Path:

Provide Home folder path of JDK1.8

### Oracle Home

Provide home folder path of Oracle Client or Database

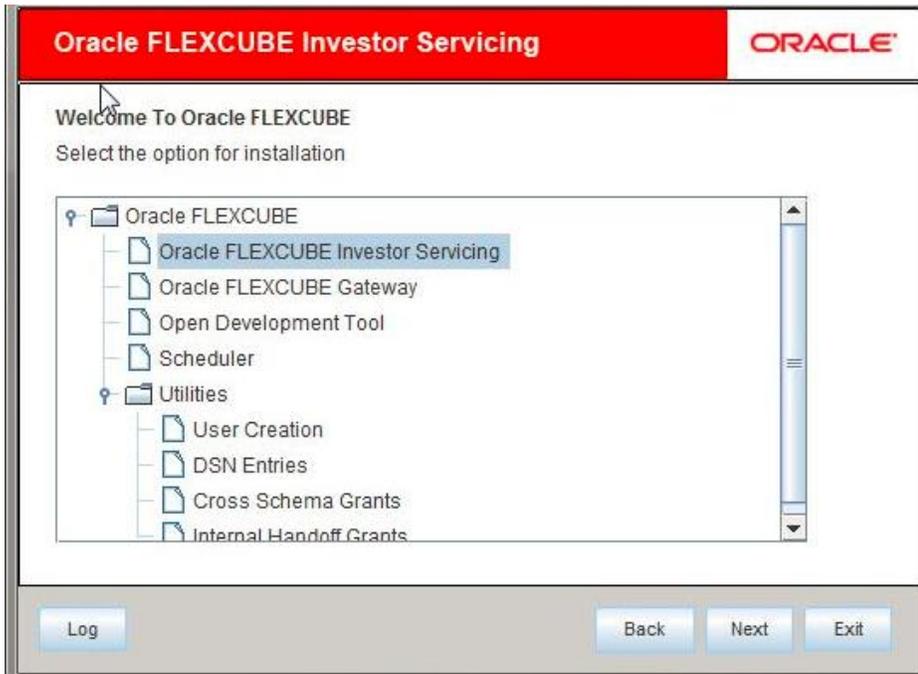
### Application Server Home

Provide home folder path of Application Server

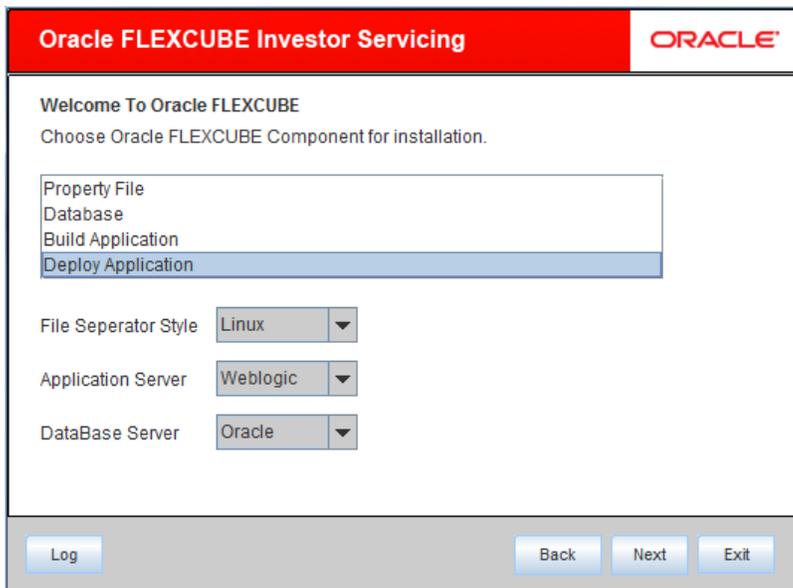
### Application Server Location

Select location of the application server either local or remote

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



2. Select “Oracle FLEXCUBE Investor Servicing”.
3. Click on “Next” to display the screen below.



4. Select “**Deploy Application**”.
5. Select ‘**Linux**’ from File Server Style drop-down
6. Choose “**Weblogic**” from the Application Server drop down.

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

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

8. 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.

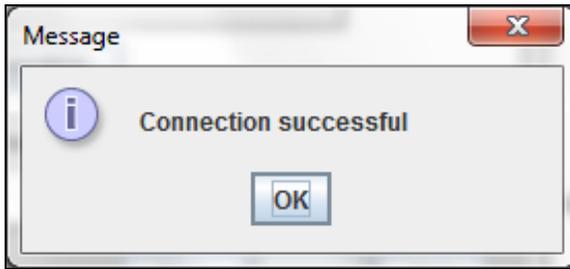
**Admin Password**

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.



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

A screenshot of the Oracle FLEXCUBE Investor Servicing application deployment screen. The title bar is red with "Oracle FLEXCUBE Investor Servicing" and the Oracle logo. The main content area is titled "Application deployment" and contains the instruction "Provide the Application Details For the Deployment of EAR". Below this are several input fields: "EAR Path" (with a folder icon and the text "/Please use the browse button/"), "Property File Path" (with a folder icon), "Application Name", "Application Context", and "Adapter Library Path" (with a folder icon). There is a checked checkbox for "Mange Resources" (note the typo) and a "Security Key for Encryption" field. At the bottom, there are buttons for "Log", "Back", "Next", and "Exit".

- 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

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.

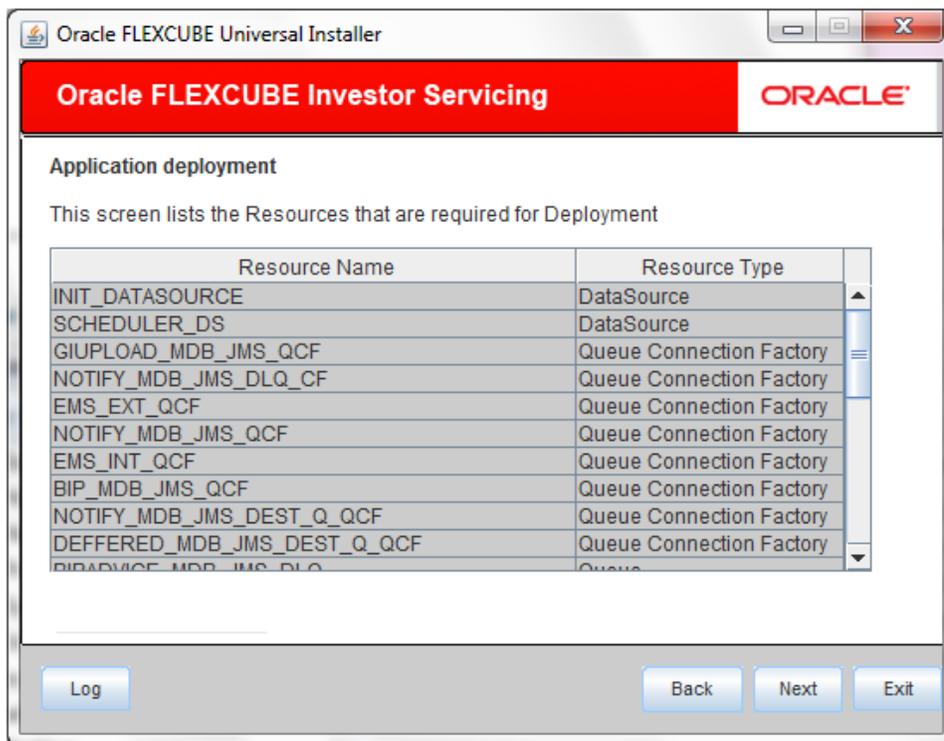
## Adapter Library Path

Application library path 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.

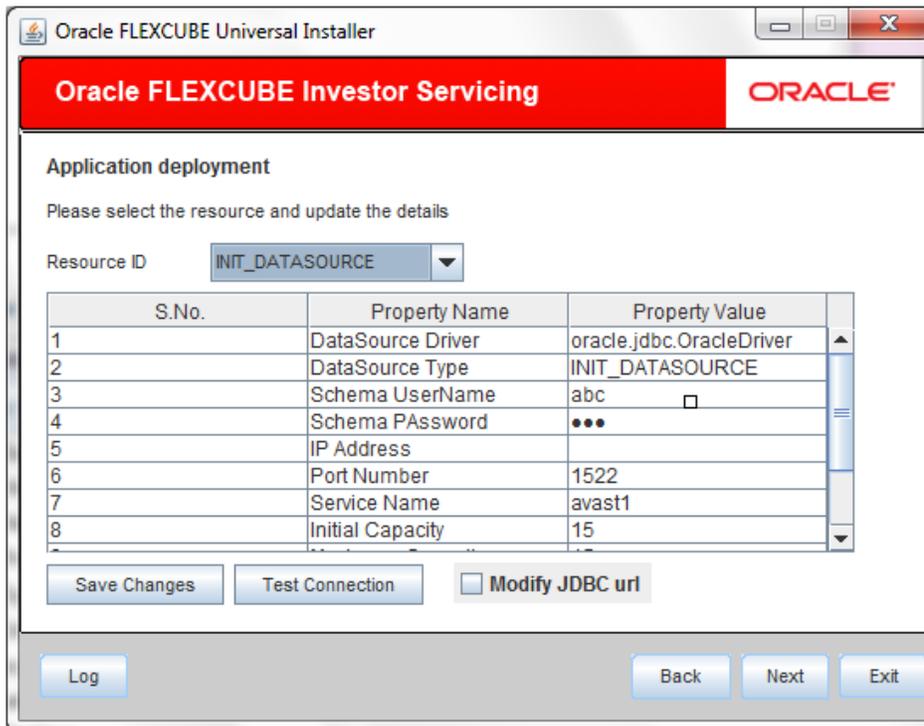
12. Click on “Next”. If “Manage Resources” is checked then below screen shown otherwise skip to “Server Environment details for Deployment”



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

The screen provides a read only list of resources.

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



14. Provide the following details

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

The below table provides an option to tak 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 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

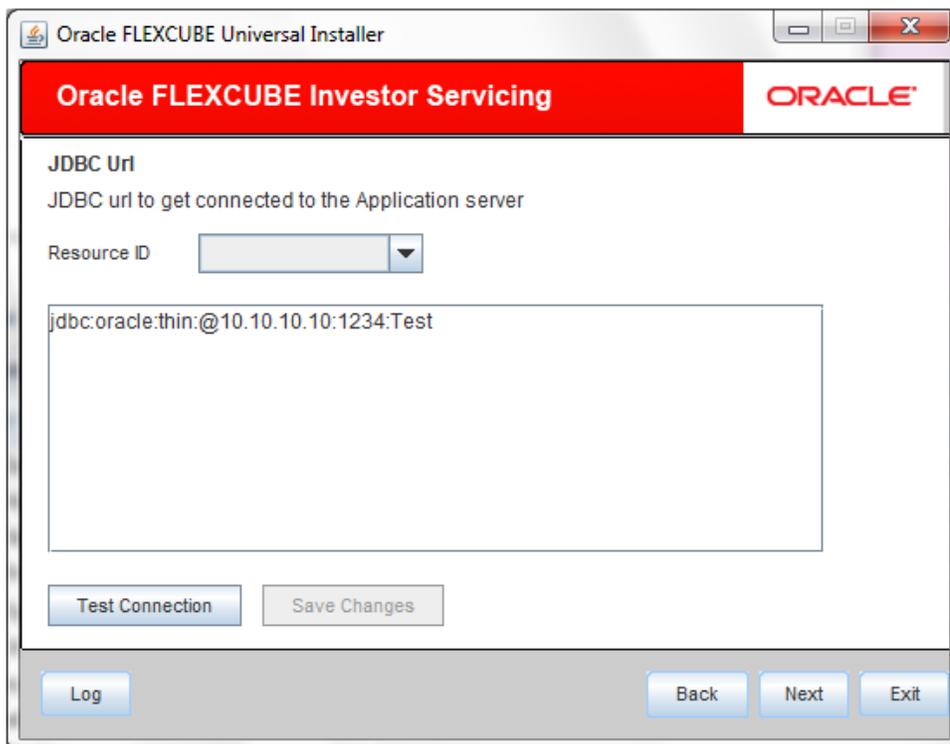
**Maximum Capacity:** The maximum number of physical connections that this connection pool can contain.

**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.

15. **Test Connection:** On click of this it will try to establish connection with required details provided in the table.
16. **Save changes:** On click of this saves the values provided In the table against corresponding value of Resource ID.
17. **Modify JDBC Uri:** Select modify JDBC url for modifying the JDBC url.If 'Modify JDBC url' is selected, the following screen will be displayed.



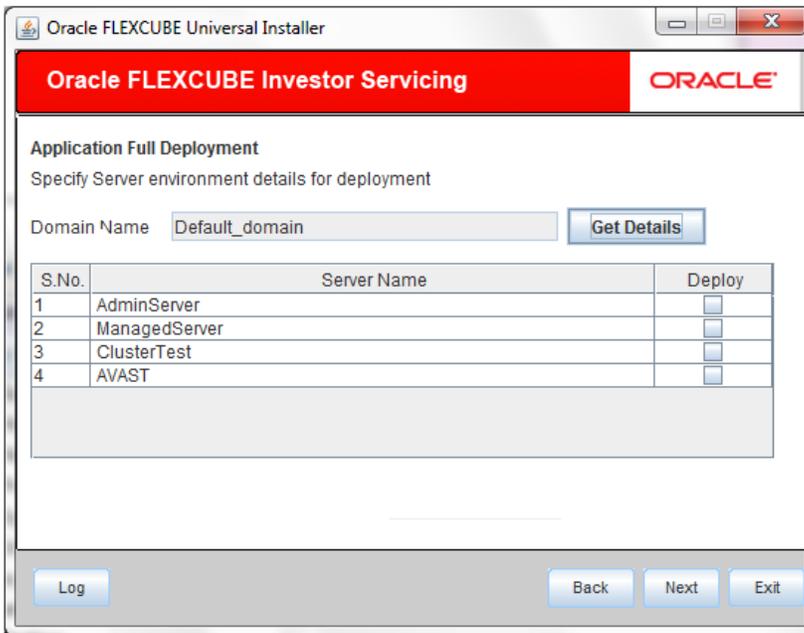
**Resource ID:** It provides the list of all the datasources created. Select the data source for which the JDBC URL needs to be modified.

**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

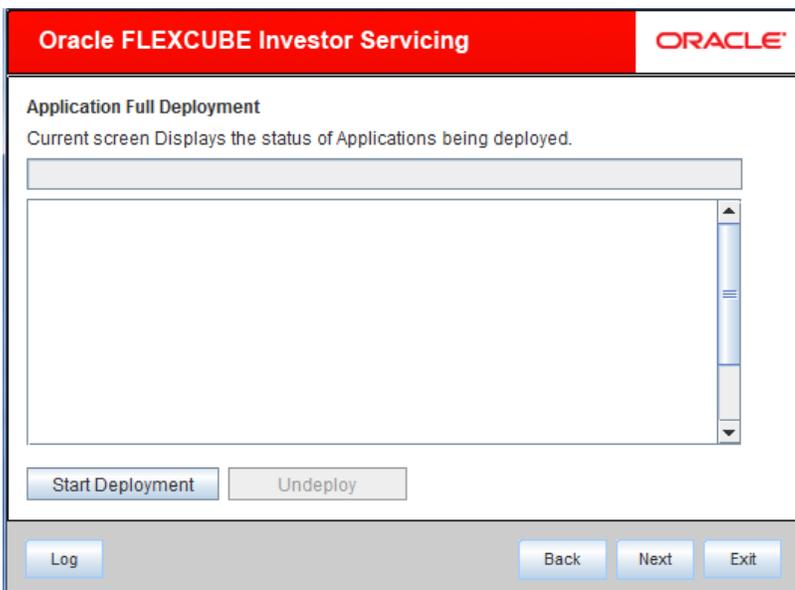
Click 'Next', the following screen will be displayed.



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

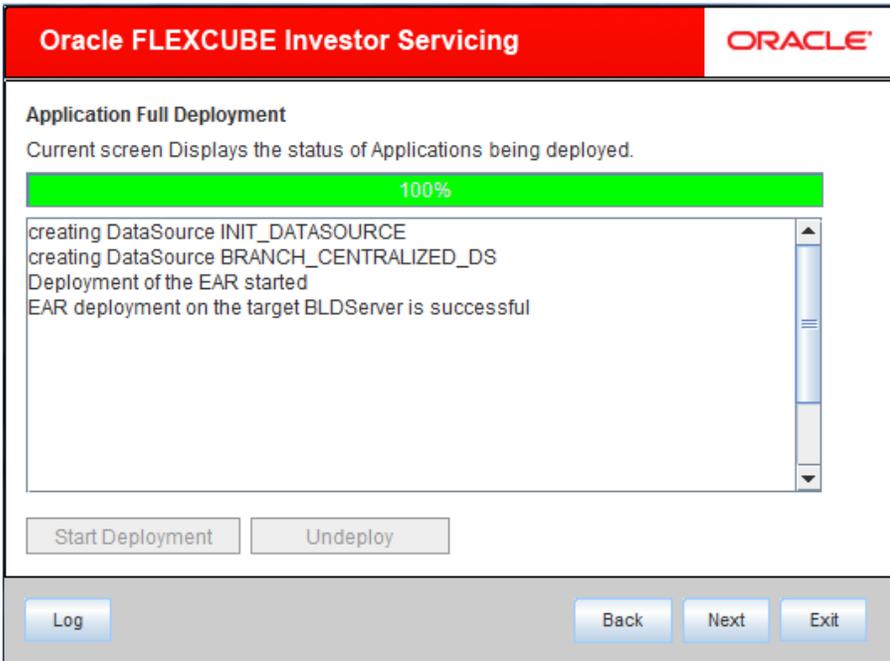
18. On click of '**Get Details**', the list of available servers are displayed in the table. **At least one** server should be selected to proceed to next screen.

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

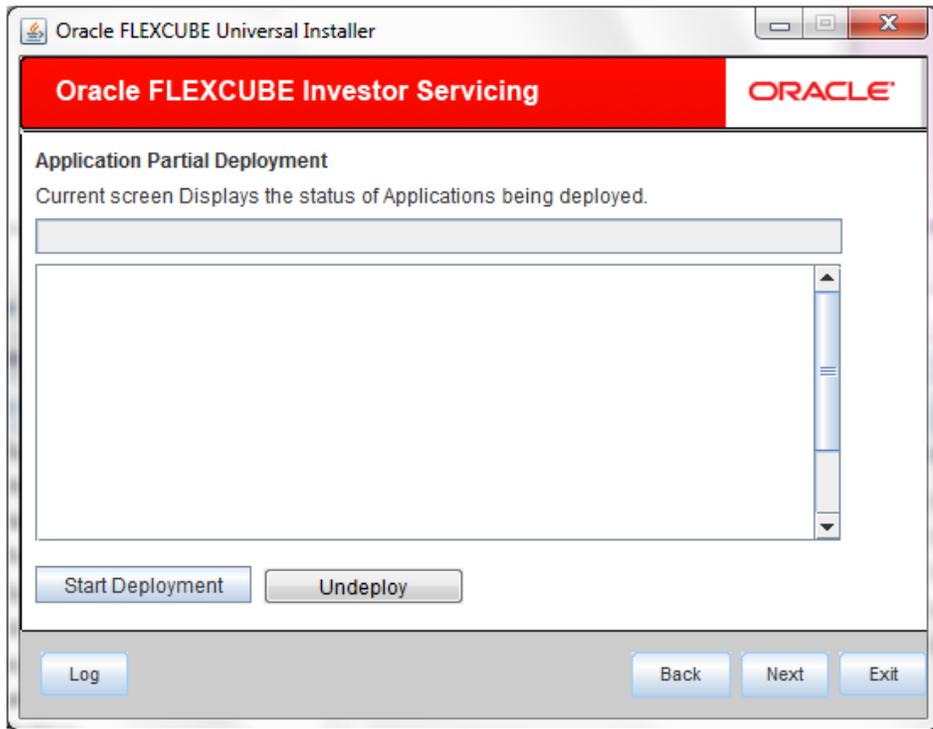


20. Click on "**Start Deployment**" to begin the process of application deployment.

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



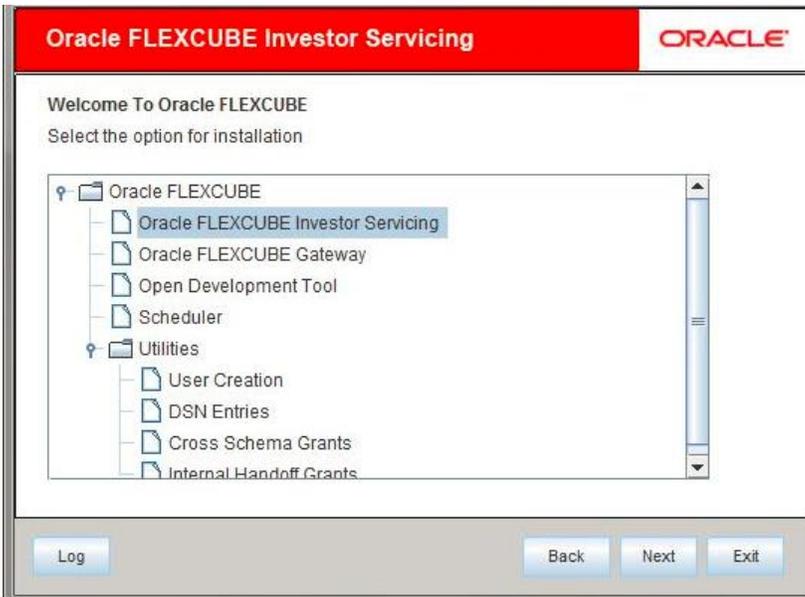
If the deployment is not successful, the 'Undeploy' button will be enabled.



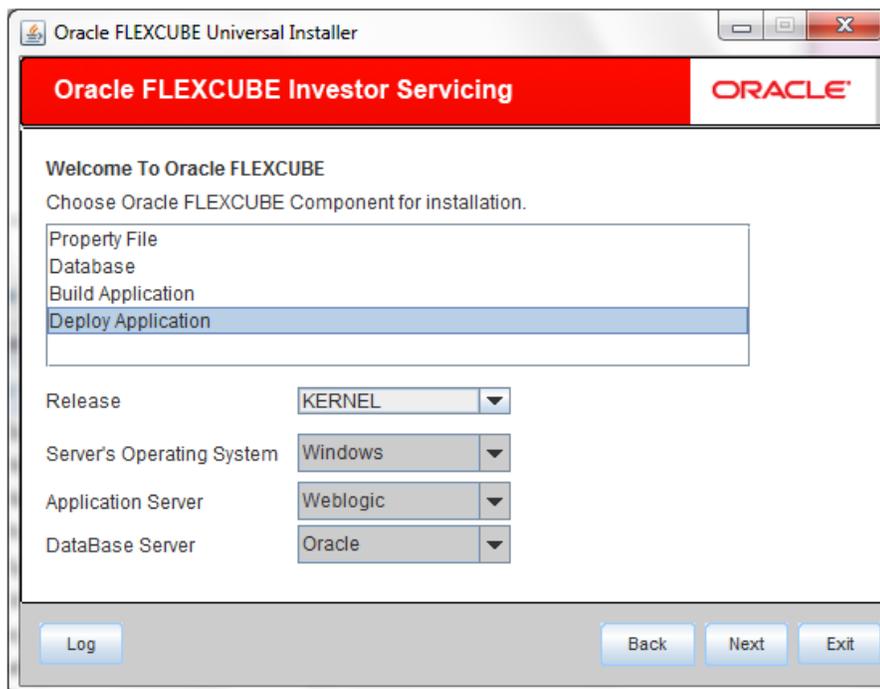
21. Click 'Undeploy' for undeploying the partially deployed EAR from the server.

## 1.2 FCIS Application Partial Deployment

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



3. Select “Oracle FLEXCUBE Investor Servicing”.
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.

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

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

**Admin Password**

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

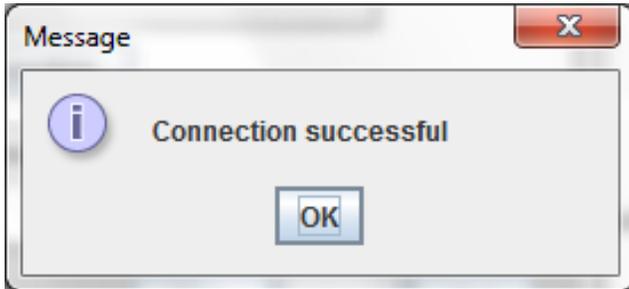
**Admin Password**

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

**Type of Deployment**

Choose “Partial Deployment”.

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



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

A screenshot of the Oracle FLEXCUBE Investor Servicing application deployment screen. The top header is red with the text "Oracle FLEXCUBE Investor Servicing" and the Oracle logo. Below the header, the section is titled "Application deployment" with the instruction "Provide the Application Details For the Deployment of EAR". There are four input fields: "EAR Path" (with a placeholder "/Please use the browse button/" and a folder icon), "Property File Path" (with a folder icon), "Application Name", and "Application Context". A checkbox labeled "Manage Resources" is checked. At the bottom, there are buttons for "Log", "Back", "Next", and "Exit".

10. Provide The following details

### **EAR PATH**

Please provide path of the ear which is to be deployed.

Please select the appropriate path to the external properties file.

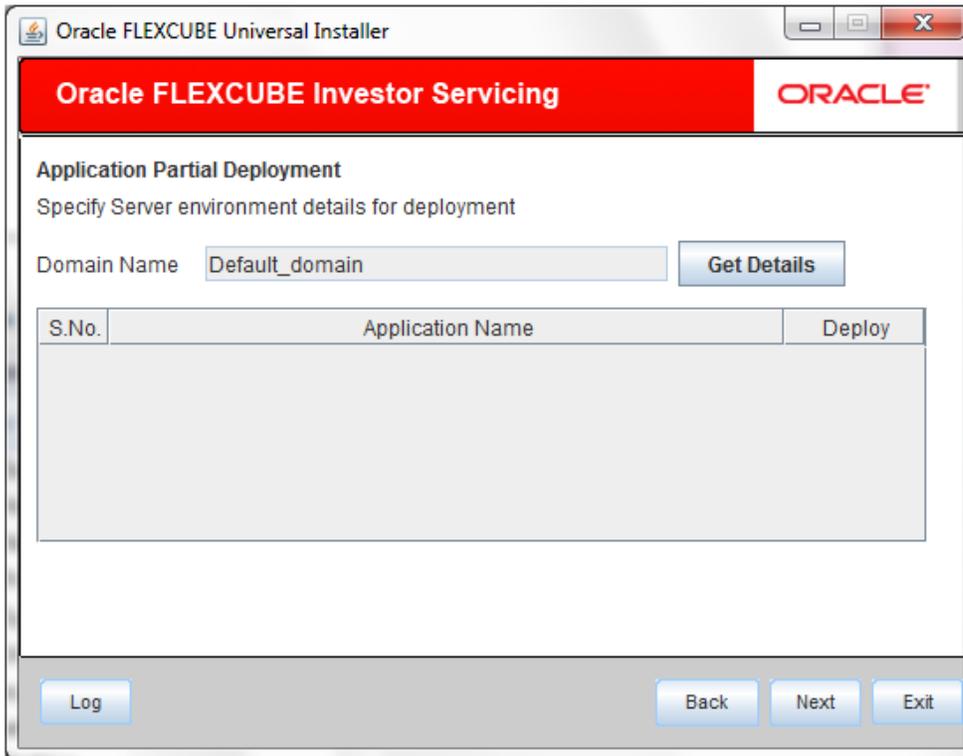
If the properties file is internal to the application EAR, it would be fetched on selection of the EAR and will be in a non-editable state.

**Application Name** and **Application Context** will be appeared once user inputs the ear path.

**Manage Resources** is disabled as resource creation will be already done for full deployment.

### **Property File Path**

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



12. Provide the following details

**Get Details**

Please click on “Get Details” to list all the applications deployed on weblogic application server.

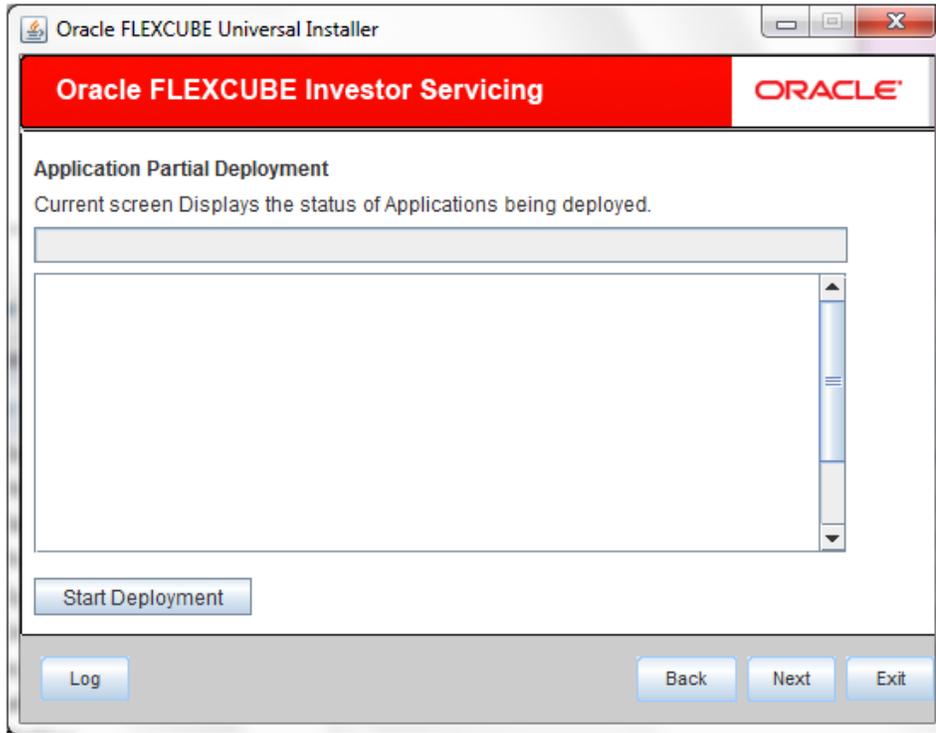
**Application Name**

Please select the application to be patched.

**Note**

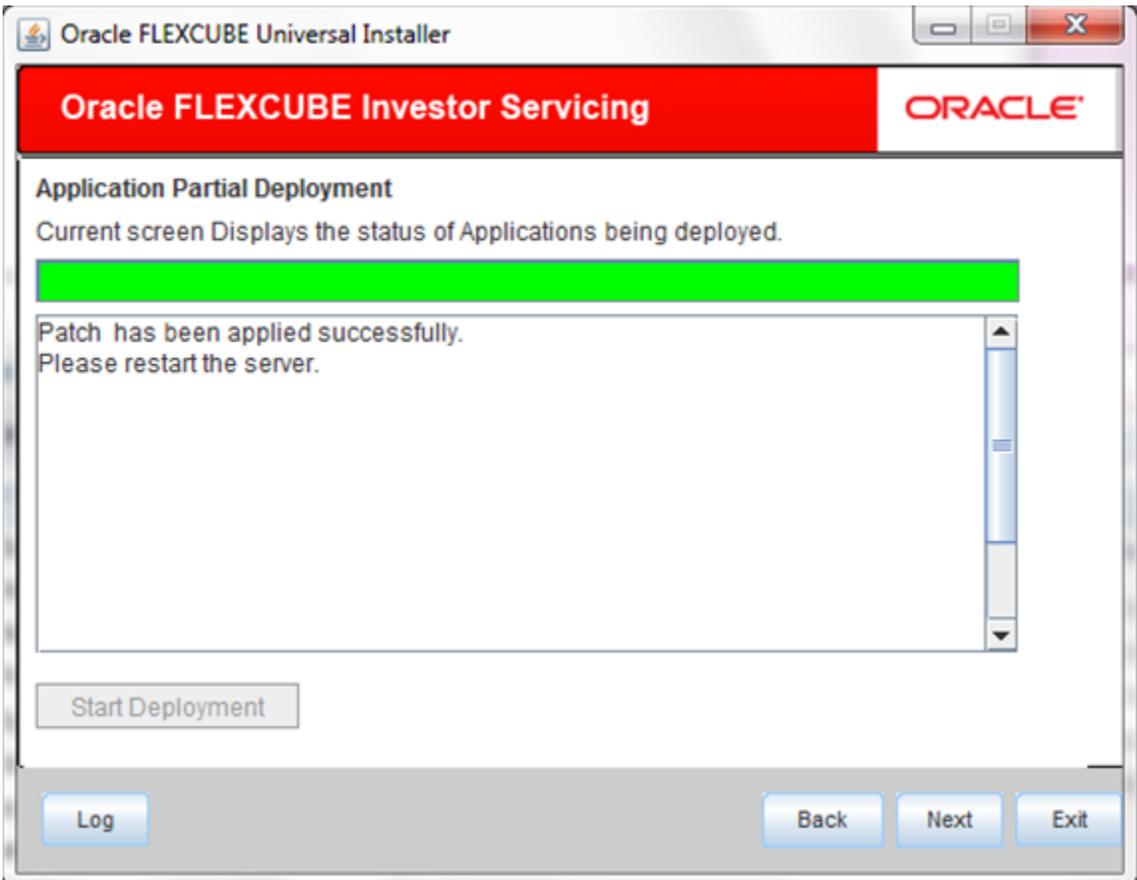
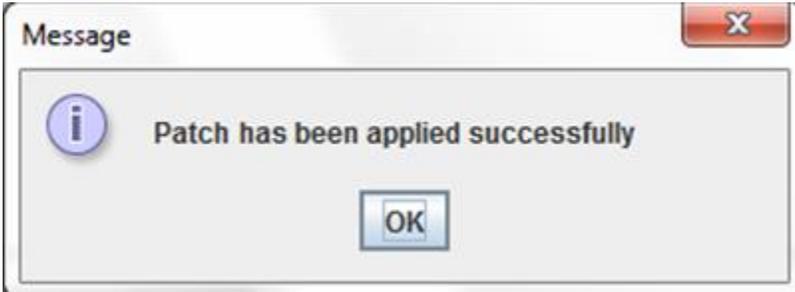
If no application is available then partial deployment cannot be proceeded further.

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



14. Click on “**Start Deployment**” to start the partial/patch deployment.

On successful partial deployment, the following message would be displayed and the screen would like below.



15. Please restart the server for changes pertaining to the deployed patch to reflect.



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