Agile
Version e6.1

ORACLE

Oracle® Agile

Engineering Data Management

Installing Oracle WebLogic 11g Rel 1 (10.3.5) on Windows for Agile e6.1.2.2

Part No. E28298-01

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Preface

The Oracle documentation set includes Adobe® Acrobat™ PDF files. The Oracle Technology Network (OTN) Web site (http://www.oracle.com/technology/documentation/agile.html) contains the latest versions of the Oracle Agile EDM PDF files. You can view or download these manuals from the Web site, or you can ask your Agile administrator if there is an Oracle Documentation folder available on your network from which you can access the documentation (PDF) files.

Note To read the PDF files, you must use the free Adobe Acrobat Reader™ version 7.0 or later. This program can be downloaded from the Adobe Web site (http://www.adobe.com).

Note Before calling Agile Support about a problem with an Oracle Agile EDM manual, please have the full part number ready, which is located on the title page.

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Readme

Any last-minute information about Oracle Agile EDM can be found in the Release Notes file on the Oracle Technology Network (OTN) Web site (http://www.oracle.com/technology/documentation/agile_eseries.html)

Agile Training Aids

Go to the Oracle University Web page (http://www.oracle.com/education/chooser/selectcountry_new.html) for more information on Agile Training offerings.

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Chapter 1

Introduction

This guide describes how to install Oracle WebLogic 11g Rel 1 (10.3.5) for the use with Agile e6.1.2.2 on Windows 2008 SP2 / 2008 R2.

The WebLogic Server can also be installed with the Agile e6 Installer. Complete information on the Installer based WebLogic Server installation is described in the *Installation Manual for Agile e6.1.2.2 Server on UNIX* and *Installation Manual for Agile e6.1.2.2 Server on Windows*.

For complete information on Oracle WebLogic Server, refer to the *Oracle WebLogic Server Documentation Library* at http://download.oracle.com/docs/cd/E14571_01/wls.htm.

Chapter 2

Requirements

This chapter describes the hardware and software requirements for successful installation of Oracle WebLogic 11g Rel 1 (10.3.5) on MS Windows for use with Agile e6.1.2.2.

Hardware and Software

Requirements	Minimum Value	
Physical memory (RAM)	Minimum 1 GB Refer to the *Oracle Agile Hardware Sizing Recommendations for Agile e6.1.2.2* guide to determine the required memory specific to your Oracle WebLogic installation.	
Disk space - for software files only	1 GB	
System architecture	*Operating system*	*Processor*
	Microsoft Windows Server 2008 EE 64 bit SP2	Intel Pentium 4 or higher/compatible
	Microsoft Windows Server 2008 R2 EE 64 bit	
JDK	The installation program requires a Java run-time environment (JRE) to run.	

Installation Package

Download and uncompress the Oracle WebLogic 11g Rel 1 (10.3.5) for the relevant platform from the *Oracle Software Delivery Cloud* web site.

The Installation Packages can be found under the product pack *Oracle Agile Applications > Oracle Agile Engineering Data Management (Release e6.1.2.2) Media Pack* for Microsoft Windows x64 (64-bit).

Chapter 3

Installing Oracle JRockit JVM

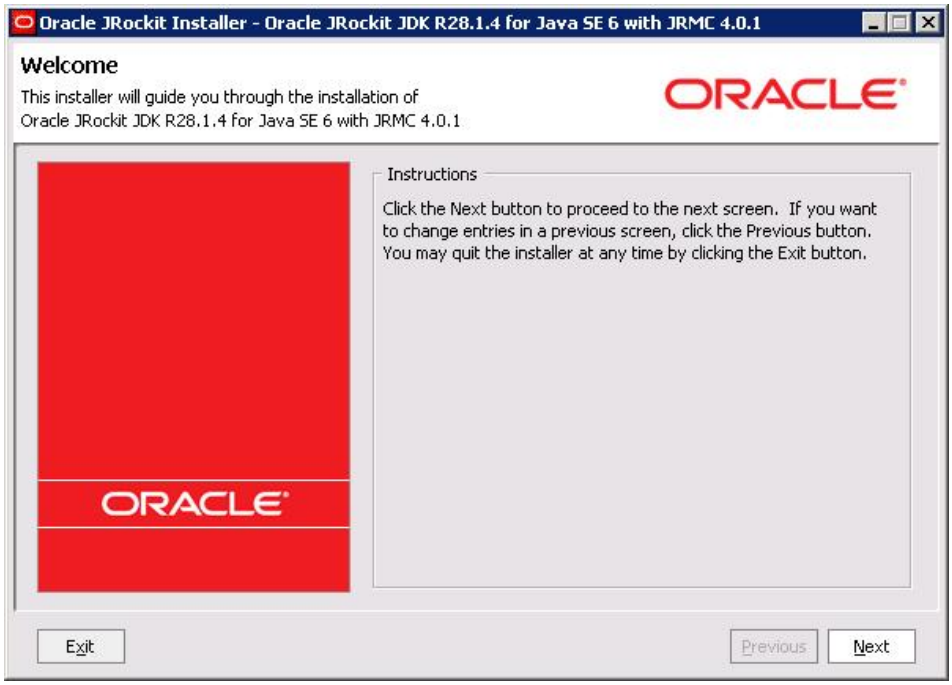
You are required to install Oracle JRockit JVM before starting with the Oracle WebLogic installation for the Windows operating system.

To start a generic Oracle WebLogic installer, you require 64-bit Oracle JRockit. You can download it from the Oracle Software Delivery Cloud (https://edelivery.oracle.com/)

To install the Oracle JRockit JVM:

1. Execute the Oracle JRockit Installer file.

   The installation process begins and the installer's *Welcome* screen appears.

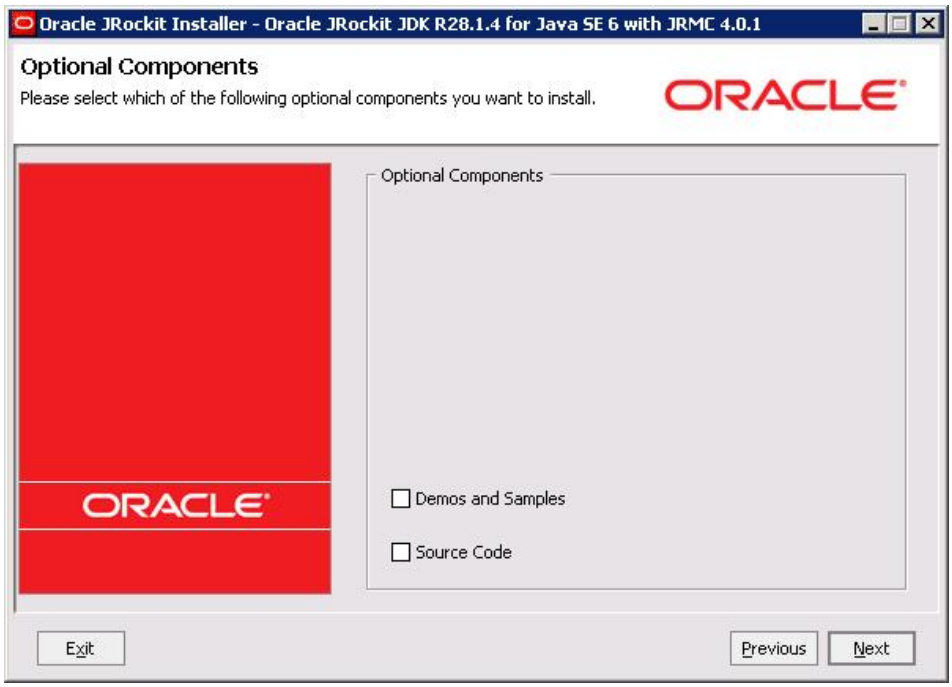


2. Click Next.

   The *Choose Product Installation Directories* screen appears.

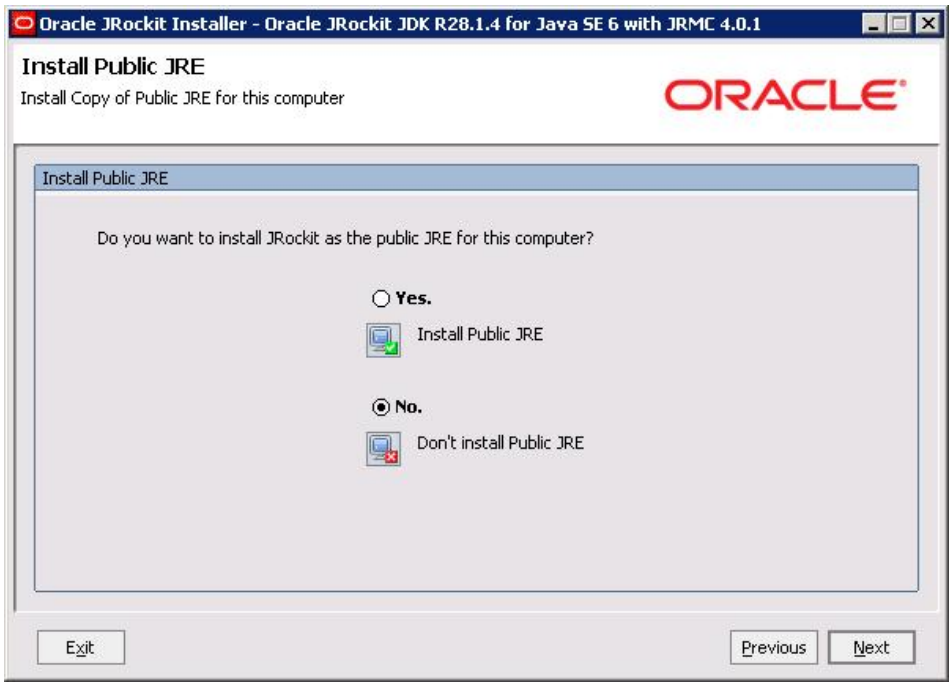
3. Specify the directory where you wish to install Oracle JRockit and click Next.

   The *Optional Components* screen appears.



4. Leave the Demos and Samples and Source Code options unchecked and click Next.

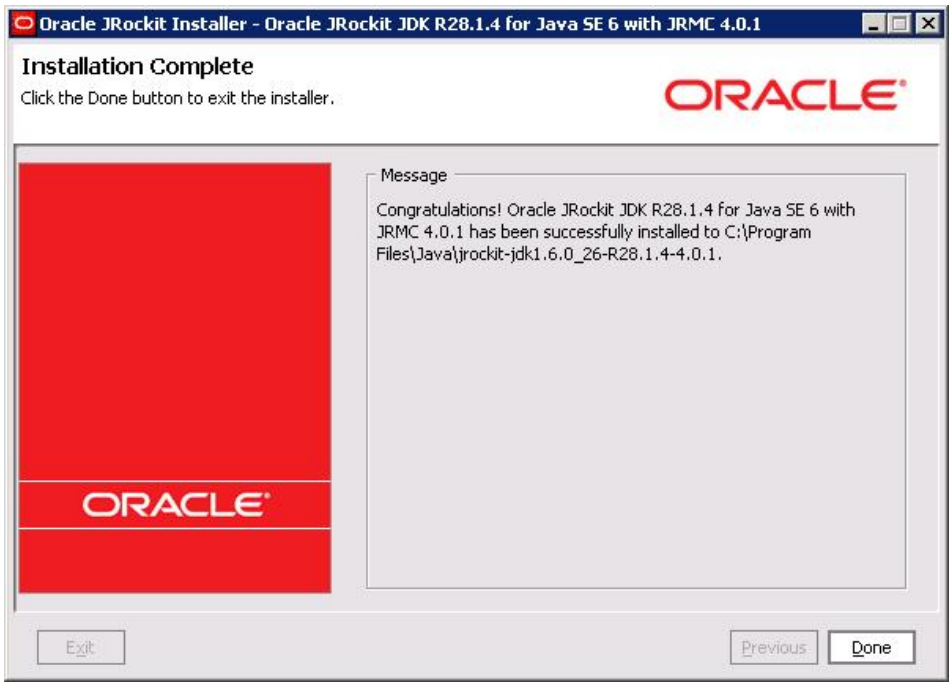
   The *Install Public JRE* screen appears.



5. Select No. Don't install Public JRE and click Next.

   The Oracle JRockit installation process begins.

   After successful completion of the installation, the *Installation Complete* screen appears.



6. Click Done to finish.

Chapter 4

Installing Oracle WebLogic Server

Before you begin with the Oracle WebLogic Server installation, note the following:

- The Oracle WebLogic Installer must be started with the installed 64-bit Oracle JRockit.
- A 64-bit Java has to be used to start a generic Oracle WebLogic installer.

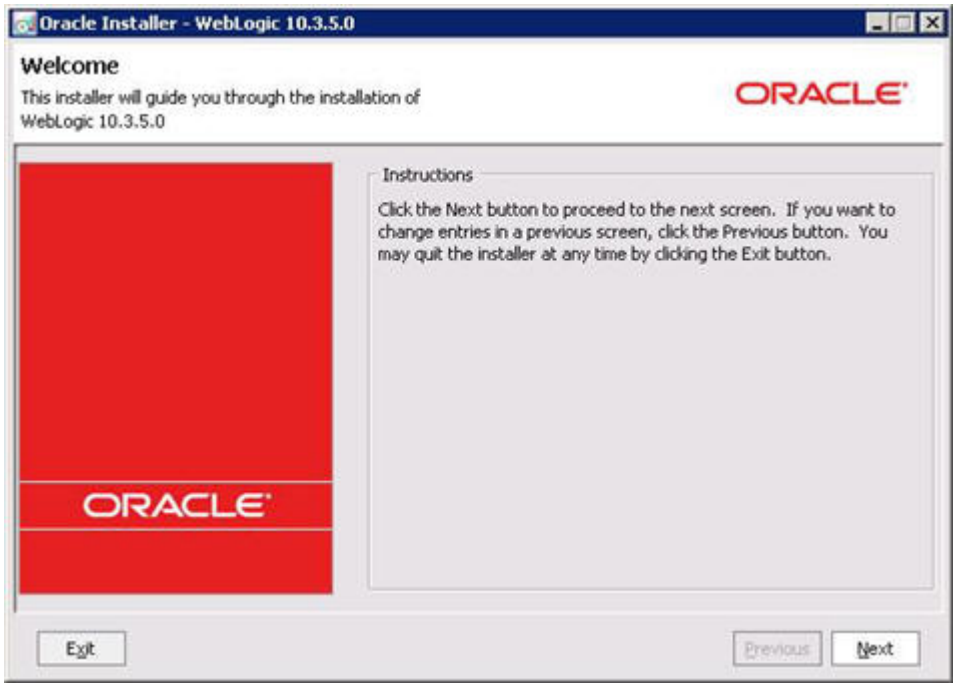
  Generic Oracle WebLogic Server (jar file) must be started with 64-bit and NOT a 32-bit JVM. If it is started with 32-bit JVM, it will not work later. It is recommended to use installed JRockit to run the generic installer.
- For installation on Windows, use the generic installer file ending with `.jar` as follows:

```
java -jar wls1035_generic.jar
```

To install the Oracle WebLogic Server:

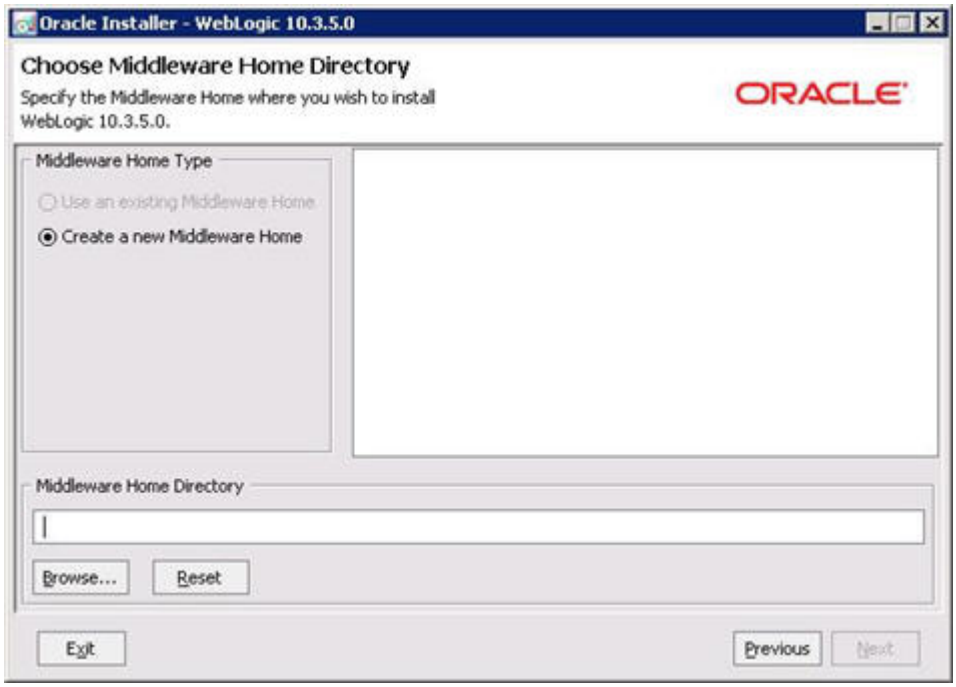
1. Run the Oracle WebLogic.

   The *Welcome* screen appears.



2. Click Next.

   The *Choose Middleware Home Directory* screen appears.



3. Specify the new Middleware Home Directory path and click Next.

   The *Register for Security Updates* screen appears.

   When you register your installation for the security updates with My Oracle Support, you receive security updates that are specific to your installation immediately.

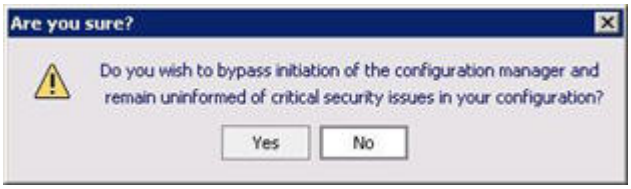
- If you want to register your installation, provide your My Oracle Support Email address and your My Oracle Support Password, and click Next.

  If you do not provide your Email address, the system issues a warning message.

  Make an appropriate choice and click accordingly.

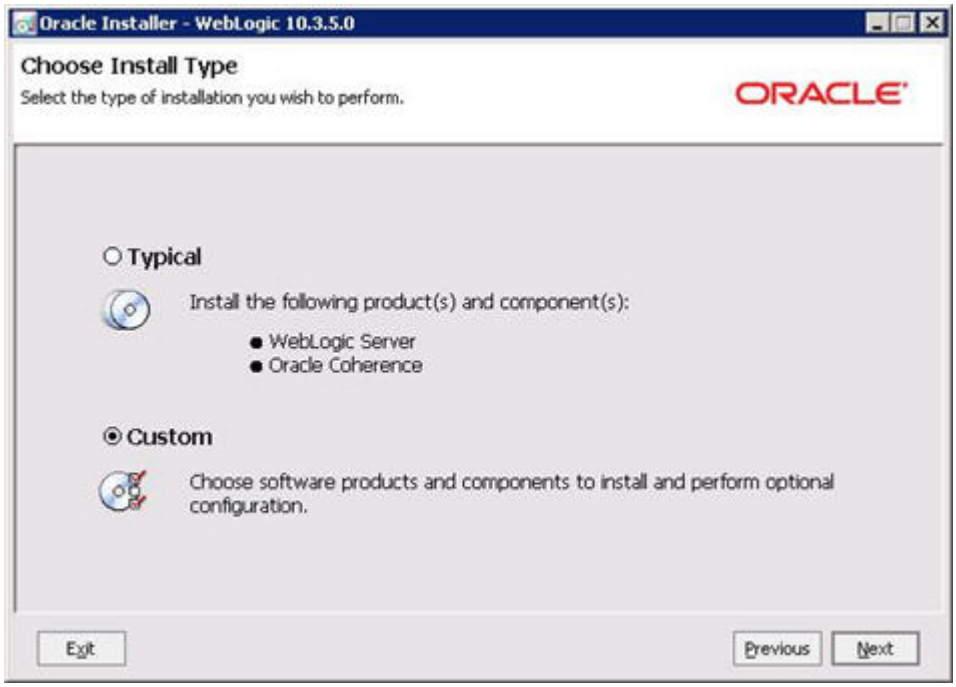
- If you chose not to register, deselect the *I wish to receive security updates via My Oracle Support* check box.

  The *Are You Sure?* warning window pops up.



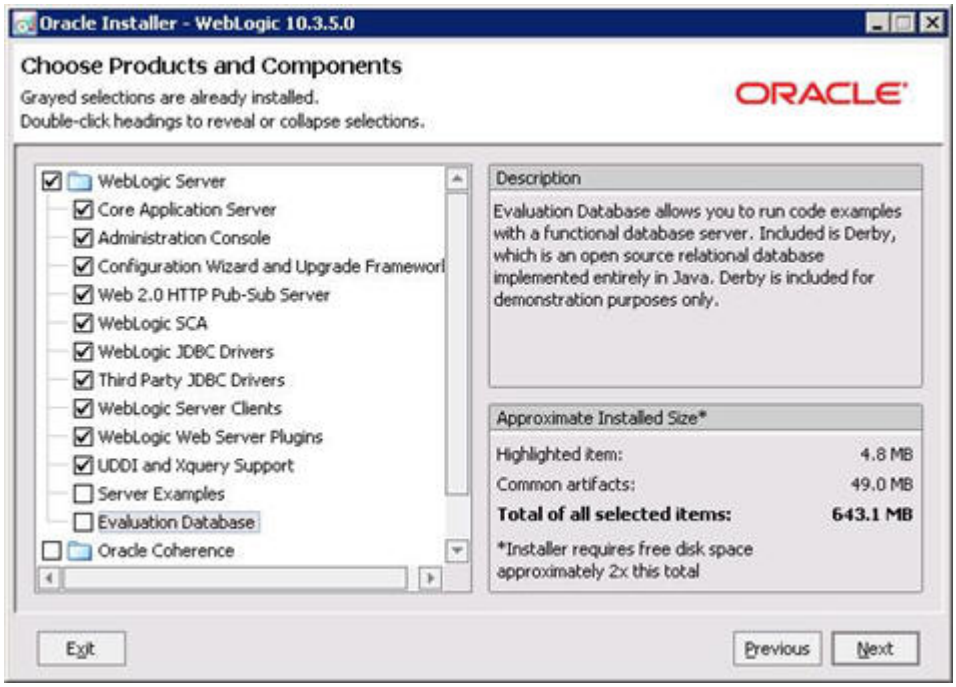
4. Click Yes to continue.

   The *Choose Install Type* screen appears.



5. Select Custom type of installation and click Next.

   The *Choose Products and Components* screen appears.

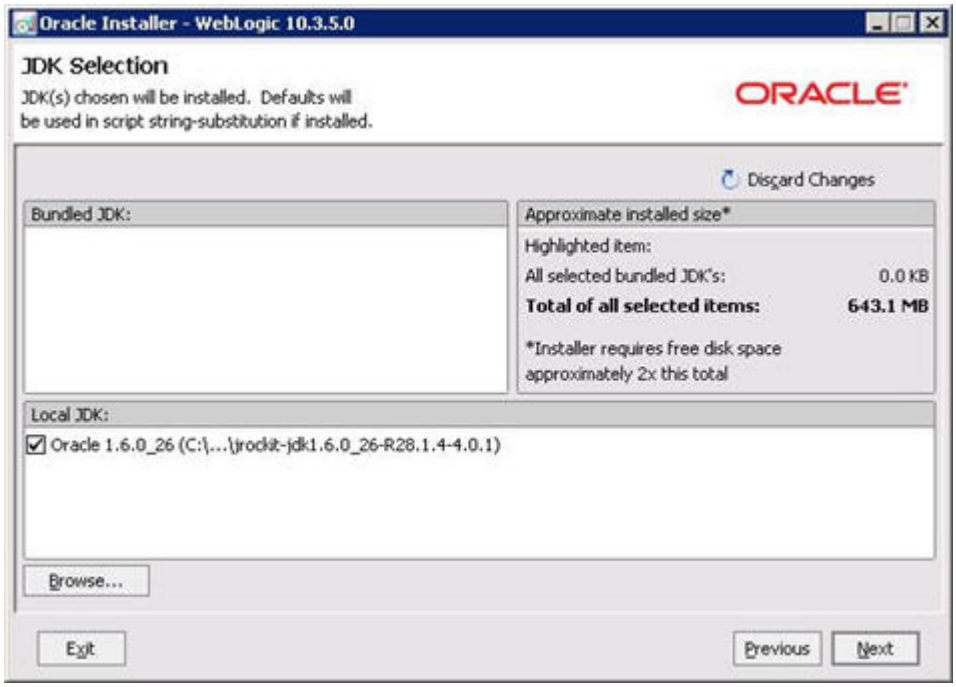


6. Uncheck Evaluation Database and Oracle Coherence.

   The rest of the components have to stay checked.

7. Click Next.

   The *JDK Selection* screen appears.

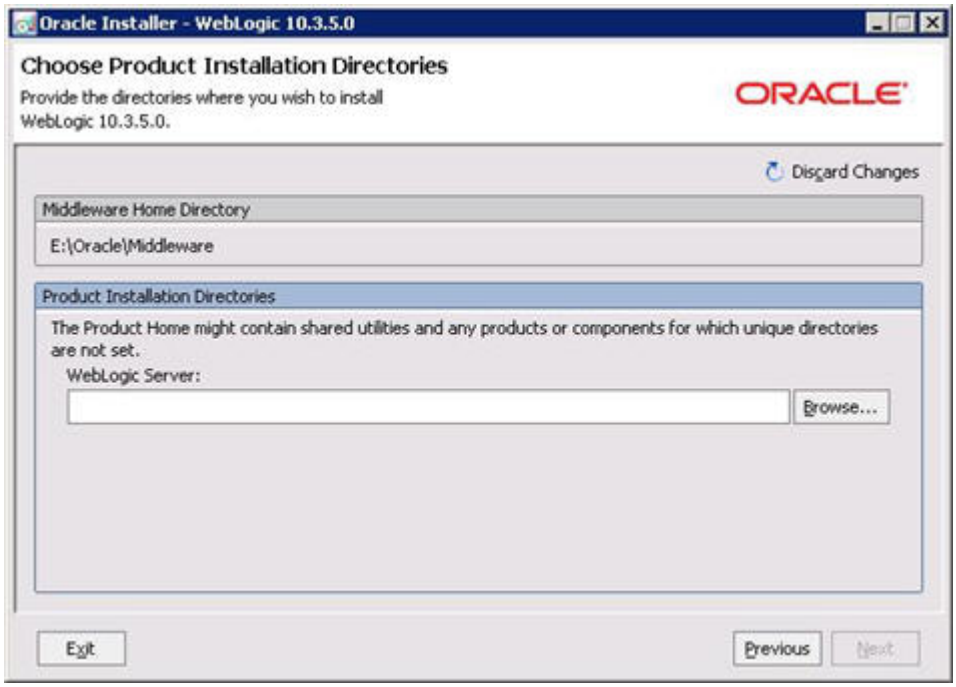


- If the Oracle WebLogic installer was started with the 64-bit Oracle JRockit, it will appear under Local JDK section. Make sure that it is selected.

  When the installation reaches this stage, a local JDK appears in the *Local JDK* pane. This JDK is used for the Weblogic domains. You can click on Browse to navigate to directory where JDK is installed. However, since the Weblogic installer is started with the JRockit, it is the JRockit path that appears in the *Local JDK* pane automatically. Ensure that it is selected.

8. Click Next.

   The *Choose Product Installation Directories* screen appears.



9. Specify the directory where the Oracle WebLogic Server will be installed.

   Usually this is under Middleware Home directory - *MiddlewareHome/wlserver_10.3*.

10. Click Next.

    The *Install Windows Service* screen appears.

11. Select Yes to install the Node Manager Service.

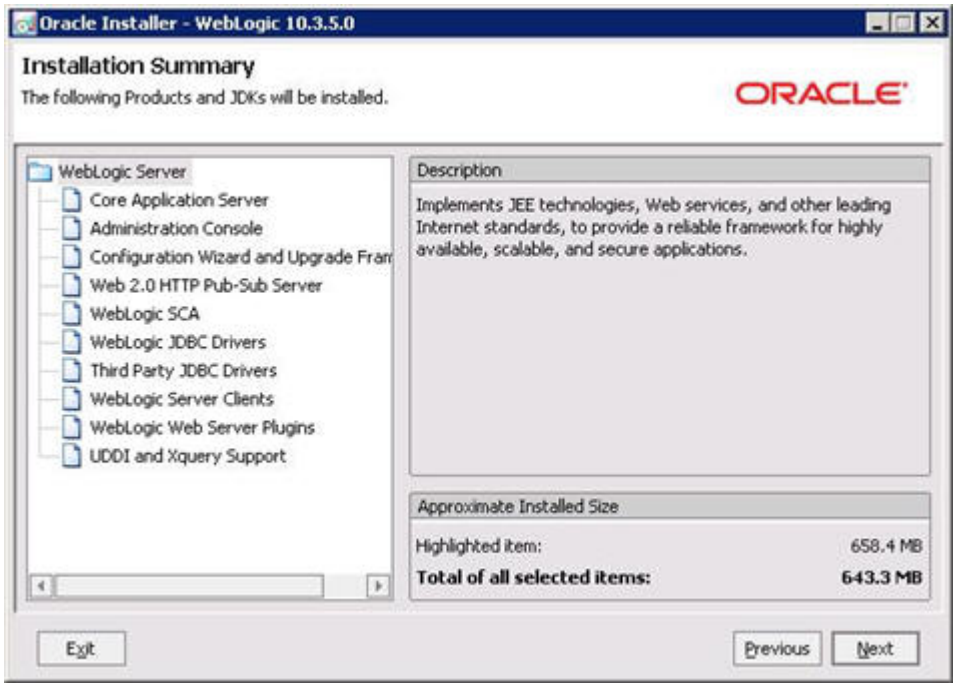
Use 5559 as a Node Manager Listen Port value.

12. Click Next.

    The *Choose Shortcut Location* screen appears.

13. Select "All Users" Start Menu folder and click Next.

    The *Installation Summary* screen appears.



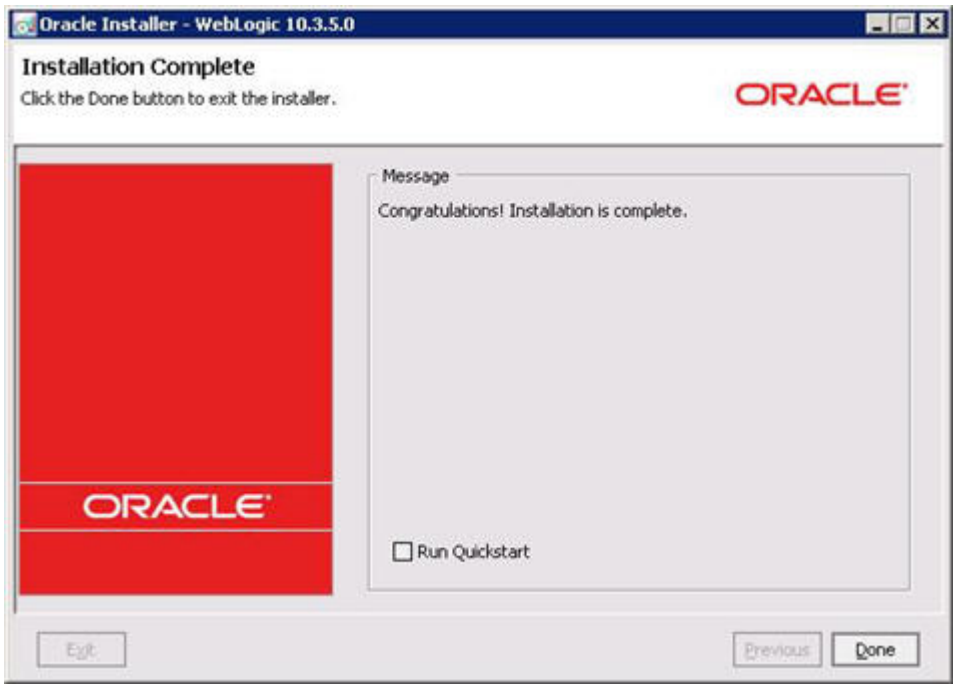
14. Review the options you have chosen and click Next.

Note The Approximate Installed Size differs for different platforms.

The installation process begins.

15. When the installation completes, click Next.

The *Installation Complete* screen appears.



16. Uncheck Run Quickstart and click Done.

Node Manager Configuration

After the completion of the installation process of the Oracle WebLogic Server, the Node Manager must be configured.

The Node Manager should be installed and available as a service, for example, *Oracle WebLogic NodeManager*. If not, create the windows service manually.

To create the windows service manually:

1. Execute the following command:

   ```
   <MIDDLEWARE_HOME>\wlserver_10.3\wlserver_10.3\server\bin\installNodeMgrSvc.cmd
   ```

   After the first startup of the Node Manager, it must be reconfigured. The configuration file will only be available after the first startup.

2. Change the following properties in the file *<WL_HOME>\common\nodemanager\nodemanager.properties*

   ```
   SecureListener=false
   ListenAddress=<your hostname>
   CrashRecoveryEnabled=true
   ```

3. After the changes, restart the windows service.