

# Oracle® FLEXCUBE Investor Servicing ODT Application Deployment in Weblogic



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## 1 ODT Application Full Deployment

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# Preface

**Oracle FLEXCUBE Investor Servicing** is a comprehensive mutual funds automation software from Oracle® Financial Servicing Software Ltd.©.

You can use the system to achieve optimum automation of all your mutual fund investor servicing processes, as it provides guidelines for specific tasks, descriptions of various features and processes, and general information.

This topic contains the following sub-topics:

- [Purpose](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)

## Purpose

This manual is designed to help acquaint you with the installation of **Oracle FLEXCUBE Investor Servicing** application.

## Audience

This manual is intended for the following User/User Roles:

**Table 1 Users and Roles**

Users	Roles
Implementation team	Implementation of Oracle FLEXCUBE Investor Servicing
Presales team	Install Oracle FLEXCUBE Investor Servicing for demo purpose
Bank personnel	Who installs Oracle FLEXCUBE Investor Servicing

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

## Access to Oracle Support

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Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

## Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

## Acronyms and Abbreviations

The list of the acronyms and abbreviations used are as follows:

**Table 2 Acronyms and Abbreviations**

Abbreviation	Description
<b>FCIS</b>	Oracle FLEXCUBE Investor Servicing
<b>OEM</b>	Oracle Enterprise Manager

**Table 2 (Cont.) Acronyms and Abbreviations**

Abbreviation	Description
<b>EMS</b>	Electronic Messaging Service
<b>EJB</b>	Enterprise Java Bean
<b>MDB</b>	Message Driven Beans

# 1

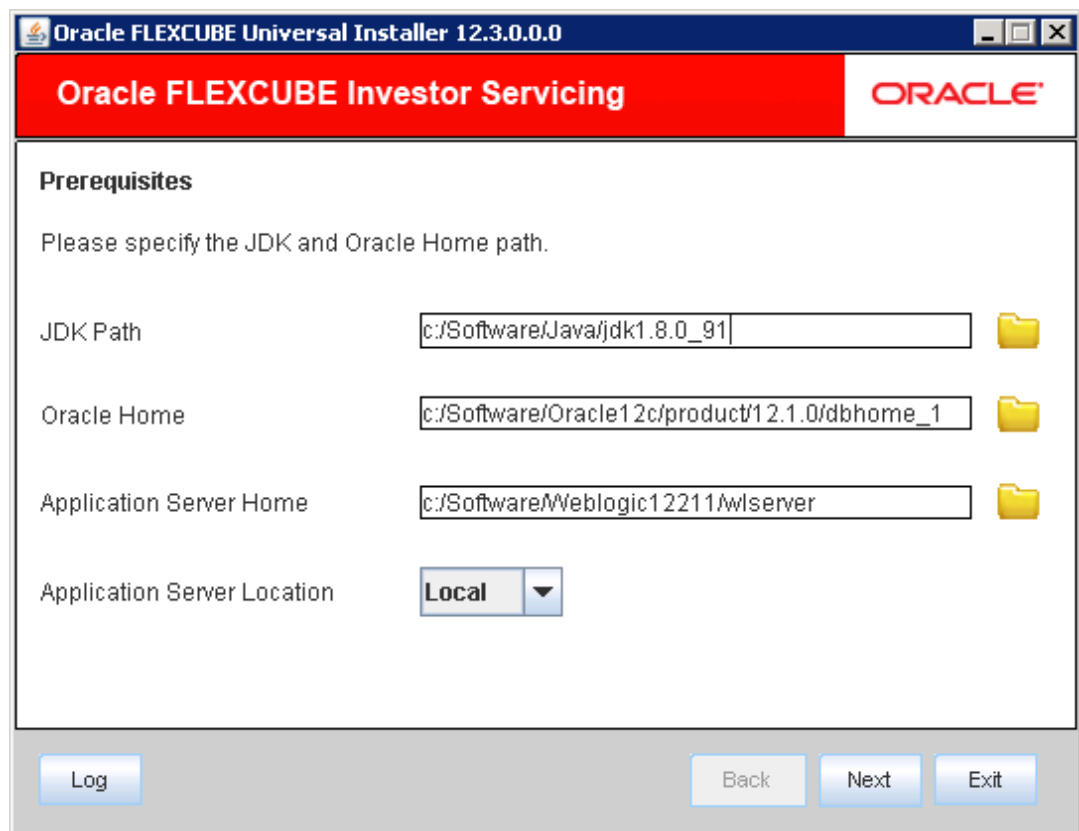
## ODT Application Full Deployment

This topic describes the steps to deploy Open Development Tool application into WebLogic server in full deployment mode.

1. Start **Oracle FLEXCUBE Universal Installer**.

The **Oracle FLEXCUBE Universal Installer** is displayed.

**Figure 1-1 Oracle FLEXCUBE Universal Installer**



2. On **Oracle FLEXCUBE Universal Installer** screen, enter the following details.

Refer to the table for JDK and Oracle Home path.

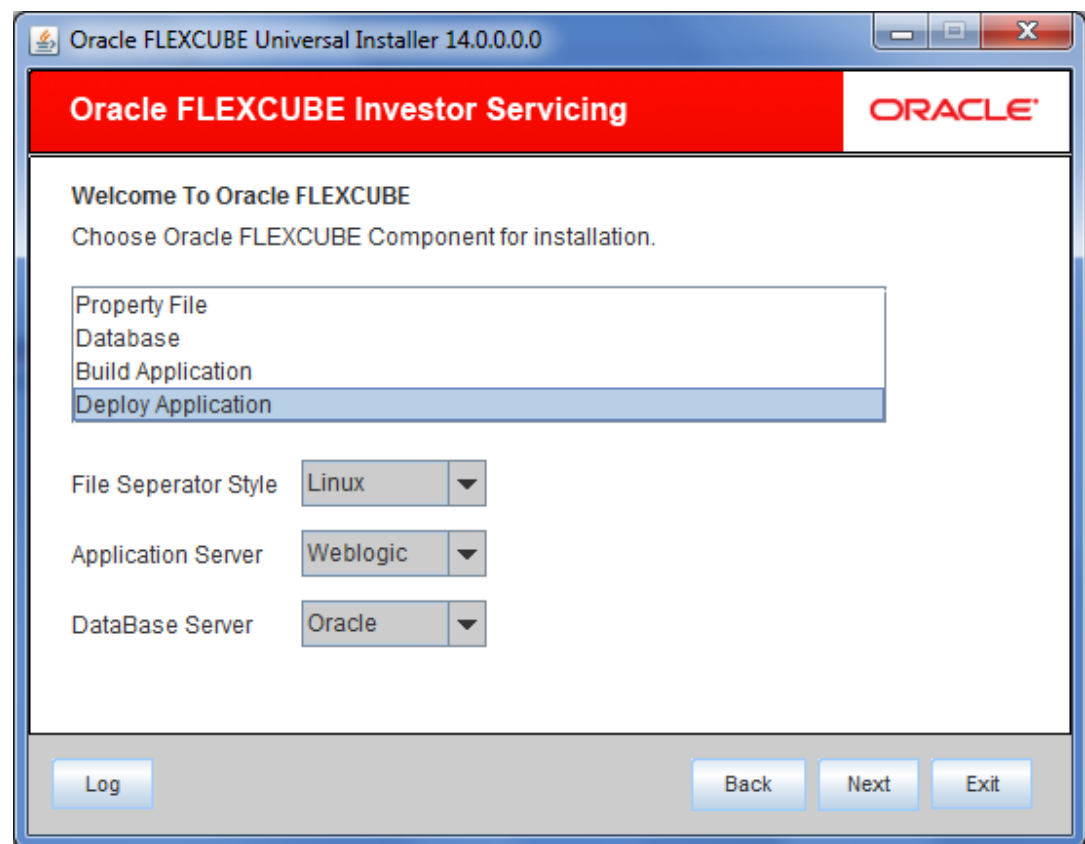
**Table 1-1 JDK and Oracle Home path**

Field	Description
<b>JDK Path</b>	Provide Home folder path of JDK1.8.
<b>Oracle Home</b>	Provide home folder path of Oracle Client or Database.
<b>Application Server Home</b>	Provide home folder path of Application Server.

**Table 1-1 (Cont.) JDK and Oracle Home path**

Field	Description
<b>Application Server Location</b>	Select location of the application server either local or remote.

3. Click **Next** to select the option for installation.
4. Select **Open Development Tool** from the lists of **Oracle FLEXCUBE** options.  
The available options for installation are displayed.
5. Click **Next** to choose **Oracle FLEXCUBE** component for installation.
6. Select **Deploy Application**.  
The available options **Property File**, **Database**, **Build Application**, and **Deploy Application** are displayed.

**Figure 1-2 Oracle FLEXCUBE Component for Installation in Full Deployment**

7. Select the appropriate operating system from the **File Seperator Style** drop-down.
8. Choose **Weblogic** from the **Application Server** drop-down.
9. Select the appropriate **DataBase Server** from the drop-down and click **Next**.
10. Specify Server details to connect to the server and click **Next**.  
Refer to the table for server details.



**Table 1-2 Server details**

Field	Description
<b>Admin IP</b>	Provide host address of Admin server.
<b>Admin Port</b>	Provide port number of Weblogic server.
<b>Admin UserName</b>	Provide the appropriate Admin Username of the Weblogic Application server.
<b>Admin Password</b>	Provide the appropriate Admin Password of the Weblogic Application server.
<b>Type of Deployment</b>	Choose <b>Full Deployment</b> .

The following screen is displayed.

**Figure 1-3 Server Details for Full Deployment**

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	.....

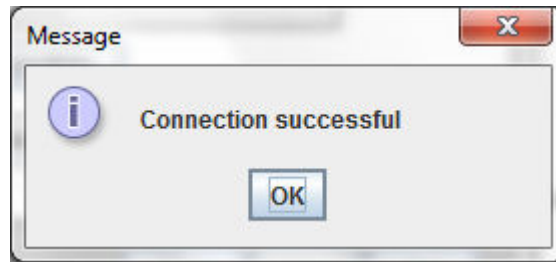
Test Connection

Type of Deployment: Full Deployment ▼

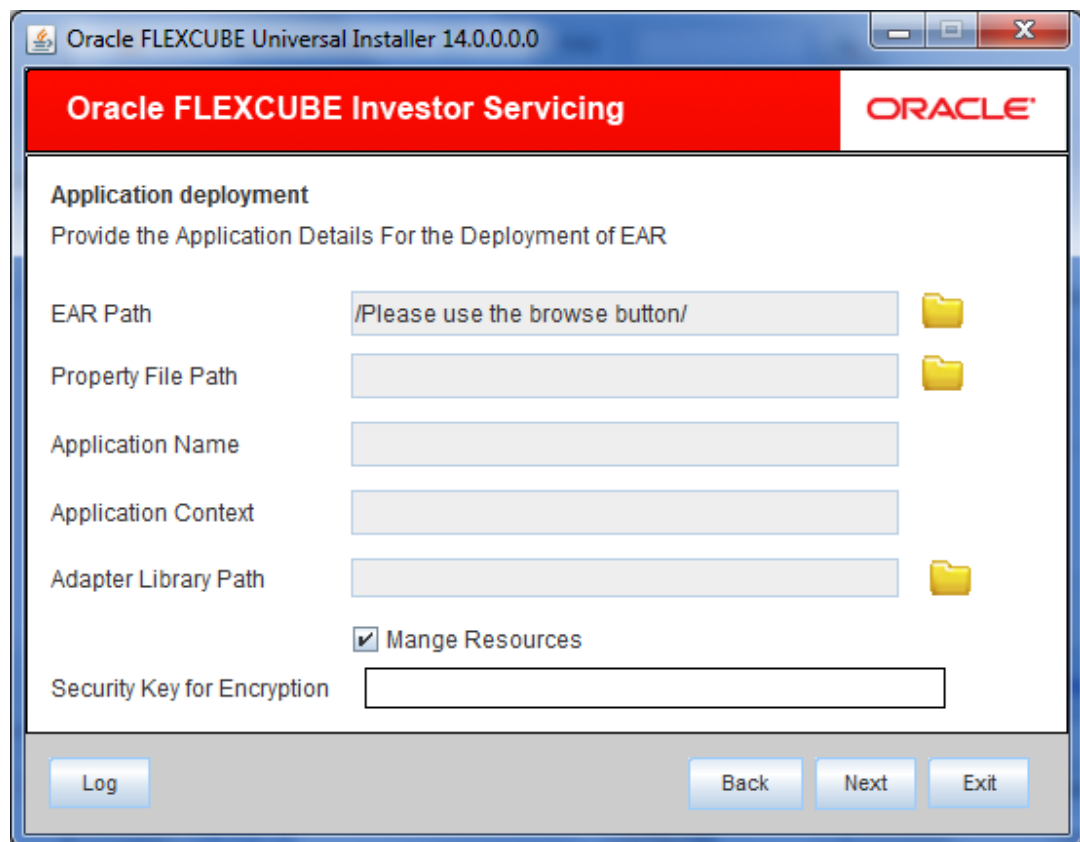
Log Back Next Exit

11. Click **Test Connection** to test the connection with the Application server.

On successful connection, the following message is displayed.

**Figure 1-4 Information Message on Successful Connection**

12. Click **Ok** and click **Next** in the installer.  
The following screen is displayed.

**Figure 1-5 Application Details for Full Deployment**

13. Specify Application details to deploy the EAR.  
Refer to the table for Application details.

**Table 1-3 Application details**

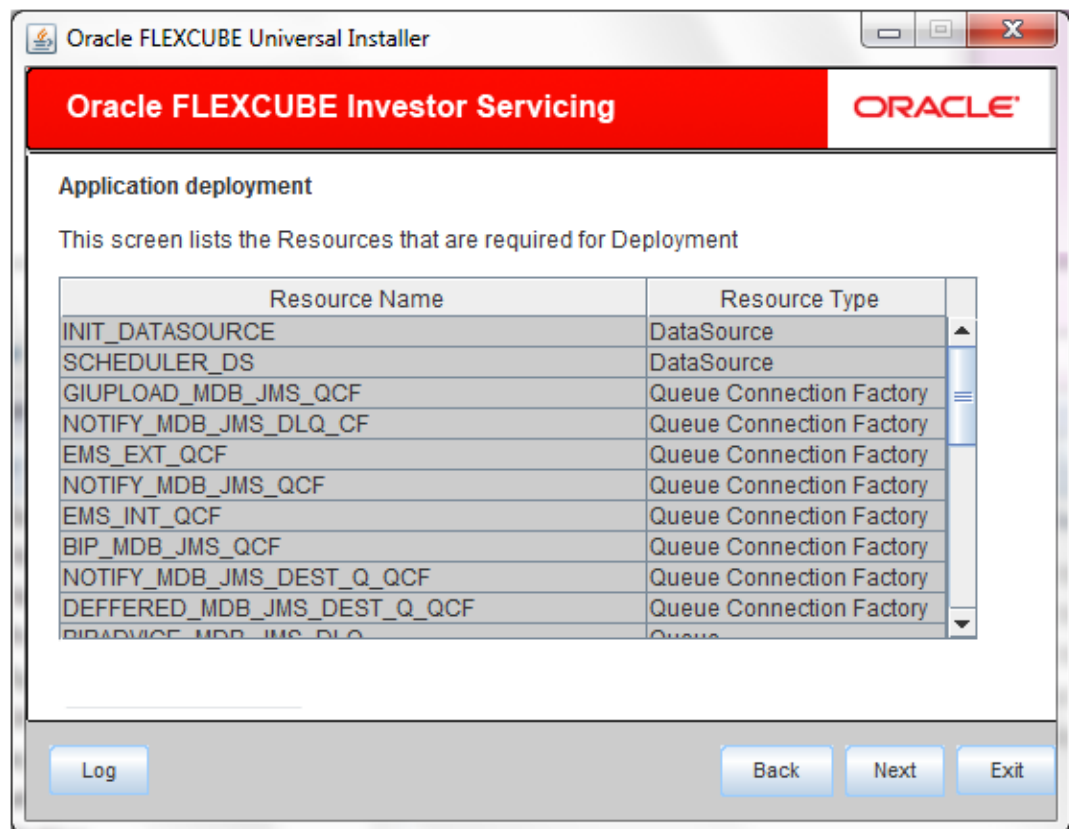
Field	Description
EAR Path	Select the application EAR to be deployed using the <b>Browse</b> button. <b>Note:</b> The Application EAR path cannot be copied and pasted on to the text box, thereby demanding the use of the <b>Browse</b> button to select the EAR.

Table 1-3 (Cont.) Application details

Field	Description
<b>Property File Path</b>	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.
<b>Application Name</b>	Selection of the EAR would fetch the Application Name and it will be in a non-editable state.
<b>Application Context</b>	Selection of the EAR would fetch the Application Context and it will be in a non-editable state.
<b>Adapter Library Path</b>	Selection of the EAR would fetch the Application Library Path and it will be in a non-editable state.
<b>Manage Resources</b>	Select this box if resources are to be created along with deployment.

14. Click **Next**. If **Manage Resources** is not checked, you can continue to provide Server Environment details for deployment.
15. Select **Manage Resources** box if resources are to be created along with deployment.  
The screen provides a read only list of resources.

Figure 1-6 Resources lists



16. Specify the resource details that are required for deployment.  
Refer to the table for resource details.

**Table 1-4 Resource details**

Field	Description
<b>Resource ID</b>	Specify <b>Resource ID</b> . Also, you can select the resource from a list of data sources maintained and update the details.
<b>DataSource Driver</b>	Specify the <b>JDBC driver URL</b> with which the connection is to be established. Ex: oracle.jdbc.OracleDriver for Non-XA datasources
<b>DataSource Type</b>	Specify the type of datasource that is to be created, XA or Non-XA.
<b>Schema Username</b>	Specify the username of the schema to which the connection is to be established.
<b>Schema Password</b>	Specify the password of the schema.
<b>IP Address</b>	Specify the host address of the schema.
<b>Port Number</b>	Specify the port number of schema.
<b>Service Name</b>	Specify the service name of schema.
<b>Initial Capacity</b>	It is the number of physical connections that can be created when creating the connection pool in the data source
<b>Maximum Capacity</b>	The maximum number of physical connections that this connection pool can contain.
<b>Capacity Increment</b>	The increment by which this JDBC connection pool's capacity is expanded.
<b>Shrink Frequency</b>	The number of seconds to wait before shrinking a connection pool that has incrementally increased to meet demand.
<b>Connection Reserve Timeout</b>	The number of seconds after which a call to reserve a connection from the connection pool will timeout.

17. Click **Test Connection** to establish connection with required details provided in the table against corresponding value of **Resource ID**.
18. Click **Save Changes** to save the values provided in the table against corresponding value of **Resource ID**.
19. Select **Modify JDBC Url** to modify the provided JDBC url.  
If **Modify JDBC Url** is selected, the following screen is displayed.

Figure 1-7 JDBC Url

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window. The title bar reads 'Oracle FLEXCUBE Universal Installer'. The main window has a red header bar with 'Oracle FLEXCUBE Investor Servicing' on the left and the 'ORACLE' logo on the right. Below the header, the section is titled 'JDBC Url' with the subtitle 'JDBC url to get connected to the Application server'. There is a 'Resource ID' label next to a dropdown menu. Below that is a large text area containing 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'. The footer of the window contains four buttons: 'Log', 'Back', 'Next', and 'Exit'.

20. Specify **Resource ID** and click **Test Connection** to check the connection using the changed Url. If the Url changed is correct, then the successful connection will be made. Click **Save Changes** to save the changed JDBC Url.

**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 **JDBC Url** generated from the previous screen will be displayed here. If the user wants to change the **JDBC Url**, it can be changed in the current screen.

21. Click **Next** after the resource details are updated.

The following screen is displayed.

Figure 1-8 Resource Details Update

Oracle FLEXCUBE Universal Installer

**Oracle FLEXCUBE Investor Servicing** ORACLE

**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	
6	Port Number	1522
7	Service Name	avast1
8	Initial Capacity	15

22. Specify Server Environment details for deployment.

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

23. On Server Environment details screen, click **Get Details** button.

The list of available servers are displayed. Atleast, one server should be selected to proceed.

**Figure 1-9 Server Environment Details for Full Deployment**

Oracle FLEXCUBE Universal Installer

**Oracle FLEXCUBE Investor Servicing** ORACLE®

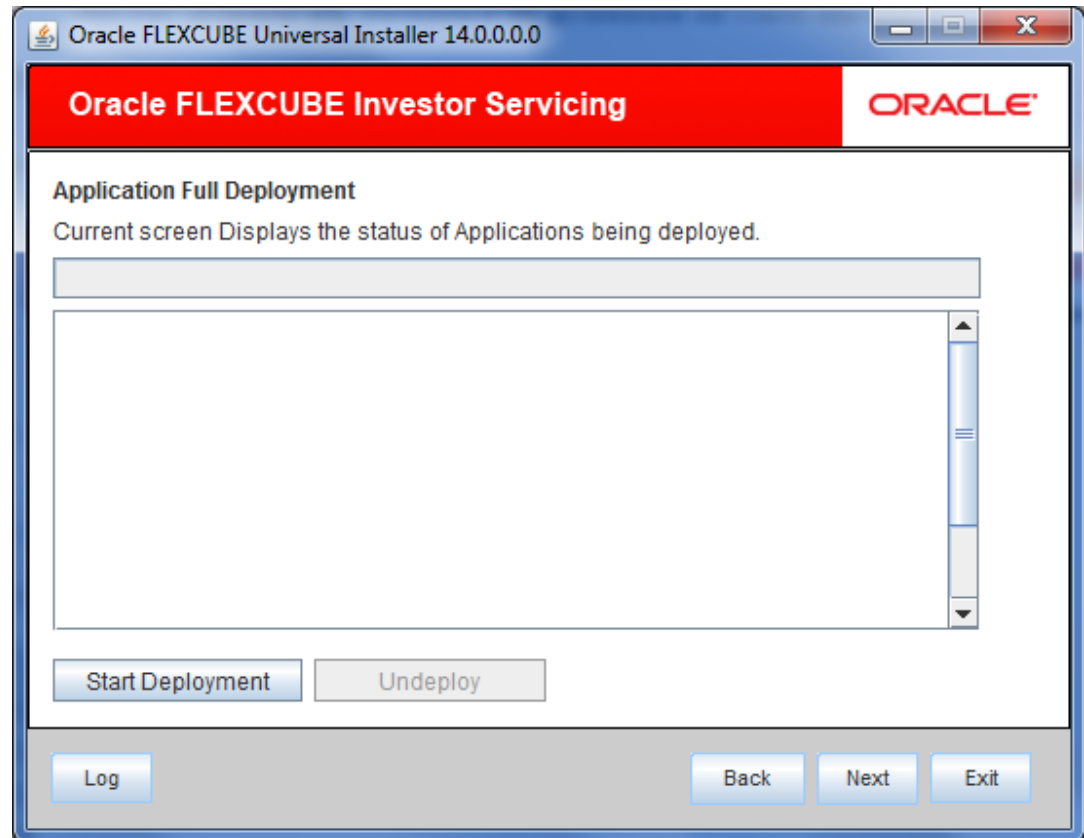
**Application Full Deployment**  
Specify Server environment details for deployment

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"/>

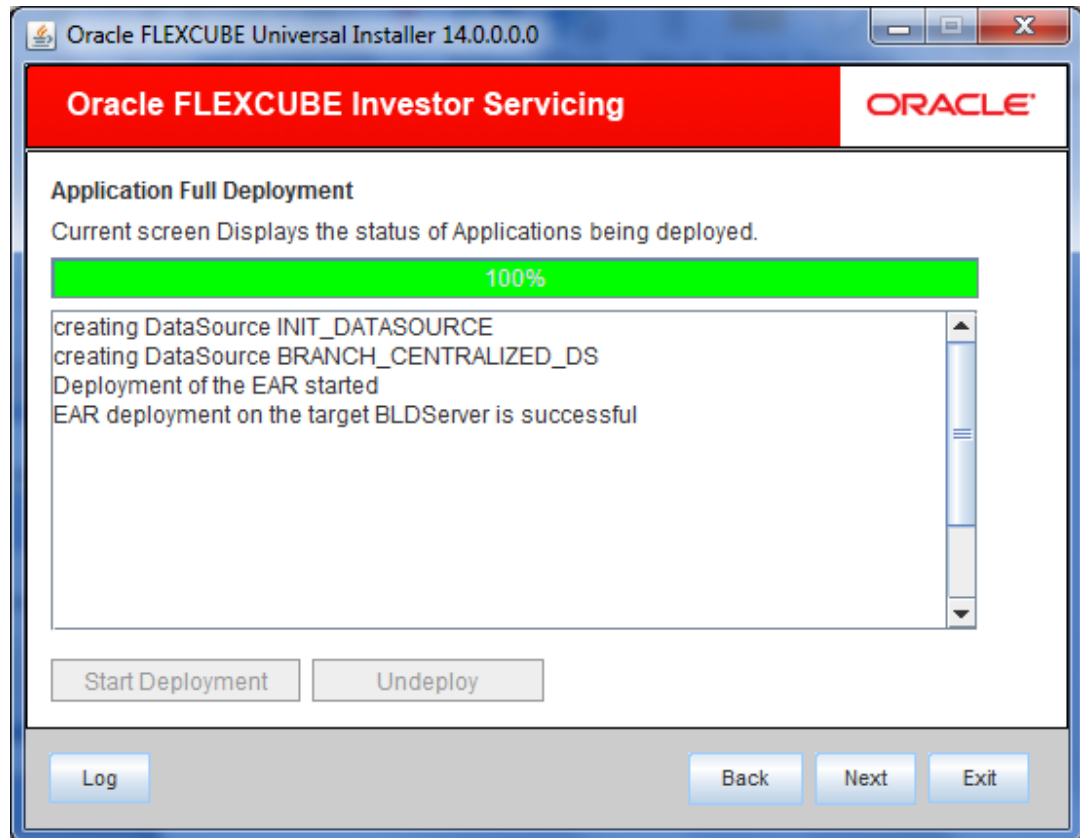
24. Click **Next** after the server environment details are specified.

The following screen is displayed.

**Figure 1-10 Application Deployment Status for Full Deployment**

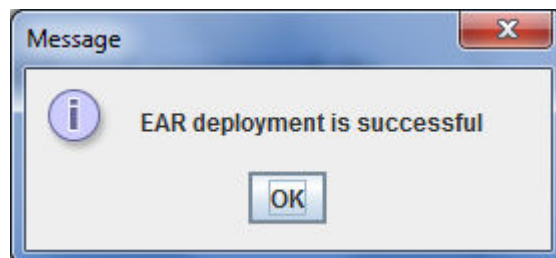
25. Click **Start Deployment** to start the process of application deployment.  
The following screen displays the status of Applications being deployed.



**Figure 1-11 Start Application Full Deployment**

26. You can view the information message on successful deployment and click **Ok** in the **Message** window.

The following **Message** window is displayed.

**Figure 1-12 EAR Deployment Message**

27. Click **Undeploy** button for undeploying the partially deployed EAR from the server.  
If the deployment is not successful, the **Undeploy** button will be enabled in the **Application Deployment** status screen.