BEA WebLogic Server

and BEA WebLogic Express

Installation Guide

Copyright

Copyright © 2001 BEA Systems, Inc. All Rights Reserved.

Restricted Rights Legend

This software and documentation is subject to and made available only pursuant to the terms of the BEA Systems License Agreement and may be used or copied only in accordance with the terms of that agreement. It is against the law to copy the software except as specifically allowed in the agreement. This document may not, in whole or in part, be copied photocopied, reproduced, translated, or reduced to any electronic medium or machine readable form without prior consent, in writing, from BEA Systems, Inc.

Use, duplication or disclosure by the U.S. Government is subject to restrictions set forth in the BEA Systems License Agreement and in subparagraph (c)(1) of the Commercial Computer Software-Restricted Rights Clause at FAR 52.227-19; subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013, subparagraph (d) of the Commercial Computer Software--Licensing clause at NASA FAR supplement 16-52.227-86; or their equivalent.

Information in this document is subject to change without notice and does not represent a commitment on the part of BEA Systems. THE SOFTWARE AND DOCUMENTATION ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. FURTHER, BEA Systems DOES NOT WARRANT, GUARANTEE, OR MAKE ANY REPRESENTATIONS REGARDING THE USE, OR THE RESULTS OF THE USE, OF THE SOFTWARE OR WRITTEN MATERIAL IN TERMS OF CORRECTNESS, ACCURACY, RELIABILITY, OR OTHERWISE.

Trademarks or Service Marks

BEA, Jolt, Tuxedo, and WebLogic are registered trademarks of BEA Systems, Inc. BEA Builder, BEA Campaign Manager for WebLogic, BEA eLink, BEA Manager, BEA WebLogic Collaborate, BEA WebLogic Commerce Server, BEA WebLogic E-Business Platform, BEA WebLogic Enterprise, BEA WebLogic Integration, BEA WebLogic Personalization Server, BEA WebLogic Process Integrator, BEA WebLogic Server, E-Business Control Center, How Business Becomes E-Business, Liquid Data, Operating System for the Internet, and Portal FrameWork are trademarks of BEA Systems, Inc.

All other trademarks are the property of their respective companies.

BEA WebLogic Server Installation Guide

Part Number	Document Date	Software Version
860-001001-006	June 4, 2001	BEA WebLogic Server Version 6.0

Contents

5. Installing a WebLogic Server License

6. Installing and Uninstalling Service Packs on WebLogic Server

7. Performing Post-Installation Tasks

Index

About This Document

This document explains how to install the BEA WebLogic Server™ software on both Windows and UNIX systems.

This document is organized as follows:

- Chapter 1, "Preparing to Install WebLogic Server," provides the basic information you need to know before installing WebLogic Server.

- Chapter 2, "Installing WebLogic Server Using GUI-Mode Installation," describes how to install the WebLogic Server software on Windows and UNIX systems using a Java-based GUI.

- Chapter 3, "Installing WebLogic Server on UNIX Systems Using Console-Mode Installation," discusses how to install WebLogic Server on UNIX systems using a text-based interface.

- Chapter 4, "Installing WebLogic Server Using Silent Installation," describes how to install WebLogic Server without user intervention by using a template file during the installation process.

- Chapter 5, "Installing a WebLogic Server License," explains how to install and update your WebLogic Server license file.

- Chapter 6, "Installing and Uninstalling Service Packs on WebLogic Server," describes how to install and uninstall Service Packs on an already installed WebLogic Server using the same methods available for installing and uninstalling WebLogic Server.

- Chapter 7, "Performing Post-Installation Tasks," provides information about how to verify your installation; start and shut down the default administration, examples, and Pet Store servers; start the default administration console; and uninstall the WebLogic Server software.

Audience

This document is written for system administrators or application developers who are installing the WebLogic Server software. It is assumed that readers know Web technologies and have a general understanding of Windows and UNIX systems.

e-docs Web Site

BEA product documentation is available on the BEA corporate Web site. From the BEA Home page, click on Product Documentation or go directly to the WebLogic Server Product Documentation page at `http://e-docs.bea.com/wls/docs60`.

How to Print the Document

You can print a copy of this document from a Web browser, one main topic at a time, by using the File—>Print option on your Web browser.

A PDF version of this document is available on the WebLogic Server documentation Home page on the e-docs Web site (and also on the documentation CD). You can open the PDF in Adobe Acrobat Reader and print the entire document (or a portion of it) in book format. To access the PDFs, open the WebLogic Server documentation Home page, click Download Documentation, and select the document you want to print.

Adobe Acrobat Reader is available at no charge from the Adobe Web site at `http://www.adobe.com`.

Related Information

The BEA corporate Web site provides all documentation for WebLogic Server. Other WebLogic Server documents that you may find helpful when installing the WebLogic Server software are:

- Introduction to BEA WebLogic Server at
  http://e-docs.bea.com/wls/docs60/intro/index.html

- Administration Guide at
  http://e-docs.bea.com/wls/docs60/adminguide/index.html

- Programming WebLogic XML at
  http://e-docs.bea.com/wls/docs60/xml/index.html

- Installing and Using WebLogic jDriver for Oracle at
  http://e-docs.bea.com/wls/docs60/oracle/index.html

Introduction to BEA WebLogic Server includes a description of the BEA WebLogic Express™ software, which incorporates the presentation and database access services from WebLogic Server.

Contact Us!

Your feedback on BEA documentation is important to us. Send us e-mail at docsupport@bea.com if you have questions or comments. Your comments will be reviewed directly by the BEA professionals who create and update the documentation.

In your e-mail message, please indicate the software name and version you are using, as well as the title and document date of your documentation. If you have any questions about this version of BEA WebLogic Server, or if you have problems installing and running BEA WebLogic Server, contact BEA Customer Support through BEA WebSupport at http://www.bea.com. You can also contact Customer Support by using the contact information provided on the Customer Support Card, which is included in the product package.

When contacting Customer Support, be prepared to provide the following information:

- Your name, e-mail address, phone number, and fax number

- Your company name and company address

- Your machine type and authorization codes

- The name and version of the product you are using

- A description of the problem and the content of pertinent error messages

Documentation Conventions

The following documentation conventions are used throughout this document.

Convention	Usage
Ctrl+Tab	Keys you press simultaneously.
italics	Emphasis and book titles.

`monospace text`	Code samples, commands and their options, Java classes, data types, directories, and filenames and their extensions. Monospace text also indicates text that you enter from the keyboard.
	Examples:
	`import java.util.Enumeration;`
	`chmod u+w *`
	`config/examples/applications`
	`.java`
	`config.xml`
	`float`

`monospace italic text`	Variables in code. *Example*: `String CustomerName;`

Convention	Usage
UPPERCASE TEXT	Device names, environment variables, and logical operators. *Example*s: LPT1 BEA_HOME OR
{ }	A set of choices in a syntax line.
[ ]	Optional items in a syntax line. *Example*: ``` java utils.MulticastTest -n name -a address [-p portnumber] [-t timeout] [-s send] ```
|	Separates mutually exclusive choices in a syntax line. *Example*: ``` java weblogic.deploy [list|deploy|undeploy|update] password {application} {source} ```
...	Indicates one of the following in a command line: ■ An argument can be repeated several times in the command line. ■ The statement omits additional optional arguments. ■ You can enter additional parameters, values, or other information
. . .	Indicates the omission of items from a code example or from a syntax line.

1 Preparing to Install WebLogic Server

The following sections provide information that you need to know before installing the BEA WebLogic Server™ software:

- BEA Installation Program

- WebLogic Server Distribution Methods

- WebLogic Server Software Components

- System Requirements

- Temporary Storage Space Requirements

- Software Requirements

- BEA Home Directory

- Enabling 128-Bit Encryption

- Upgrading from a Pre-6.0 Version of WebLogic Server

- Installation Road Map

BEA Installation Program

The BEA Installation program is the BEA standard tool for WebLogic Server product installation and Service Pack installation. You use the BEA Installation program to install the WebLogic Server software on the target Windows or UNIX system (machine). The BEA Installation program itself is included with the WebLogic Server installer file.

WebLogic Express Support

The BEA Installation program may also be used to install the BEA WebLogic Express™ solution, which is the entry-level Web application server offered by BEA. For additional information about WebLogic Express, see Introduction to BEA WebLogic Server at `http://e-docs.bea.com/wls/docs60/intro/index.html`.

Installation Methods

The BEA Installation program supports three installation methods:

- Graphical user interface (GUI) mode installation—See "Installing WebLogic Server Using GUI-Mode Installation" on page 2-1.

- Console-mode installation (UNIX systems only)—See "Installing WebLogic Server on UNIX Systems Using Console-Mode Installation" on page 3-1.

- Silent installation—See "Installing WebLogic Server Using Silent Installation" on page 4-1.

To install a Service Pack upgrade, see "Installing and Uninstalling Service Packs on WebLogic Server" on page 6-1.

WebLogic Server Distribution Methods

WebLogic Server is distributed on both the Web and CD-ROM. Service Packs for WebLogic Server are distributed only on the Web.

Web Distribution of WebLogic Server

An evaluation copy of WebLogic Server 6.0 is available for download from the BEA corporate Web site at
`http://commerce.beasys.com/downloads/weblogic_server.jsp`. When you download WebLogic Server, you get a built-in 30-day evaluation license with access for client connections from up to three IP addresses. After the 30-day trial period, you can purchase a development or production license for your WebLogic Server product.

WebLogic Server is distributed as an installer file, which contains a copy of the BEA Installation program. Platform-specific installers for WebLogic Server are available for download from the BEA corporate Web site.

CD-ROM Distribution of WebLogic Server

If you purchased WebLogic Server from your local sales representative, you will find the following items in the WebLogic Server product box:

- Two CD-ROMs:
  - BEA WebLogic Server product software CD
  - BEA WebLogic Server Online Documentation CD
- The following printed documents:
  - *Installation Guide* (this document)
  - *Introduction to BEA WebLogic Server*
  - BEA WebLogic Server *Release Notes*

- "BEA Software License and Limited Warranty" pamphlet
- "Customer Support Quick Reference and Other Important Information" card

You can also access the WebLogic Server Online Documentation at
http://edocs.bea.com/index.html.

Web Distribution of Service Packs

Service Packs are included in the latest distributions of WebLogic Server 6.0, which
you can download from
http://commerce.bea.com/downloads/weblogic_server.jsp. If you do not
have WebLogic Server installed, or if your WebLogic Server installation is 5.1 or
earlier, you should install this distribution.

If you already have WebLogic Server 6.0 installed, with no Service Pack or with an
earlier 6.0 Service Pack, *and* if you have a BEA WebSUPPORT account, you can
download the Service Pack from http://websupport.beasys.com/custsupp
without downloading the entire WebLogic Server 6.0 distribution. A Service Pack to
be installed at the customer site is distributed as an installer file, which contains a copy
of the BEA Installation program.

If you do *not* have a BEA WebSUPPORT account go to
http://contact.bea.com/bea/www/BEACustRegLogin.jsp to get one.

WebLogic Server Software Components

WebLogic Server consists of two major components:

- Program files
- Example files

The program files contain the WebLogic Server *default* server (also known as the
Administration Server) and the WebLogic Server core Java™ 2, Enterprise Edition
(J2EE) features. The examples files contain the WebLogic Server *examples* and *Pet*

Store servers and sample applications, and demonstrate a variety of J2EE features using WebLogic Server. Resources are provided to help you build, configure, and run each of the sample applications.

Note: You will be asked during the installation to make the following decision: whether to install the program files *and* the example files (Server with Examples selection) or only the program files (Server Only selection).

In addition, secure sockets layer (SSL) encryption software is available with two levels of encryption: 56-bit and 128-bit. Licenses for the 128-bit client version of SSL are available in the United States and Canada. With proper authorization, customers outside the United States and Canada may also acquire licenses with 128-bit encryption enabled. For details on acquiring and installing a WebLogic Server software license, see "Installing a WebLogic Server License" on page 5-1; also, see "Enabling 128-Bit Encryption" on page 1-12.

System Requirements

The system requirements for WebLogic Server are given in the following table.

Component	Requirement
Platform	A certified WebLogic Server platform. See the *Platform Support* page at http://e-docs.bea.com/wls/certifications/certifications/index.html; this page includes the recommended Java run-time environment versions and, when appropriate, other prerequisites or recommendations, such as operating system patches, kernel configuration values, and performance packs.
	For more information about performance packs, see "Using WebLogic Server Performance Packs" in the *Performance and Tuning Guide* at http://e-docs.bea.com/wls/docs60/perform/WLSTuning.html#wlstuning-PerformPacks.
Hard disk drive	For a WebLogic Server 6.0* installation on a Windows system— about 171 MB** of free storage space.
	For a WebLogic Server 6.0* installation on a UNIX system—about 210 MB** of free storage space.
	For a Service Pack installation on a Windows or UNIX system— about 149 MB*** of free storage space.
Memory	For a Windows or UNIX system, 128 MB of RAM minimum (more may be required if you are running on a cluster).
Color bit depth display	For graphical user interface (GUI) mode installation, 8-bit color depth (256 colors).
	For console-mode and silent-mode installation, there is no color bit depth requirement.

   * With Service Pack already applied.

  ** Includes 76 MB of temporary storage space required by the installer program.

*** Includes 39 MB of temporary storage space required by the Service Pack installer program.

Temporary Storage Space Requirements

The BEA Installation program uses a temporary directory in which it extracts the files necessary to install WebLogic Server on the target system. During the installation process, your temporary directory must contain sufficient space to accommodate the compressed Java Development Kit (JDK) bundled with the installer and an uncompressed copy of the JDK that is expanded into the temporary directory. The extracted files are deleted from the temporary directory at the end of the installation process.

The amount of temporary storage space needed depends upon the target system and the WebLogic Server 6.0 installer. A minimum of 76 MB is required for a full installation of WebLogic Server 6.0 with Service Pack already applied. A minimum of 39 MB is required for a Service Pack upgrade installation.

By default, the installation program uses the temporary directories shown in the following table.

Platform	Directory
Windows	Directory referenced by the `TMP` system variable
UNIX	`/tmp`

To ensure there is adequate temporary space, you may want to allocate an alternate directory as follows, for use as a temporary directory for the installation.

On this platform . . .	Perform this step . . .
Windows	Set the `TMP` system variable to a directory of your choice.
UNIX	Enter the following command at the shell prompt: `export IATEMPDIR=`*`tmpdirname`* Replace *`tmpdirname`* with the name of a temporary directory of your choice.

Software Requirements

WebLogic Server 6.0 requires the following software:

- JDK 1.3—A Java Development Kit (JDK) provides a Java run-time environment (the Java Virtual Machine, or JVM) and tools for compiling and debugging Java applications. JDK 1.3 is bundled with the WebLogic Server 6.0 software and is installed by default on your system.

- Microsoft Internet Explorer 5.x or Netscape 4.7x—Browser software to support the Administration Console. The Administration Console is the Web-based administrator client interface to WebLogic Server.

- Other software is required by various platforms and operating systems. BEA frequently updates the lists of software requirements for platforms and operating systems on which WebLogic Server runs. Check the *Platform Support* page at `http://e-docs.bea.com/wls/certifications/certifications/index.html` for the latest information about your platform and operating system.

BEA Home Directory

When you install WebLogic Server, you are prompted to specify a BEA Home directory. The BEA Home directory is a repository for common files that are used by multiple BEA products installed on the same machine. For this reason, the BEA Home directory can be considered a "central support directory" for the BEA products installed on your system.

The files in the BEA Home directory are essential to ensuring that the BEA software operates correctly on your system. They perform the following types of functions:

- Ensure that licensing works correctly for the installed BEA products

- Facilitate checking of cross-product dependencies during installation

- Facilitate Service Pack installation

The structure of a sample BEA Home directory created by the WebLogic Server installer program is shown in the following illustration.

BEA Home (dir)	
	registry.xml
	license.bea
	UpdateLicense (.cmd/.sh)
	logs (dir)
	utils (dir)
	jdk130 (dir)
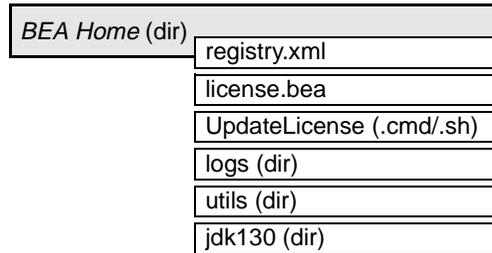
Choosing a BEA Home Directory

During the installation of WebLogic Server, you are prompted to choose an existing BEA Home directory or specify a path for a new BEA Home directory. If you choose to create a new directory, the WebLogic Server installer program automatically creates the directory for you.

Next, you choose a BEA product directory for your WebLogic Server installation. You can create your BEA product directory under the BEA Home directory, but there is no requirement to do so.

Note: For a BEA Home directory, you are allowed to install only one instance of each type and version of a BEA product that uses the BEA Home directory convention. For example, you can install only one instance of WebLogic Server 6.0 in a BEA Home directory.

Understanding the Functions of the BEA Home Directory

The files and directories in the BEA Home directory are described in the following table.

Component	Description
registry.xml file	An Extensible Markup Language (XML) registry file that contains a persistent record of all BEA products installed on the target system. This registry contains product-related information, such as version level, Service Pack level, and installation directory.
	Note: Do not edit this file manually. Doing so may cause operating problems for the currently installed BEA products, or result in installation problems when installing future BEA products or maintenance upgrades.
license.bea file	An XML-format license file that contains the license keys for all BEA WebLogic products installed on your system that use the BEA Home directory convention.
	The first time you install a WebLogic product that uses the BEA Home directory convention, the installer program installs a license.bea file in the BEA Home directory that you specify during installation. When you install additional WebLogic products that contain a license file as part of the distribution (such as an evaluation license), the installer program automatically updates the license.bea file. To add a non-expiring (permanent) license or to update a license file for additional functionality, you must update the license.bea file using the UpdateLicense utility.
	Note: Do not edit this file manually. Doing so may cause operating problems for the currently installed BEA products, or result in installation problems when installing future BEA products or maintenance upgrades.
UpdateLicense (.cmd/.sh)	A command file (Windows NT/2000) or a shell script (UNIX) that updates the current license.bea file with new license sections. The result is a merged license that contains both the existing and new license sections. For details about using the UpdateLicense utility, see "Installing a WebLogic Server License" on page 5-1.

Component	Description
logs directory	A directory containing a BEA Home location file and a history file of installation and uninstallation for the BEA Home directory. For more information on these files, see "Understanding the WebLogic Server Windows Shortcuts" on page 2-12.
utils directory	A directory containing utilities that are used to support the installation of all BEA WebLogic Server products. The utils.jar file contains code that supports the UpdateLicense utility.
jdk130 directory	A directory containing the 1.3 version of the Java Development Kit. JDK 1.3 provides the Java run-time environment (the Java Virtual Machine, or JVM) and tools for compiling and debugging Java applications. This version of the JDK is included in the WebLogic Server 6.0 distribution. It is automatically installed in the BEA Home directory when you install WebLogic Server.

Creating More Than One BEA Home Directory

Although it is possible to create more than one BEA Home directory, BEA recommends that you avoid doing so. In almost all situations, a single BEA Home directory is sufficient. There may be circumstances, however, in which you prefer to maintain separate development and production environments, each containing a separate product stack. With two directories, you can update your development environment (in a BEA Home directory) without modifying the production environment until you are ready to do so.

Enabling 128-Bit Encryption

WebLogic Server licenses comes with 56-bit encryption enabled by default. Enabling 128-bit encryption for SSL requires that a 128-bit encryption license be present in the license.bea file of the target BEA Home directory *before* you install the WebLogic Server software. That is, the installer program must find the 128-bit encryption license in the license.bea file before the installer enables 128-bit encryption for the WebLogic Server installation.

When creating a brand new BEA Home directory for a WebLogic Server installation intended for 128-bit encryption, proceed as follows:

1. Acquire a 128-bit encryption license for WebLogic Server.

   For details, contact BEA Sales at
   http://www.bea.com/contact/sales1.shtml.

2. Install the WebLogic Server software.

   For instructions, see one of the following installation procedures: "Installing WebLogic Server Using GUI-Mode Installation" on page 2-1, "Installing WebLogic Server on UNIX Systems Using Console-Mode Installation" on page 3-1, or "Installing WebLogic Server Using Silent Installation" on page 4-1.

3. Update the license.bea file for the installation with the 128-bit encryption license.

   For instructions, see "Updating Your license.bea File on a Windows System" on page 5-4 or "Updating Your license.bea File on a UNIX System" on page 5-4.

4. Uninstall the WebLogic Server software (optional but recommended).

   For instructions, see "Uninstalling WebLogic Server" on page 7-27.

5. Reinstall the WebLogic Server software.

   For instructions, see one of the following installation procedures: "Installing WebLogic Server Using GUI-Mode Installation" on page 2-1, "Installing WebLogic Server on UNIX Systems Using Console-Mode Installation" on page 3-1, or "Installing WebLogic Server Using Silent Installation" on page 4-1.

If the installer program does not find a WebLogic Server license in the `license.bea` file or finds a 56-bit encryption license for WebLogic Server in the `license.bea` file, the installer includes 56-bit SSL plug-ins in the WebLogic Server installation. If the installer program finds a 128-bit encryption license for WebLogic Server in the `license.bea` file, the installer includes both 56-bit *and* 128-bit SSL plug-ins in the WebLogic Server installation. For details about WebLogic Server SSL plug-ins, see "Installing and Configuring the Apache HTTP Server Plug-In," "Installing and Configuring the Microsoft Internet Information Server (ISAPI) Plug-In," and "Installing and Configuring the Netscape Enterprise Server Plug-In (NSAPI)" in the *Administration Guide* starting at
`http://e-docs.bea.com/wls/docs60/adminguide/apache.html`.

Upgrading from a Pre-6.0 Version of WebLogic Server

If you are upgrading from a pre-6.0 version (5.1 or earlier) of WebLogic Server, take the following precautions before installing the new version:

1. Save your current license files in a safe location. Java-format license files (`WebLogicLicense.class`) and XML-format license files (`WebLogicLicense.XML`) from pre-6.0 versions of WebLogic Server are no longer supported. You must upgrade these license files to the `license.bea` format. For details about upgrading your license file, see "Upgrading Licenses from a Pre-6.0 Version of WebLogic Server" on page 5-5.

2. Save your `weblogic.properties` file in a safe location. In WebLogic Server 6.0, the `weblogic.properties` file is no longer supported; configuration attributes are stored in a persistent XML file (`config.xml`) for each domain. (A domain is a unit of administration for a WebLogic Server installation.) After you install WebLogic Server 6.0, you must convert your `weblogic.properties` file to a domain configuration file (`config.xml`) using a conversion script provided through the Administration Console. Procedures for converting your `weblogic.properties` file are provided in the Console Help documentation at
`http://e-docs.bea.com/wls/docs60/ConsoleHelp/conversion.html`.

3. Save any user-written code or compiled classes in a safe location.

4. Copy your entire WebLogic distribution to a safe location or otherwise back up your previous installation to safeguard your applications and environment. *Do not install a new version of* WebLogic Server *on top of a previous version.*

Installation Road Map

You are now ready to begin your installation. To install WebLogic Server 6.0, see one of the following:

- "Installing WebLogic Server Using GUI-Mode Installation" on page 2-1

- "Installing WebLogic Server on UNIX Systems Using Console-Mode Installation" on page 3-1

- "Installing WebLogic Server Using Silent Installation" on page 4-1

To install a Service Pack, see "Installing and Uninstalling Service Packs on WebLogic Server" on page 6-1.

2 Installing WebLogic Server Using GUI-Mode Installation

The following sections describe how to install WebLogic Server using graphical user interface (GUI) mode installation on both Windows and UNIX systems:

- What Is GUI-Mode Installation?

- Before You Start

- Starting GUI-Mode Installation on a Windows System

- Starting GUI-Mode Installation on a UNIX System

- Running GUI-Mode Installation

- Understanding the WebLogic Server Windows Service

- Understanding the WebLogic Server Windows Shortcuts

- What's Next?

What Is GUI-Mode Installation?

GUI-mode installation is the graphics-based method of executing the BEA Installation program. It can be run on both Windows and UNIX systems.

To run GUI-mode installation, the console attached to the machine on which you are installing the software must support a Java-based GUI. All consoles for Windows systems support Java-based GUIs, but not all consoles for UNIX systems do.

Note: To install WebLogic Server on a UNIX system with a non-graphics console, see "Installing WebLogic Server on UNIX Systems Using Console-Mode Installation" on page 3-1.

The following sections focus on using GUI-mode installation to install the WebLogic Server 6.0 base product. Base product, as used here, implies a full installation of WebLogic Server, which includes the installation of the Java Development Kit (JDK). A WebLogic Server 6.0 base product may or may not have Service Packs already applied.

Before You Start

Do not install an upgraded version of WebLogic Server 6.0 on top of a non-upgraded version. For example, do not install WebLogic Server 6.0 with Service Pack 2 already applied on top of WebLogic Server 6.0 with Service Pack 1 already applied. In this example, either uninstall the WebLogic Server instance, as described in "Uninstalling WebLogic Server" on page 7-27, and then install the upgraded instance, or upgrade the WebLogic Server instance with Service Pack 2, as described in "Installing and Uninstalling Service Packs on WebLogic Server" on page 6-1.

Starting GUI-Mode Installation on a Windows System

To start the GUI-mode installation process on a Windows system, follow these steps:

1. Log in to the Windows system.

   If you want to install WebLogic Server as a Windows service, you must have `Administrator` privileges. For information about installing WebLogic Server as a Windows service, see "Understanding the WebLogic Server Windows Service" on page 2-9.

2. If installing WebLogic Server by downloading from the BEA Web site:

   a. Go to http://commerce.beasys.com/downloads/weblogic_server.jsp and download the WebLogic Server installer that is specific to your platform.

   b. Go to the directory where you downloaded the installer and double-click *filename*.exe file, where *filename* is the name of the WebLogic Server installer.

   If installing WebLogic Server from the CD-ROM:

   a. Insert the WebLogic Server CD-ROM into the CD-ROM drive.

   b. If the installation script is not automatically invoked, open the Windows Explorer and double-click the CD-ROM icon.

   c. Double-click `install.exe`. The installation program begins to install WebLogic Server.

3. Proceed to "Running GUI-Mode Installation" on page 2-6.

Starting GUI-Mode Installation on a UNIX System

A WebLogic Server 6.0 installer for a UNIX platform takes one of two forms:

- A Java installer wrapped in a shell script bundled with JDK 1.3 and with a filename ending in `.bin`

- A pure Java installer having no JDK with a filename ending in `.zip`

This section presents installation procedures for both types of installers.

Starting GUI-Mode Installation for filename.bin Installers

To start the GUI-mode installation process for `filename.bin` installers, follow these steps:

1. Log in to the target UNIX system.

2. Open a command-line shell.

3. If installing WebLogic Server by downloading from the BEA Web site:

   a. Go to http://commerce.beasys.com/downloads/weblogic_server.jsp and download the WebLogic Server installer that is specific to your platform.

   b. Go to the directory where you downloaded the installer and invoke the installation procedure by entering the following command:

      sh `filename.bin`

      where `filename` is the name of the WebLogic Server installer.

If installing WebLogic Server from the CD-ROM:

a.   Insert the WebLogic Server CD-ROM into the CD-ROM drive.

b.   Go to the CD-ROM directory.

c.   Invoke the installation procedure by entering the following command:

```
sh filename.bin
```

where `filename` is the name of the WebLogic Server installer specific to your platform.

4.   Proceed to "Running GUI-Mode Installation" on page 2-6.

Starting GUI-Mode Installation for filename.zip Installers

To start the GUI-mode installation process for `filename.zip` installers, follow these steps:

1.   Log in to the target UNIX system.

2.   Open a command-line shell.

3.   Include the `bin` directory of JDK 1.3 (or higher) at the front of the `PATH` variable on the target system. For example:

```
PATH=full_path_to_jdk130/bin:$PATH
export PATH
```

Replace `full_path_to_jdk130` with the full pathname to the JDK 1.3 directory.

4.   If installing WebLogic Server by downloading from the BEA Web site:

a.   Go to
http://commerce.beasys.com/downloads/weblogic_server.jsp and download the WebLogic Server installer that is specific to your platform.

    b. Go to the directory where you downloaded the installer and invoke the installation procedure by entering the following command:

```
java -cp filename.zip install
```

    where *filename* is the name of the WebLogic Server installer.

If installing WebLogic Server from the CD-ROM:

    a. Insert the WebLogic Server CD-ROM into the CD-ROM drive.

    b. Go to the CD-ROM directory.

    c. Invoke the installation procedure by entering the following command:

```
java -cp filename.zip install
```

    where *filename* is the name of the WebLogic Server installer specific to your platform.

5. Proceed to "Running GUI-Mode Installation" on page 2-6.

Running GUI-Mode Installation

The installation program prompts you to enter specific information about your system and configuration. For instructions on responding to the prompts during installation, see the following table.

In this window . . .	Perform the following action . . .
BEA Logo	Select the language in which to display text during the installation.
Welcome	Click the Next button to proceed with the installation. You may cancel the installation at any time by clicking Exit.
License Agreement	Read the BEA Software License Agreement and indicate your acceptance of the terms of the agreement by selecting Yes. The default is No. To continue with the installation, you must accept the terms of the license agreement and then click Next.

In this window . . .	Perform the following action . . .
Choose Install Set	Select the software to be installed on your system. The default selection is Server with Examples, which installs the program files and the examples files. To accept the default, click Next. To install just the program files, select Server Only and then click Next. For a basic description of program files and examples files, see "WebLogic Server Software Components" on page 1-4.
Choose BEA Home Directory	Specify the BEA Home directory that will serve as the central support directory for all BEA products installed on the target system. If you already have a BEA Home directory on your system, you can select that directory (recommended) or create a new BEA Home directory. If you choose to create a new directory, the WebLogic Server installer program automatically creates the directory for you. For details about the BEA Home directory, see "BEA Home Directory" on page 1-8.
Choose Product Directory	Specify the directory in which you want to install the WebLogic Server software. Select the default product directory (`wlserver6.0`) or create a new product directory. If you choose to create a new directory, the installer program automatically creates the directory for you.

In this window . . .	Perform the following action . . .
Default Server Configuration	Enter your configuration choices for the WebLogic Server default server: ■ Enter an administrative domain name in the text box labeled WebLogic Admin Domain Name. The default is mydomain. A domain is a unit of administration for a WebLogic Server installation. A WebLogic domain may consist of one or more WebLogic Servers. For additional information about WebLogic domains, see "Overview of WebLogic Server Management" in the *Administration Guide* at http://e-docs.bea.com/wls/docs60/adminguide/overview.html. ■ Enter a server name in the text box labeled Server Name. The default is myserver. ■ Enter a dedicated TCP/IP port number in the text box labeled Listen Port. This number specifies the port at which the default server listens for connections. The default is 7001. ■ Enter a dedicated listen port number in the text box labeled Secure (SSL) Listen Port. The secure listen port is used for secure Web connections based on the secure sockets layer (SSL) protocol. The default is 7002. **Note:** If you are reinstalling WebLogic Server after changing these defaults in your previous configuration, the default values displayed in this window reflect your modifications.
Install WebLogic Server Service (Windows systems only)	Click Yes if you want to install WebLogic Server as a service on your Windows system. If you select Yes, the default server starts as a service each time you boot your Windows system. The default is No. If you accept the default, WebLogic Server is not installed as a service. For more information about installing WebLogic Server as a service, see "Understanding the WebLogic Server Windows Service" on page 2-9.

In this window . . .	Perform the following action . . .
Create System Password	Enter a password that contains at least 8 characters but no more than 20 characters.
	You are prompted to enter this password to start the WebLogic Server default server. You are prompted for the username `system` and this password to access the WebLogic Server Administration Console from a Web browser. The installer program creates the `system` account (username `system` having the password you specify here) during the installation.
Installing . . .	No user input is required here. The installer program is installing WebLogic Server in the user-specified product directory.
	Note: It is normal for the installation progress bar to stop for a fairly long time, especially at the end. The installer is still working when this occurs.
Install Complete	Click Done to exit the installer program.

Congratulations! Your installation of the BEA WebLogic Server software is complete!

Understanding the WebLogic Server Windows Service

You must have `Administrator` privileges to install WebLogic Server as a Windows service.

When you install WebLogic Server as a Windows service, the installer program populates a command script file named `installNtService.cmd` with the default server configurations that you specified during the installation and then runs the script to create the WebLogic Server service. The following listing shows the command line structure of the `installNtService.cmd` script.

Listing 2-1   installNtService.cmd Script—Example

```
@echo off

SETLOCAL

cd C:\bea\wlserver6.0\config\mydomain

rem *** Set Classpath to load Weblogic Classes
set CLASSPATH=.;C:\bea\wlserver6.0\lib\weblogic_sp.jar;
    C:\bea\wlserver6.0\lib\weblogic.jar

rem *** Set Command Line for service to execute
rem *** %JAVA_HOME%\java will automatically be prepended.
set CMDLINE="-ms64m -mx64m -classpath \"%CLASSPATH%\"
    -Dweblogic.Domain=mydomain -Dweblogic.Name=myserver
    -Djava.security.policy==\"C:\bea\wlserver6.0/lib/
    weblogic.policy\" -Dbea.home=\"C:\bea\" weblogic.Server"

rem *** Install the service
"C:\bea\wlserver6.0\bin\beasvc" -install -svcname:myserver
    -javahome:"C:\bea\jdk130"
    -execdir:"C:\bea\wlserver6.0"
    -extrapath:"C:\bea\wlserver6.0\bin" -cmdline:%CMDLINE%

ENDLOCAL
```

Running the installNtService.cmd script creates an entry for the service
(myserver by default) in the Windows Registry so that the Windows system knows to
start the service each time the Windows system boots. The Windows system starts the
WebLogic Server default server as a process running in the background, similar to a
UNIX system starting and running a daemon process.

Account and Environment Information

The WebLogic Server service runs under the LocalSystem account and the Windows
System environment profile. You can view the System environment profile by
choosing Start→ Settings→ Control Panel→ System→ Environment tab and viewing
the System Variables scroll box.

Manual Configuration of Windows Service

To create or reconfigure the WebLogic Server service manually, you edit the `installNtService.cmd` script as needed and then run the script. The script, together with the `uninstallNtService.cmd` script, is located in the `wls_6.0_prod_dir`\config\`domain_name` directory, where `wls_6.0_prod_dir` represents the product directory in which you installed the WebLogic Server software, and `domain_name` represents the name of the default server domain you specified during installation (`mydomain` by default). You must have `Administrator` privileges to run the `installNtService.cmd` and `uninstallNtService.cmd` scripts.

Because the Windows `System` environment typically includes no Java compiler (`javac.exe`) in its `PATH`, you can add this path by editing the `extrapath` option of the `beasvc` command in the `installNtService.cmd` script and then running the script. For example, in the following `extrapath` option definition, the added path highlighted in bold will include the Java compiler in the Windows `System` environment:

```
-extrapath:"C:\bea\wlserver6.0\bin;C:\bea\jdk130\bin"
    -cmdline:%CMDLINE%
```

WebLogic Server needs access to the Java compiler to be able to compile its JavaServer Pages (JSPs) during startup. Without access to the Java compiler, the WebLogic Server JSPs will not be compiled.

Note: For details about the `beasvc` command and its options, go to the directory where the `beasvc` command resides and enter `beasvc -help`.

Additional Windows Service Information

The WebLogic Server service uses the system password that you specified during installation when booting WebLogic Server. If you change this password at a later time, you must uninstall the service using `uninstallNtService.cmd`, modify the `installNtService.cmd` file to include the `-password` argument, and execute the modified `installNtService.cmd` file. For details about modifying the `installNtService.cmd` file, see "Starting and Stopping WebLogic Servers" in the *Administration Guide* at
http://e-docs.bea.com/wls/docs60/adminguide/startstop.html.

Understanding the WebLogic Server Windows Shortcuts

When installing WebLogic Server 6.0 on a Windows system, the installer program automatically uses BEA WebLogic E-Business Platform as the parent folder for WebLogic Server 6.0. As additional BEA Home directories are added to the system, the installer program continues to create new BEA WebLogic E-Business Platform folders using the convention shown in the following figure.

Figure 2-1   Tracking Multiple BEA Home Directories on the Same System

📁 BEA WebLogic E-Business Platform ▶	📁 WebLogic Server 6.0 ▶
	☐ BEAHOME Location
	☐ View History

📁 BEA WebLogic E-Business Platform (BEAHOME2) ▶	📁 WebLogic Server 6.0 ▶
	☐ BEAHOME2 Location
	☐ View History
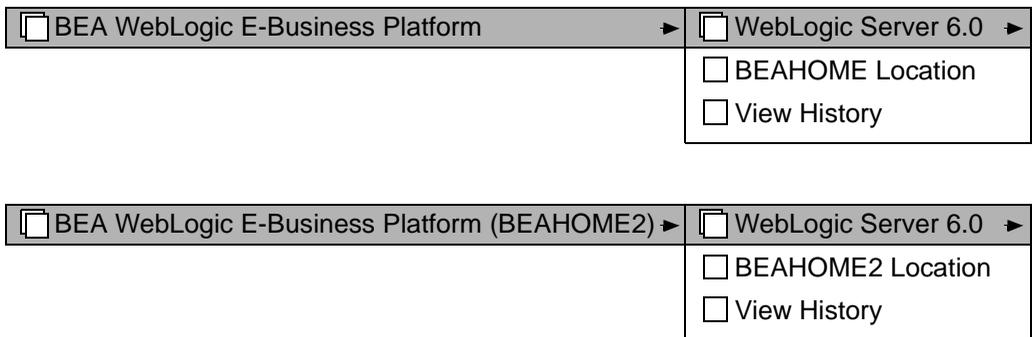
Each BEA Home directory has an associated BEA WebLogic E-Business Platform folder. Each BEA WebLogic E-Business Platform folder has one or more BEA product folders (see note) and two files: BEAHOME*x* Location and View History. The numbers associated with BEAHOME are sequential starting at 2; no number appears if only one BEA Home directory is created on a Windows system.

Note: Because a BEA Home directory may be the home directory for several BEA products including WebLogic Server, WebLogic Collaborate, and BEA Tuxedo, a BEA WebLogic E-Business Platform folder may contain several BEA product folders.

For a given BEA Home directory and BEA WebLogic E-Business Platform folder, the BEAHOME file contains the pathname of the BEA Home directory, and the View History file contains a history of installation and uninstallation for the BEA Home

directory. Double-clicking the text icon associated with either file displays its content. The BEAHOME and history files contain information extracted from the `logs/log.txt` file located in the BEA Home directory.

Going forward, all BEA products will share the convention described here, which will ensure that BEA shortcut entries appear together in a uniform manner.

Retroactive Creation of BEA WebLogic E-Business Platform Parent Folder

Even when updating WebLogic Server software having a folder other than BEA WebLogic E-Business Platform, a Service Pack installer will create the shortcuts associated with the update in a BEA WebLogic E-Business Platform folder.

WebLogic Server 6.0 Shortcut Files

The WebLogic Server 6.0 folder (Start→Programs→BEA WebLogic E-Business Platform→WebLogic Server 6.0) contains the shortcut files shown in the following figure:

Figure 2-2   WebLogic Server 6.0 Shortcut Files
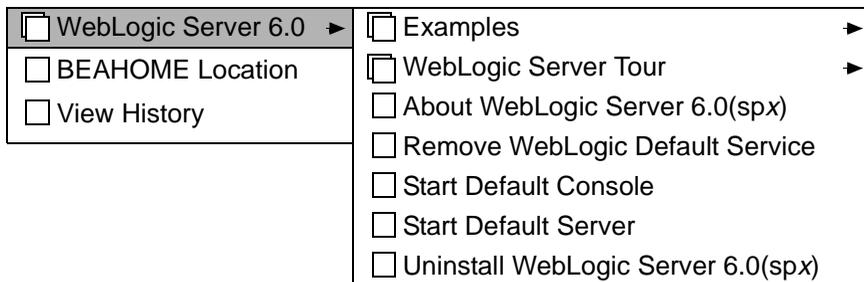
- *Examples*—Learn about the WebLogic Server examples server and how to start the examples server on your Windows system. For more information about the

examples server, see "Starting the Default, Examples, and Pet Store Servers" on page 7-6.

■ *WebLogic Server Tour*—Learn about the WebLogic Server Pet Store server and application and how to start the Pet Store server and application on your Windows system. For more information about the Pet Store server and application, see "Starting the Default, Examples, and Pet Store Servers" on page 7-6.

■ *About WebLogic Server 6.0(spx)* (or *About WebLogic Server 6.0* for a WebLogic Server 6.0 installation with no Service Packs applied)—Contains important information about WebLogic Server 6.0. The *x* in (sp*x*) (if present) represents the Service Pack level applied to the WebLogic Server 6.0 software.

■ *Remove WebLogic Default Service*—Removes the WebLogic Server service from your system: the WebLogic Server default server will not automatically boot each time you boot your system. For more information about the default server, see "Starting the Default, Examples, and Pet Store Servers" on page 7-6.

■ *Start Default Console*—Starts the WebLogic Server default console on your Windows system. (The default console is an instance of the Web-based Administration Console for WebLogic Server.) You must start the WebLogic Server default server before starting the default console. You are prompted to enter a username and a password to start the default console; the username is `system` and the password is the system password you entered during the installation. For more information about starting the default console, see "Starting the Administration Console" on page 7-19.

■ *Start Default Server*—Starts the WebLogic Server default server on your Windows system. You are prompted to enter a password to start the default server; the password is the system password you entered during the installation. For more information about starting the default server, see "Starting the Default, Examples, and Pet Store Servers" on page 7-6.

■ *Uninstall WebLogic Server 6.0(sp*x*)* (or *About WebLogic Server 6.0* for a WebLogic Server 6.0 installation with no Service Packs applied)—Uninstalls the WebLogic Server 6.0 software. The *x* in (sp*x*) (if present) represents the Service Pack level applied to the WebLogic Server 6.0 software. For more information about uninstalling WebLogic Server, see "Uninstalling WebLogic Server" on page 7-27.

What's Next?

To learn more about WebLogic Server 6.0, view the following files:

- `ABOUT_WLS.HTML`

  Summarizes new features in this version of WebLogic Server and provides pointers to useful related information.

  On a Windows system, access this file by using the About WebLogic Server 6.0(sp*x*) shortcut (or the About WebLogic Server 6.0 shortcut for a WebLogic Server 6.0 installation with no Service Packs applied). On both Windows and UNIX systems, access the `ABOUT_WLS.HTML` file at *wls_6.0_prod_dir*/`ABOUT_WLS.HTML`, where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software.

- `README.TXT`

  A text-only version of the `ABOUT_WLS.HTML` file. Access the `README.TXT` file at *wls_6.0_prod_dir*/`README.TXT`, where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software.

To verify that your software is installed correctly, and to start the default server and console, see "Performing Post-Installation Tasks" on page 7-1.

3 Installing WebLogic Server on UNIX Systems Using Console-Mode Installation

The following sections describe how to install WebLogic Server using console-mode installation:

- What Is Console-Mode Installation?

- Before You Start

- Starting Console-Mode Installation

- Running Console-Mode Installation

- What's Next?

What Is Console-Mode Installation?

Console-mode installation is the text-based method of executing the BEA Installation program. It can be run only on UNIX systems and is intended for UNIX systems with non-graphics consoles.

The following sections focus on using console-mode installation to install the WebLogic Server 6.0 base product. Base product, as used here, implies a full installation of WebLogic Server, which includes the installation of the Java Development Kit (JDK). A WebLogic Server 6.0 base product may or may not have Service Packs already applied.

Note: In a future release of WebLogic Server 6.0, the default mode of installation for UNIX systems will be console-mode installation. "Default" means that entering the installation command without any additional command line parameters (such as `-i console`) will result in console-mode installation.

Before You Start

Do not install an upgraded version of WebLogic Server 6.0 on top of a non-upgraded version. For example, do not install WebLogic Server 6.0 with Service Pack 2 already applied on top of WebLogic Server 6.0 with Service Pack 1 already applied. In this example, either uninstall the WebLogic Server instance, as described in "Uninstalling WebLogic Server" on page 7-27, and then install the upgraded instance, or upgrade the WebLogic Server instance with Service Pack 2, as described in "Installing and Uninstalling Service Packs on WebLogic Server" on page 6-1.

Starting Console-Mode Installation

A WebLogic Server 6.0 installer for a UNIX platform takes one of two forms:

- A Java installer wrapped in a shell script bundled with JDK 1.3 and with a filename ending in `.bin`

- A pure Java installer having no JDK with a filename ending in `.zip`

This section presents installation procedures for both types of installers.

Starting Console-Mode Installation for filename.bin Installers

To start the console-mode installation process for `filename`.bin installers, follow these steps:

1. Log in to the target UNIX system.

2. Open a command-line shell.

3. If installing WebLogic Server by downloading from the BEA Web site:

   a. Go to
   http://commerce.beasys.com/downloads/weblogic_server.jsp and download the WebLogic Server installer that is specific to your platform.

   b. Go to the directory where you downloaded the installer and invoke the installation procedure by entering the following command:

   sh `filename`.bin -i console

   where `filename` is the name of the WebLogic Server installer.

If installing WebLogic Server from the CD-ROM:

a. Insert the WebLogic Server CD-ROM into the CD-ROM drive.

b. Go to the CD-ROM directory.

c. Invoke the installation procedure by entering the following command:

```
sh filename.bin -i console
```

where *filename* is the name of the WebLogic Server installer specific to your platform.

4. Proceed to "Running Console-Mode Installation" on page 3-5.

Starting Console-Mode Installation for filename.zip Installers

To start the console-mode installation process for *filename.zip* installers, follow these steps:

1. Log in to the target UNIX system.

2. Open a command-line shell.

3. Include the bin directory of JDK 1.3 (or higher) at the front of the PATH variable on the target system. For example:

```
PATH=full_path_to_jdk130/bin:$PATH
export PATH
```

Replace *full_path_to_jdk130* with the full pathname to the JDK 1.3 directory.

4. If installing WebLogic Server by downloading from the BEA Web site:

a. Go to http://commerce.beasys.com/downloads/weblogic_server.jsp and download the WebLogic Server installer that is specific to your platform.

b. Go to the directory where you downloaded the installer and invoke the installation procedure by entering the following command:

```
java -cp filename.zip install -i console
```

where *filename* is the name of the WebLogic Server installer.

If installing WebLogic Server from the CD-ROM:

a. Insert the WebLogic Server CD-ROM into the CD-ROM drive.

b. Go to the CD-ROM directory.

c. Invoke the installation procedure by entering the following command:

```
java -cp filename.zip install -i console
```

where *filename* is the name of the WebLogic Server installer specific to your platform.

5. Proceed to "Running Console-Mode Installation" on page 3-5.

Running Console-Mode Installation

To complete the console-mode installation process, respond to the prompts in each section by entering the number associated with your choice or by pressing Enter to accept the default. To exit the installation process, enter quit in response to any prompt. To review or change your selection, enter back at the prompt.

In this section . . .	Perform the following action . . .

Choose Locale	Choose the language in which to display text during the installation by entering the number associated with that language.
	
	``
	=================================
	Choose Locale...
	    1- Deutsch
	  ->2- English
	    3- Español
	    4- Français
	
	CHOOSE LOCALE BY NUMBER:
	=================================
	``
	For example, if you want text to be displayed in Spanish, enter 3 at the CHOOSE LOCALE BY NUMBER prompt. The default is English.

Introduction	Press Enter to continue with the installation process.
License Agreement	Read the BEA Software License Agreement and indicate your acceptance or rejection of the terms of the agreement by entering Y or N, respectively, at the prompt. To review the entire agreement, you must press Enter several times. To proceed with the installation, you must enter Y to indicate your agreement with the terms of the license. If you enter N, the following warning appears: ``` Warning: If you do not accept the licensing terms you will not be allowed to continue with the install. DO YOU AGREE WITH THE TERMS OF THE LICENSE? (Y/N): ``` If you enter N, the installation process terminates.

In this section . . .	Perform the following action . . .
Choose Install Set	Select the software you want to have installed on the target system. The following choices are displayed:

```
==================================================

Choose Install Set
------------------
Please Choose the Install Set to be installed by this
installer.
  ->1- Server and Examples
    2- Server Only

ENTER THE NUMBER FOR THE INSTALL SET, OR <ENTER> TO
ACCEPT THE DEFAULT:

==================================================
```

- Enter 1 to install the program files and the example files.
- Enter 2 to install only the program files. At the prompt, enter the number that indicates the files that you want to install.

For a basic description of program files and examples files, see "WebLogic Server Software Components" on page 1-4.

In this section . . .	Perform the following action . . .
Choose BEA Home Directory	Specify the BEA Home directory that will serve as the central support directory for all BEA products installed on the target system. If you already have a BEA Home directory on your system, you can select that directory (recommended) or create a new BEA Home directory. If you choose to create a new directory, the WebLogic Server installer program automatically creates the directory for you. For details about the BEA Home directory, see "BEA Home Directory" on page 1-8.

Enter 1 to create a new BEA Home directory or, if you already have a BEA Home directory on your system, enter 2 to select an existing BEA Home directory. Be sure to use the full pathname when specifying a new BEA Home directory.

For example:

```
===================================================
Choose BEA Home Directory
------------------------
    1- Create a New BEA Home
    2- Use Existing BEA Home
Enter a number: 2
    1- /home3/bea
    2- /home2/beahome
Existing BEA Home: 1

===================================================

Choose BEA Home Directory
------------------------
```

In this example, you enter 2 to display the BEA Home directories that have already been created on this system. At the `Existing BEA Home:` prompt, you enter 1 to specify `/home3/bea` as the BEA Home directory for this installation. Make sure that you enter the number associated with the BEA Home directory instead of the directory name.

In this section . . .	Perform the following action . . .
Choose Product Directory	Specify the directory in which you want to install the WebLogic Server software. Select the default product directory (wlserver6.0) or create a new product directory. If you choose to create a new directory, the installer program automatically creates the directory for you.

The initial default installs the product directory under the BEA Home directory you specified in the previous section. To accept this default, enter 2 at the prompt.

The choices displayed in this section are as follows:

```
=================================================
Choose Product Directory
-----------------------
  1- Modify Current Selection (/home3/bea/wlserver6.0)
  2- Use Current Selection (/home3/bea/wlserver6.0)
Enter a number:

=================================================
```

■ Enter 1 to select an alternate directory. The following text appears:

Specify Product Installation Directory:

Specify a product directory using its full pathname. For example:

/home3/weblogicserver6.0.

When you press Enter, your modified selection appears as the default.

1- Modify Current Selection (/home3/weblogicserver6.0)
2- Use Current Selection (/home3/weblogicserver6.0)

■ Enter 2 to accept the current selection. If you enter 2 at the initial prompt, you accept the default product directory (/home3/bea/wlserver6.0 in this example).

In this section . . .	Perform the following action . . .
Default Server Configuration	Define the configuration for the WebLogic Server default server by entering one of the following numbers:

Define the configuration for the WebLogic Server default server by entering one of the following numbers:

- Enter 5 to accept the default values (shown in parentheses) for each entry.

- Enter 1 through 4 to modify the value of an individual entry.

Note: If you are reinstalling WebLogic Server after changing these defaults in your previous configuration, the default values displayed in this section reflect your modifications.

The installation program displays the following menu of choices.

```
========================================
Default Server Configuration
----------------------------------

   1- Modify WebLogic Admin Domain Name (mydomain)
   2- Modify Server Name (myserver)
   3- Modify Listen Port (7001)
   4- Modify Secure (SSL) Listen Port (7002)
   5- Done Configuration

Enter a number:
========================================
```

- Enter 1 to modify the administrative domain name. Then enter the domain name of your choice at the WebLogic Admin Domain Name prompt. The initial default is mydomain.

  A domain is the unit of administration for a WebLogic Server installation. A WebLogic domain may consist of one or more WebLogic Servers. For additional information about WebLogic domains, see "Overview of WebLogic Server Management" in the *Administration Guide* at http://e-docs.bea.com/wls/docs60/adminguide/overview.html.

- Enter 2 to modify the server name. Then enter a server name of your choice at the Server Name prompt. The initial default is myserver.

- Enter 3 to modify the Listen Port number. The Listen Port is a dedicated TCP/IP port at which the default server listens for connections. Enter the port number of your choice at the Listen Port prompt. The initial default is 7001.

- Enter 4 to modify the secure listen port number. The secure listen port number is used for secure Web connections based on the secure sockets layer (SSL) protocol. Enter the port number of your choice at the Secure (SSL) Listen Port prompt. The initial default is 7002.

- Enter 5 at the Enter a number: prompt when you have completed your server configuration.

In this section . . .	Perform the following action . . .
Create System Password	Enter a password that contains at least 8 characters but no more than 20 characters. Press Enter to proceed to the next section.
	You are prompted to enter this password to start the WebLogic Server default server. You are prompted for the username `system` and this password to access the WebLogic Server Administration Console from a Web browser. The installer program creates the `system` account (username `system` having the password you specify here) during the installation.
Installing . . .	No user input is required here. The installer program is installing WebLogic Server in the user-specified product directory.
	Note: It is normal for the installation progress bar to stop for a fairly long time, especially at the end. The installer is still working when this occurs.
Install Complete	Press Enter to exit the installer program.

Congratulations! Your installation of the BEA WebLogic Server software is complete!

What's Next?

To learn more about WebLogic Server 6.0, view the following files:

■ `ABOUT_WLS.HTML`

Summarizes new features in this version of WebLogic Server and provides pointers to useful related information. Access the `ABOUT_WLS.HTML` file at `wls_6.0_prod_dir/ABOUT_WLS.HTML`, where `wls_6.0_prod_dir` represents the product directory in which you installed the WebLogic Server software.

■ `README.TXT`

A text-only version of the `ABOUT_WLS.HTML` file. Access the `README.TXT` file at `wls_6.0_prod_dir/README.TXT`, where `wls_6.0_prod_dir` represents the product directory in which you installed the WebLogic Server software.

To verify that your software is installed correctly, and to start the default server and console, see "Performing Post-Installation Tasks" on page 7-1.

4 Installing WebLogic Server Using Silent Installation

The following sections describe how to install WebLogic Server using silent installation on both Windows and UNIX systems:

- What Is Silent Installation?

- Before You Start

- Using Silent Installation: Main Steps

- Creating a Template File

- Invoking the Silent Installation Process on a Windows System

- Invoking the Silent Installation Process on a UNIX System

- Windows Template File

- UNIX Template File

- What's Next?

What Is Silent Installation?

Silent installation reads the settings for your configuration from a text file that you create prior to beginning the installation. Manual intervention is not necessary during the installation process. Silent installation works on both Windows and UNIX systems.

Silent installation is a way of setting installation configurations only once and then using those configurations to duplicate the installation on many machines.

The following sections focus on using silent installation to install the WebLogic Server 6.0 base product. Base product, as used here, implies a full installation of WebLogic Server, which includes the installation of the Java Development Kit (JDK). A WebLogic Server 6.0 base product may or may not have Service Packs already applied.

Note: Using silent installation implies your consent to the BEA License Agreement. You neither see a copy of the BEA Software License Agreement nor have any means to accept the terms of the agreement.

Before You Start

Do not install an upgraded version of WebLogic Server 6.0 on top of a non-upgraded version. For example, do not install WebLogic Server 6.0 with Service Pack 2 already applied on top of WebLogic Server 6.0 with Service Pack 1 already applied. In this example, either uninstall the WebLogic Server instance, as described in "Uninstalling WebLogic Server" on page 7-27, and then install the upgraded instance, or upgrade the WebLogic Server instance with Service Pack 2, as described in "Installing and Uninstalling Service Packs on WebLogic Server" on page 6-1.

Using Silent Installation: Main Steps

The silent installation process has two primary steps:

1. Create a template file that contains the configuration settings, such as BEA Home directory, product directory, domain and server names, and listen ports appropriate for your installation.

   For the detailed procedure, see "Creating a Template File" on page 4-3. Two sample template files are provided in "Windows Template File" on page 4-11 and "UNIX Template File" on page 4-13.

2. Invoke the installation process using the values specified in the template files.

   For the detailed procedure, see "Invoking the Silent Installation Process on a Windows System" on page 4-7 and "Invoking the Silent Installation Process on a UNIX System" on page 4-8.

Creating a Template File

To create a template file for use in the silent installation process, follow these steps:

1. Display the template file specific to your platform in a supported browser. The following templates are available:

   - Windows Template File at
     `http://e-docs.bea.com/wls/docs60/install/instsil.html#instsi l1009`

   - UNIX Template File at
     `http://e-docs.bea.com/wls/docs60/install/instsil.html#instsi l1010`

2. Copy the contents of the template file and save it as a text file named `installer.properties` in the directory containing the WebLogic Server installer.

3. In the `installer.properties` file, modify the values for the keywords shown in the following table to create your desired configuration.

For this keyword . . .	Enter the following value . . .
INSTALLER_UI=	The mode of installation. The default is silent; do not modify this value.
USER_LOCALE=	A language code determining the language displayed during the installation. Besides en for English, you can set this value to de for German (Deutsch), es for Spanish (Español), fr for French (Français), or ja (or ja_JP) for Japanese.
BEAHOME=	The full pathname for the BEA Home directory of your choice. For details about the BEA Home directory, see "BEA Home Directory" on page 1-8.
USER_INSTALL_DIR=	The full pathname for the WebLogic Server product directory of your choice.
C_domainName=	A domain name of your choice for the WebLogic Server default server.
C_serverName=	A server name of your choice for the WebLogic Server default server.
C_serverListenPort=	A dedicated TCP/IP port number for the WebLogic Server default server. This number specifies the port at which the server listens for connections. The default is 7001. To accept the default, do not modify this value.
C_serverSSLListenPort=	A dedicated secure listen port number for the WebLogic Server default server. The secure listen port number is used for secure Web connections based on the secure sockets layer (SSL) protocol. The default is 7002. To accept the default, do not modify this value.
INSTALL_NT_SERVICE= (Windows systems only)	Yes or no to installing the WebLogic Server default server as a Windows service. If you select yes, the default server starts as a service each time you boot your Windows system. The default is no: WebLogic Server is not installed as a service. To accept the default, do not modify this value. For more information about installing WebLogic Server as a service, see "Understanding the WebLogic Server Windows Service" on page 2-9.

For this keyword . . .	Enter the following value . . .
C_password=	A password of your choice that contains at least eight characters but no more than 20 characters.
	You are prompted to enter this password to start the WebLogic Server default server. You are prompted for the username system and this password to access the WebLogic Server Administration Console from a Web browser. The installer program creates the system account (username system having the password you specify here) during the installation.
CHOSEN_INSTALL_SET=	The chosen installation set. The default is ServerExample, which instructs the installer program to install both program files and example files.You can set this value to either ServerExample or ServerOnly. If you want to install only the program files, set this value to ServerOnly.
	For a basic description of program files and examples files, see "WebLogic Server Software Components" on page 1-4.

In the template files, comment lines are preceded by hash marks.

To install WebLogic Server as a Windows service, comment the INSTALL_NT_SERVICE=no line and uncomment the INSTALL_NT_SERVICE=yes line.

To specify the ServerOnly install set, comment the CHOSEN_INSTALL_SET=ServerExample line and uncomment the CHOSEN_INSTALL_SET=ServerOnly line.

Invoking the Silent Installation Process on a Windows System

Installing the software using silent installation takes the same amount of time as a standard installation. During silent installation, an initial installation program window appears briefly, indicating that the installation has started.

To invoke the silent installation process on a Windows system, follow these steps:

1. Log in to the Windows system.

   If you want to install WebLogic Server as a Windows service, you must have `Administrator` privileges. For information about installing WebLogic Server as a Windows service, see "Understanding the WebLogic Server Windows Service" on page 2-9.

2. Open a command-line shell.

3. If installing WebLogic Server by downloading from the BEA Web site:

   a. Go to
      http://commerce.beasys.com/downloads/weblogic_server.jsp and download the WebLogic Server installer that is specific to your platform.

   b. Go to the directory where you downloaded the installer and invoke the installation procedure by entering the following command, making sure to specify the full pathname of the `installer.properties` file:

      filename`.exe -f `*full_path*`\installer.properties`

      where *filename* is the name of the WebLogic Server installer, and *full_path* is the full pathname of the `installer.properties` file.

   If installing WebLogic Server from the CD-ROM:

   a. Insert the WebLogic Server CD-ROM into the CD-ROM drive.

   b. Go to the CD-ROM directory.

       c. Invoke the installation procedure by entering the following command, making sure to specify the full pathname of the `installer.properties` file:

          `filename.exe -f full_path\installer.properties`

          where `filename` is the name of the WebLogic Server installer specific to your platform, and `full_path` is the full pathname of the `installer.properties` file.

    4. To verify that the software installed successfully, see "Performing Post-Installation Tasks" on page 7-1.

Invoking the Silent Installation Process on a UNIX System

A WebLogic Server 6.0 installer for a UNIX platform takes one of two forms:

- A Java installer wrapped in a shell script bundled with JDK 1.3 and with a filename ending in `.bin`

- A pure Java installer having no JDK with a filename ending in `.zip`

This section presents installation procedures for both types of installers.

Invoking the Silent Installation Process for filename.bin Installers

Installing the software using silent installation takes the same amount of time as a standard installation. During silent installation, a startup message appears, followed by an "Installing . . ." message, indicating that the installation has started.

To invoke the silent installation process for `filename.bin` installers, follow these steps:

1. Log in to the target UNIX system.

2. Open a command-line shell.

3. If installing WebLogic Server by downloading from the BEA Web site:

    a. Go to
       http://commerce.beasys.com/downloads/weblogic_server.jsp and
       download the WebLogic Server installer that is specific to your platform.

    b. Go to the directory where you downloaded the installer and invoke the
       installation procedure by entering the following command, making sure to
       specify the full pathname of the `installer.properties` file:

       `sh filename.bin -f full_path/installer.properties`

       where `filename` is the name of the WebLogic Server installer, and
       `full_path` is the full pathname of the `installer.properties` file.

    If installing WebLogic Server from the CD-ROM:

    a. Insert the WebLogic Server CD-ROM into the CD-ROM drive.

    b. Go to the CD-ROM directory.

    c. Invoke the installation procedure by entering the following command, making
       sure to specify the full pathname of the `installer.properties` file:

       `sh filename.bin -f full_path/installer.properties`

       where `filename` is the name of the WebLogic Server installer specific to
       your platform, and `full_path` is the full pathname of the
       `installer.properties` file.

4. To verify that the software installed successfully, see "Performing
   Post-Installation Tasks" on page 7-1.

Invoking the Silent Installation Process for filename.zip Installers

Installing the software using silent installation takes the same amount of time as a standard installation. During silent installation, a startup message appears, followed by an "Installing . . ." message, indicating that the installation has started.

To invoke the silent installation process for *filename*.zip installers, follow these steps:

1. Log in to the target UNIX system.

2. Open a command-line shell.

3. Include the bin directory of JDK 1.3 (or higher) at the front of the PATH variable on the target system. For example:

   ```
   PATH=full_path_to_jdk130/bin:$PATH
   export PATH
   ```

   Replace *full_path_to_jdk130* with the full pathname to the JDK 1.3 directory.

4. If installing WebLogic Server by downloading from the BEA Web site:

   a. Go to
      http://commerce.beasys.com/downloads/weblogic_server.jsp and download the WebLogic Server installer that is specific to your platform.

   b. Go to the directory where you downloaded the installer and invoke the installation procedure by entering the following command, making sure to specify the full pathname of the installer.properties file:

      ```
      java -cp filename.zip install -f full_path/installer.properties
      ```

      where *filename* is the name of the WebLogic Server installer, and *full_path* is the full pathname of the installer.properties file.

If installing WebLogic Server from the CD-ROM:

a. Insert the WebLogic Server CD-ROM into the CD-ROM drive.

b. Go to the CD-ROM directory.

c. Invoke the installation procedure by entering the following command, making sure to specify the full pathname of the `installer.properties` file:

    `java -cp` *`filename`*`.zip install -f` *`full_path`*`/installer.properties`

    where *`filename`* is the name of the WebLogic Server installer specific to your platform, and *`full_path`* is the full pathname of the `installer.properties` file.

5. To verify that the software installed successfully, see "Performing Post-Installation Tasks" on page 7-1.

Windows Template File

This sample Windows template file applies to silent installation of WebLogic Server 6.0 with no Service Packs applied, WebLogic Server 6.0 with Service Packs already applied, and WebLogic Server 6.0 Service Packs.

```
#################################################
### Silent Installation Properties File
#################################################
INSTALLER_UI=silent
#################################################
### Locale
#################################################
USER_LOCALE=en
#################################################
### BEA Home Directory
### NOTE: backslashes must be escaped.
```

```
#################################################

BEAHOME=c:\\bea

#################################################

### Product Installation Directory

#################################################

USER_INSTALL_DIR=c:\\bea\\wlserver6.0

#################################################

### Default Domain

#################################################

C_domainName=mydomain

#################################################

### Default Server

#################################################

C_serverName=myserver

#################################################

### Default Listen Port

#################################################

C_serverListenPort=7001

#################################################

### Default SSL Listen Port

#################################################

C_serverSSLListenPort=7002

#################################################

### Install WebLogic Server as a Windows Service

#################################################

#INSTALL_NT_SERVICE=yes

INSTALL_NT_SERVICE=no
```

```
#################################################

### System Password

#################################################

C_password=abcd1234

#################################################

### Default Install Set
### Valid Values: ServerExample, ServerOnly

#################################################

CHOSEN_INSTALL_SET=ServerExample
#CHOSEN_INSTALL_SET=ServerOnly
```

UNIX Template File

This sample UNIX template file applies to silent installation of WebLogic Server 6.0 with no Service Packs applied, WebLogic Server 6.0 with Service Packs already applied, and WebLogic Server 6.0 Service Packs.

```
#################################################

### Silent Installation Properties File

#################################################

INSTALLER_UI=silent

#################################################

### Locale

#################################################

USER_LOCALE=en

#################################################

### BEA Home Directory

#################################################

BEAHOME=/home/beadev/rsmith/solaris/bea
```

```
##################################################
### Product Installation Directory
##################################################
USER_INSTALL_DIR=/home/beadev/rsmith/solaris/bea/wlserver6.0
##################################################
### Default Domain
##################################################
C_domainName=mydomain
##################################################
### Default Server
##################################################
C_serverName=myserver
##################################################
### Default Listen Port
##################################################
C_serverListenPort=7001
##################################################
### Default SSL Listen Port
##################################################
C_serverSSLListenPort=7002
##################################################
### System Password
##################################################
C_password=abcd1234
##################################################
### Default Install Set
### Valid Values: ServerExample, ServerOnly
```

```
#############################################

CHOSEN_INSTALL_SET=ServerExample
#CHOSEN_INSTALL_SET=ServerOnly
```

What's Next?

To learn more about WebLogic Server 6.0, view the following files:

■   ABOUT_WLS.HTML

Summarizes new features provided by this version of WebLogic Server and provides pointers to useful related information.

On a Windows system, access this file by using the About WebLogic Server 6.0(sp*x*) shortcut (or the About WebLogic Server 6.0 shortcut for a WebLogic Server 6.0 installation with no Service Packs applied). On both Windows and UNIX systems, access the ABOUT_WLS.HTML file at *wls_6.0_prod_dir*/ABOUT_WLS.HTML, where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software.

■   README.TXT

A text-only version of the ABOUT_WLS.HTML file. Access the README.TXT file at *wls_6.0_prod_dir*/README.TXT, where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software.

To verify that your software is installed correctly, and to start the default server and console, see "Performing Post-Installation Tasks" on page 7-1.

5 Installing a WebLogic Server License

Your WebLogic Server distribution requires a valid product license to run. The following sections explain how to acquire, install, and update a WebLogic Server license:

■ About the WebLogic Server License

■ Acquiring a WebLogic Server License

■ Updating Your license.bea File

■ Upgrading Licenses from a Pre-6.0 Version of WebLogic Server

About the WebLogic Server License

WebLogic Server 6.0 uses an XML-format license called `license.bea`. This license file, stored in the BEA Home directory, is used for the BEA WebLogic products installed on the target system. For details about the BEA Home directory, see "BEA Home Directory" on page 1-8.

The first time you download and install a BEA WebLogic product that uses the BEA Home directory convention, the installer program installs a `license.bea` file in the BEA Home directory that you create during installation and populates the file with an evaluation product license. Subsequently, when you download and install additional

BEA products that contain a `license.bea` file as part of the distribution, the installer program automatically adds the new evaluation product licenses to the `license.bea` file.

Evaluation Licenses

An evaluation copy of WebLogic Server comes with a 30-day evaluation license so that you can start using WebLogic Server immediately. To use WebLogic Server beyond the 30-day evaluation period, contact your salesperson about extending the evaluation period or purchasing a non-expiring license—a development or production license.

All WebLogic Server evaluation products are licensed for use on a single server machine and allow up to five connections to the server.

Non-Expiring Licenses

If you purchase WebLogic Server on CD-ROM, you will receive a development or production product license through e-mail. After installing the WebLogic Server software and receiving the product license, you must update the existing `license.bea` file with the license file you received.

Acquiring a WebLogic Server License

You acquire a WebLogic Server license from BEA in one of two ways: from the BEA Web site when you download an evaluation copy of the WebLogic Server product, or through e-mail when you purchase the WebLogic Server on CD-ROM. When you download WebLogic Server from the BEA Web site (at `http://commerce.beasys.com/downloads/weblogic_server.jsp`), an evaluation license is included with the distribution.

Secure sockets layer (SSL) encryption software is available with two levels of encryption: 56-bit and 128-bit. Licenses come with 56-bit encryption enabled by default. Licenses with 128-bit encryption enabled are available but require a separate authorization procedure.

A 30-day evaluation license comes only with 56-bit encryption enabled, whereas a non-expiring license may be purchased with either 56-bit or 128-bit encryption enabled. For information about purchasing licenses, contact BEA Sales at http://www.bea.com/contact/sales1.shtml.

Updating Your license.bea File

You must update your license.bea file if at least one of the following is true:

■ You applied for and received an extension to your 30-day evaluation period of WebLogic Server 6.0.

■ You installed WebLogic Server 6.0 from the CD-ROM.

■ You purchased additional BEA WebLogic software.

■ You obtained a new distribution that includes new products.

■ You possess either a WebLogicLicense.XML file or a WebLogicLicense.class file, which are license files used in pre-6.0 versions (5.1 or earlier) of WebLogic Server. You must convert these license files to a license_wls60.bea file. To do so, see "Upgrading Licenses from a Pre-6.0 Version of WebLogic Server" on page 5-5.

In each case, you receive a license update file in an e-mail attachment. You then update your license.bea file by performing the procedures given in "Updating Your license.bea File on a Windows System" on page 5-4 or "Updating Your license.bea File on a UNIX System" on page 5-4.

Note: Enabling 128-bit encryption requires that the 128-bit encryption license be present in the license.bea file *before* you install the WebLogic Server software. For details, see "Enabling 128-Bit Encryption" on page 1-12.

Updating Your license.bea File on a Windows System

To update your existing `license.bea` file on a Windows system, follow these steps:

1. Log in to the Windows system.

2. Save the license update file that you received through e-mail with a name other than `license.bea` in the target BEA Home directory.

3. Open a command shell window.

4. Go to the target BEA Home directory.

5. Include the path to the JDK 1.3 (or higher) software at the front of your `PATH` by entering the following command:

   ```
   set PATH=.\jdk130\bin;%PATH%
   ```

6. Merge the license update file into your existing license by entering the following command:

   ```
   UpdateLicense license_update_file
   ```

   license_update_file is the name to which you saved the license update file that you received through e-mail. Running this command updates your `license.bea` file.

7. Save a copy of your `license.bea` file in a safe place outside the WebLogic Server product directory. Although no one else can use your license file, you should save this information in a place protected from either malicious or innocent tampering by others.

Updating Your license.bea File on a UNIX System

To update your existing `license.bea` file on a UNIX system, follow these steps:

1. Log in to the UNIX system.

2. Open a command shell window.

3. Save the license update file that you received through e-mail with a name other than `license.bea` in the target BEA Home directory.

4. Go to the target BEA Home directory.

5. Include the path to the JDK 1.3 (or higher) software at the front of your `PATH` by entering the following commands:

```
set PATH=./jdk130/bin:$PATH
export PATH
```

6. Merge the license update file into your existing license by entering the following command:

```
sh UpdateLicense.sh license_update_file
```

license_update_file is the name to which you saved the license update file that you received through e-mail. Running this command updates your `license.bea` file.

7. Save a copy of your `license.bea` file in a safe place outside the WebLogic Server distribution. Although no one else can use your license file, you should save this information in a place protected from either malicious or innocent tampering by others.

Upgrading Licenses from a Pre-6.0 Version of WebLogic Server

The XML-format license file (`WebLogicLicense.XML`) and the Java-format license file (`WebLogicLicense.class`) used in pre-6.0 versions (5.1 or earlier) of WebLogic Server are no longer supported.

Converting a WebLogicLicense.XML License

To convert a WebLogicLicense.XML file to a license_wls60.bea file, complete the following steps. Be sure the WebLogicLicense.XML license file is available on the machine on which you perform this procedure.

1. Log in to the BEA Customer Support Web site at
   http://websupport.beasys.com/custsupp/.

   Note: You need a BEA WebSUPPORT account to log in to this Web site. If you do *not* have a BEA WebSUPPORT account go to http://contact.bea.com/bea/www/BEACustRegLogin.jsp to get one.

2. Click the link to update a WebLogic Server license.

3. Browse and select the pathname for the directory containing the license file to be converted, or enter the pathname in the box provided. Then click Submit License.

4. You will receive the converted license_wls60.bea file through e-mail. To update the license.bea file on your system, see "Updating Your license.bea File" on page 5-3.

Converting a WebLogicLicense.class License

If a WebLogicLicense.class license file is used in your existing WebLogic Server installation, perform the following tasks before you install WebLogic Server 6.0:

1. Convert the WebLogicLicense.class license file to a WebLogicLicense.XML file using the licenseConverter utility at http://www.weblogic.com/docs51/techstart/utils.html#licenseConverter.

2. Convert the WebLogicLicense.XML file as described in "Converting a WebLogicLicense.XML License" on page 5-6.

6 Installing and Uninstalling Service Packs on WebLogic Server

The following sections describe how to install and uninstall Service Packs on WebLogic Server using the same methods used to install and uninstall the WebLogic Server 6.0 base product:

- What Is a Service Pack?

- Service Packs for WebLogic Server 6.0

- Service Pack Installation Process

- Prerequisites to Installing a Service Pack

- Methods of Installing a Service Pack

- GUI-Mode Installation of a Service Pack

- Console-Mode Installation of a Service Pack

- Silent Installation of a Service Pack

- Uninstalling a Service Pack

- Reinstalling a Service Pack

- Viewing and Recovering Files Replaced or Deleted by a Service Pack Installation

- Performing Post-Installation and Post-Uninstallation Tasks

What Is a Service Pack?

A Service Pack, or SP, is a program that fixes bugs or other known issues in an application. It can also add new functions to an application, or increase the capacity of an application.

A Service Pack for WebLogic Server 6.0 contains updates and upgrades to the original WebLogic 6.0 product. "Update" means either a software modification or addition that, when made or added to the software, corrects an error or eliminates the adverse effect of the error on the customer. "Upgrade" means a revision of the software released by BEA to its customers to add new and different functions or to increase the capacity of the software. Upgrade does *not* include the release of a new product or added features for which there may be a separate charge.

Service Packs are available as part of the latest WebLogic Server distribution and as separately downloadable programs that you can add to your existing 6.0 release. However, if you wish to download the Service Pack as a separate upgrade you must have a BEA WebSUPPORT account.

As with most Service Packs, a Service Pack for WebLogic Server 6.0 is a cumulative collection of all previous Service Packs. What this means is that any subsequent Service Pack for WebLogic Server 6.0 will include the fixes provided by any previous Service Pack.

Service Packs for WebLogic Server 6.0

Several Service Packs are available for WebLogic Server 6.0. For a list of available Service Packs and Service Pack descriptions, see the *Release Notes* for WebLogic Server 6.0.

Service Pack Distribution

The highest-level Service Pack, which is recommended for all WebLogic Server 6.0 users, provides the latest updates and upgrades to WebLogic Server 6.0 and its component servers and applications.

Service Packs are included in the latest distributions of WebLogic Server 6.0, which you can download from `http://commerce.bea.com`. If you do not have WebLogic Server installed, or if your WebLogic Server installation is 5.1 or earlier, you should install this distribution.

If you already have WebLogic Server 6.0 installed, with no Service Pack or with an earlier 6.0 Service Pack, *and* if you have a BEA eSupport account, you can login and download the Service Pack from `http://support.bea.com` without downloading the entire WebLogic Server 6.0 distribution.

Note: You must have a BEA eSupport account to download from this site. If you do not have a BEA eSupport account, you can register for one on the site.

Service Pack Content

A Service Pack is part of an installer file containing new and replacement files for WebLogic Server 6.0 and a copy of the BEA Installation program. A Service Pack installer does not contain a Java Development Kit (JDK).

Service Pack Installation Process

The process of installing a Service Pack on WebLogic Server is as follows. In the process flow, the BEA installation program is referred to as the "SP installer."

1. User selects the language (English, French, German, Spanish, . . .) to be used during the installation.

2. User specifies the BEA Home directory for the WebLogic Server 6.0 instance targeted to receive the SP update.

3. SP installer finds the product directory for the WebLogic Server 6.0 instance and proceeds to install the Service Pack.

As part of the installation, the SP installer moves the base files that will be replaced or deleted by the Service Pack installation into the *wls_6.0_prod_dir*/uninstaller_servicepack/baseRest.jar file, where *wls_6.0_prod_dir* represents the target product directory. To view the content of the baseRest.jar file or to recover a replaced or deleted file from the baseRest.jar file, see "Viewing and Recovering Files Replaced or Deleted by a Service Pack Installation" on page 6-19.

Prerequisites to Installing a Service Pack

Before you can start the installation, you need to complete the following tasks:

- Shut down all applications running on the target WebLogic Server platform including WebLogic Server itself.

- Download the Service Pack installer to the target system.

- Include the path to the JDK 1.3 (or higher) software at the front of the PATH variable setting on the target system.

Shutting Down Applications and WebLogic Server

Before starting a Service Pack installation, you need to shut down all applications running on your WebLogic Server platform, and then shut down WebLogic Server itself. "Hot installation" of a Service Pack is not supported.

To shut down the default, examples, and Pet Store servers, see "Shutting Down the Default, Examples, and Pet Store Servers" on page 7-20. For complete information about stopping the WebLogic Server, see "Starting and Stopping WebLogic Servers" in the *Administration Guide* at
`http://e-docs.bea.com/wls/docs60/adminguide/startstop.html`.

Downloading the Service Pack Installer

Choose any directory on the target system to receive the Service Pack installer and then download the installer to that directory.

Setting Up Your Environment

Before starting a Service Pack installation, include the path to the JDK 1.3 (or higher) software at the front of the PATH variable setting on the target system. Java 1.3 or higher is required to start the BEA Installation program. For a list of certified JDKs for the various supported platforms, see the *Platform Support* page at
`http://e-docs.bea.com/wls/certifications/certifications/index.htm l`.

On a Windows System

To set up your environment on a Windows system, follow these steps:

1. Log in to the Windows system.

2. Open a command-line shell.

3. Go to the following directory:

   `wls_6.0_prod_dir\config\domain_name`

where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software, and *domain_name* represents the name of the domain you specified during installation (mydomain by default).

4. Enter the following command:

```
setEnv.cmd
```

On a UNIX System

To set up your environment on a UNIX system, follow these steps:

1. Log in to the UNIX system.

2. Open a command-line shell.

3. Go to the following directory:

   wls_6.0_prod_dir/config/*domain_name*

   where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software, and *domain_name* represents the name of the domain you specified during installation (mydomain by default).

4. Enter the following command:

```
. ./setEnv.sh
```

Methods of Installing a Service Pack

Use one of the following methods of installation to install a Service Pack on WebLogic Server 6.0:

- GUI-mode installation (Windows or UNIX)—See "GUI-Mode Installation of a Service Pack" on page 6-7.

- Console-mode installation (UNIX only)—See "Console-Mode Installation of a Service Pack" on page 6-9.

- Silent installation (Windows or UNIX)—See "Silent Installation of a Service Pack" on page 6-12.

The three methods of installation are different modes of operation of the BEA Installation program. Currently, the default mode of operation is GUI-mode installation.

Note: "Default" means that entering the installation command without any additional command line parameters (such as `-i console`) results in GUI-mode installation. In a future release, the default mode for UNIX systems will change to console-mode installation for both Service Pack *and* WebLogic Server 6.0 base-product installations.

GUI-Mode Installation of a Service Pack

GUI-mode installation of a Service Pack is the graphics-based method of installing the Service Pack on WebLogic Server. It can run on both Windows and UNIX systems.

To run GUI-mode installation, the console attached to the machine on which you are installing the software must support a Java-based GUI. All consoles for Windows systems support Java-based GUIs, but not all consoles for UNIX systems do.

Note: To install a Service Pack on a UNIX system with a non-graphics console, see "Console-Mode Installation of a Service Pack" on page 6-9.

Starting GUI-Mode Installation on a Windows System

To start a Service Pack upgrade using GUI-mode installation on a Windows system, follow these steps:

1. Log in to the Windows system.

2. Go to the directory in which you downloaded the Service Pack installer.

3. Invoke the installation procedure by double-clicking `filename.exe`, where `filename` is the name of the Service Pack installer.

4. Proceed to "Running GUI-Mode Installation" on page 6-8.

Starting GUI-Mode Installation on a UNIX System

To start a Service Pack upgrade using GUI-mode installation on a UNIX system, follow these steps:

1. Log in to the UNIX system.

2. Open a command-line shell.

3. Go to the directory in which you downloaded the Service Pack installer.

4. Invoke the installation procedure by entering

   ```
   java -cp filename.zip install
   ```

   where *filename* is the name of the Service Pack installer.

5. Proceed to "Running GUI-Mode Installation" on page 6-8.

Running GUI-Mode Installation

The installation program prompts you to enter specific information about your system and configuration. For instructions on responding to the prompts during the Service Pack installation, see the following table.

In this window . . .	Perform the following action . . .
BEA Logo	Select the language in which to display text during the installation.
Welcome	Click the Next button to proceed with the installation. You may cancel the installation at any time by clicking Exit.
Choose BEA Home Directory	Specify the BEA Home directory associated with the WebLogic Server instance that is to receive the Service Pack upgrade. For details about the BEA Home directory, see "BEA Home Directory" on page 1-8.

In this window . . .	Perform the following action . . .
Installing . . .	No user input is required here. The installer program is installing the Service Pack on the target WebLogic Server instance. **Note:** It is normal for the installation progress bar to stop for a fairly long time, especially at the end. The installer is still working when this occurs.
Install Complete	Click Done to exit the installer program.

Congratulations! Your installation of the Service Pack upgrade is complete!

To determine what you need to do next, see "Performing Post-Installation and Post-Uninstallation Tasks" on page 6-20.

Console-Mode Installation of a Service Pack

Console-mode installation of a Service Pack is the text-based method of installing the Service Pack on WebLogic Server. It can be run only on UNIX systems and is intended for UNIX systems with non-graphics consoles. Console-mode installation offers the same capabilities as graphics-based installation.

Starting Console-Mode Installation

To start a Service Pack upgrade using console-mode installation, follow these steps:

1. Log in to the UNIX system.

2. Open a command-line shell.

3. Go to the directory in which you downloaded the Service Pack installer.

4. Invoke the installation procedure by entering

   ```
   java -cp filename.zip install -i console
   ```

   where *filename* is the name of the Service Pack installer.

5. Proceed to "Running Console-Mode Installation" on page 6-10.

Running Console-Mode Installation

To complete the console-mode installation process, respond to the prompts in each section by entering the number associated with your choice or by pressing Enter to accept the default. To exit the installation process, enter quit in response to any prompt. To review or change your selection, enter back at the prompt.

In this section . . .	Perform the following action . . .

Choose Locale	Choose the language in which to display text during the installation by entering the number associated with that language.
	
	``
	===============================
	Choose Locale...
	    1- Deutsch
	  ->2- English
	    3- Español
	    4- Français
	
	CHOOSE LOCALE BY NUMBER:
	===============================
	``
	For example, if you want text to be displayed in French, enter 4 at the CHOOSE LOCALE BY NUMBER prompt. The default is English.

Introduction	Press Enter to continue with the installation process.

In this section . . .	Perform the following action . . .

Choose BEA Home Directory	Enter 2 to select the BEA Home directory associated with the WebLogic Server instance that is to receive the Service Pack upgrade.
	
	For example:
	
	``
	==
	Choose BEA Home Directory
	------------------------- 	
	  1- Create a New BEA Home
	  2- Use Existing BEA Home
	Enter a number: 2
	  1- /home3/bea
	  2- /home2/beahome
	Existing BEA Home: 1
	==
	``
	
	In this example, you enter 2 to display the BEA Home directories that have already been created on this system. At the `Existing BEA Home:` prompt, you enter 1 to specify `/home3/bea` as the BEA Home directory for this installation. Make sure that you enter the number associated with the BEA Home directory instead of the directory name.
	
	Note: The BEA Home directory serves as a central support directory for all BEA products installed on the target system. For details, see "BEA Home Directory" on page 1-8.

Installing . . .	No user input is required here. The installer program is installing the Service Pack on the target WebLogic Server instance. **Note:** It is normal for the installation progress bar to stop for a fairly long time, especially at the end. The installer is still working when this occurs.
Install Complete	Press Enter to exit the installer program.

Congratulations! Your installation of the Service Pack upgrade is complete!

To determine what you need to do next, see "Performing Post-Installation and Post-Uninstallation Tasks" on page 6-20.

Silent Installation of a Service Pack

Silent installation of a Service Pack installs the Service Pack on WebLogic Server by reading the settings for your configuration from a text file that you create prior to beginning the installation. Manual intervention is not necessary during the installation process. Silent installation works on both Windows and UNIX systems.

Silent installation is a way of setting installation configurations only once and then using those configurations to duplicate the installation on many machines.

Note: Using silent installation implies your consent to the BEA License Agreement. You neither see a copy of the BEA Software License Agreement nor have any means to accept the terms of the agreement.

Using Silent Installation: Main Steps

There are two primary steps in the silent installation process:

1. Create a template file that contains the configuration settings, such as BEA Home directory, product directory, domain and server names, and listen ports appropriate for your installation.

   For the detailed procedure, see "Creating a Template File" on page 6-13. Two sample template files are provided in "Windows Template File" on page 4-11 and "UNIX Template File" on page 4-13.

2. Invoke the installation process using the values specified in the template files.

   For the detailed procedure, see "Starting SP Silent Installation on a Windows System" on page 6-15 and "Starting SP Silent Installation on a UNIX System" on page 6-15.

Creating a Template File

To create a template file for use in the SP silent installation process, follow these steps:

1. Display the template file specific to your platform in a supported browser. The following templates are available:

   - Windows Template File at
     http://e-docs.bea.com/wls/docs60/install/instsil.html#instsi
     l009

   - UNIX Template File at
     http://e-docs.bea.com/wls/docs60/install/instsil.html#instsi
     l010

2. Copy the contents of the template file and save it as a text file named installer.properties in the directory containing the Service Pack installer.

3. In the installer.properties file, modify the values for the keywords shown in the following table to create your desired configuration.

For this keyword . . .	Enter the following value . . .
INSTALLER_UI=	The mode of installation. The default is silent; do not modify this value.
USER_LOCALE=	A language code determining the language displayed during the installation. Besides en for English, you can set this value to de for German (Deutsch), es for Spanish (Español), fr for French (Français), or ja (or ja_JP) for Japanese.
BEAHOME=	The full pathname for the BEA Home directory associated with the WebLogic Server instance that is to receive the Service Pack upgrade.
USER_INSTALL_DIR=	The full pathname for the product directory associated with the WebLogic Server instance that is to receive the Service Pack upgrade.
C_domainName=	The domain name for the WebLogic Server default server associated with the WebLogic Server instance that is to receive the Service Pack upgrade. The default is mydomain.

For this keyword . . .	Enter the following value . . .
C_serverName=	The server name for the WebLogic Server default server associated with the WebLogic Server instance that is to receive the Service Pack upgrade. The default is myserver.
C_serverListenPort=	The dedicated TCP/IP port number for the WebLogic Server default server associated with the WebLogic Server instance that is to receive the Service Pack upgrade. The default is 7001.
C_serverSSLListenPort=	The dedicated secure listen port number for the WebLogic Server default server associated with the WebLogic Server instance that is to receive the Service Pack upgrade. The default is 7002.
INSTALL_NT_SERVICE= (Windows systems only)	No to installing the WebLogic Server default server as a Windows service. The default is no; do not modify this value.
C_password=	The password associated with the WebLogic Server instance that is to receive the Service Pack upgrade.
CHOSEN_INSTALL_SET=	The install set associated with the WebLogic Server instance that is to receive the Service Pack upgrade. Install set choices are ServerExample and ServerOnly; the default is ServerExample.

In the template files, comment lines are preceded by hash marks.

To specify the ServerOnly install set, comment the CHOSEN_INSTALL_SET=ServerExample line and uncomment the CHOSEN_INSTALL_SET=ServerOnly line.

Starting SP Silent Installation on a Windows System

Installing the Service Pack using silent installation takes the same amount of time as a standard installation. During silent installation, an initial Installation Program window appears briefly, indicating that the installation has started. No other windows or prompts are displayed to indicate that the installation is in progress or has completed.

To start a Service Pack upgrade using silent installation on a Windows system, follow these steps:

1. Log in to the Windows system.

2. Open a command-line shell.

3. Go to the directory in which you downloaded the Service Pack installer.

4. Invoke the installation procedure by entering

   `filename.exe -f full_path/installer.properties`

   where `filename` is the name of the Service Pack installer, and `full_path` is the full pathname for the `installer.properties` file.

5. To determine what you need to do next, see "Performing Post-Installation and Post-Uninstallation Tasks" on page 6-20.

Starting SP Silent Installation on a UNIX System

Installing the Service Pack using silent installation takes the same amount of time as a standard installation. During silent installation, a startup message appears, followed by an "Installing . . ." message, indicating that the installation has started. A short message appears when the installation has completed.

To start a Service Pack upgrade using silent installation on a UNIX system, follow these steps:

1. Log in to the UNIX system.

2. Open a command-line shell.

3. Go to the directory in which you downloaded the Service Pack installer.

4. Invoke the installation procedure by entering

    ```
    java -cp filename.zip install -f full_path/installer.properties
    ```

    where `filename` is the name of the Service Pack installer, and `full_path` is the full pathname for the `installer.properties` file.

5. To determine what you need to do next, see "Performing Post-Installation and Post-Uninstallation Tasks" on page 6-20.

Uninstalling a Service Pack

Uninstalling a Service Pack removes all components installed by the Service Pack installation. It does not delete configuration or application files created after the installation.

Uninstalling a Service Pack leaves the original full installation of the WebLogic Server *base product*, where a base product may or may not have Service Packs already applied. The following examples help clarify the Service Pack uninstallation process.

Example 1:

1. Install WebLogic Server 6.0 with no Service Packs applied.

2. Install WebLogic Server 6.0 Service Pack 1.

3. Install WebLogic Server 6.0 Service Pack 2.

4. Uninstall WebLogic Server 6.0 Service Pack 2.

    Result: WebLogic Server 6.0 with no Service Packs applied.

Example 2:

1. Install WebLogic Server 6.0 with Service Pack 1 already applied.

2. Install WebLogic Server 6.0 Service Pack 2.

3. Uninstall WebLogic Server 6.0 Service Pack 2.

    Result: WebLogic Server 6.0 with Service Pack 1 already applied.

As demonstrated by the first example, if you install multiple Service Packs, you need only uninstall the highest-level Service Pack to revert back to the WebLogic Server base product. As demonstrated by the second example, if you install a WebLogic Server instance with a Service Pack already applied (a full installation), you cannot uninstall that Service Pack.

To uninstall a Service Pack, complete the procedures for the appropriate platform, provided in the following table.

To uninstall the Service Pack on this platform . . .	Complete the following procedure . . .
Windows	1. Shut down any servers that are running. For instructions, see "Shutting Down the Default, Examples, and Pet Store Servers" on page 7-20.
	2. From the Windows Start menu, choose Start→Programs→BEA WebLogic E-Business Platform→WebLogic Server 6.0→Uninstall Service Pack x, where x is the highest-level Service Pack applied. The BEA Installation program Uninstaller window appears.
	3. Click Uninstall to start the uninstall program.
	4. Click Exit in the Uninstall Complete window.

To uninstall the Service Pack on this platform . . .	Complete the following procedure . . .
UNIX	1. Shut down any servers that are running. For instructions, see "Shutting Down the Default, Examples, and Pet Store Servers" on page 7-20.
	2. Set the PATH and CLASSPATH variables to include the location in which the JDK 1.3 (or higher) is installed. You can include them as arguments on the java command line, or by executing a sample script provided with your software. To execute the script, go to the following directory:
	`wls_6.0_prod_dir`/config/`domain_name`
	where `wls_6.0_prod_dir` represents the product directory in which you installed the WebLogic Server software, and `domain_name` represents the name of the domain you specified during installation (`mydomain` by default).
	Enter the following command at the prompt:
	`. ./setEnv.sh`
	3. Go to the following directory:
	`wls_6.0_prod_dir`/uninstaller_servicepack
	where `wls_6.0_prod_dir` represents the product directory in which you installed the WebLogic Server software.
	4. Choose one of two methods for uninstalling the software:
	■ To use the GUI-mode installation program, go to step 5.
	■ To use the console-mode procedure, go to step 6.
	5. (GUI-mode method) Enter the `sh uninstall` command at the prompt. In the Uninstaller window, click Uninstall to start the uninstall program, then click Exit in the Uninstall Complete window to complete the uninstallation.
	6. (Console-mode method) Enter the `sh uninstall -i console` command at the prompt. When the uninstall process is complete, press Enter to exit the uninstaller.

Reinstalling a Service Pack

When you attempt to install a Service Pack on a WebLogic Server 6.0 instance that already has the same Service Pack installed, the BEA Installation program responds in one of two ways:

If . . .	Then . . .
The WebLogic Server 6.0 instance received its Service Pack upgrade at the customer site—an *upgrade* installation	The BEA Installation program will reinstall the Service Pack.
The WebLogic Server 6.0 instance was installed with the Service Pack already applied—a *full* installation	The BEA Installation program will *not* reinstall the Service Pack. An Exit Installation button will appear, which you click to abort the installation.

Viewing and Recovering Files Replaced or Deleted by a Service Pack Installation

To view the files replaced or deleted by a Service Pack installation, go to the `wls_6.0_prod_dir`/`uninstaller_servicepack` directory of the upgraded WebLogic Server instance and enter the following command:

```
jar tf baseRest.jar
```

To recover a file replaced or deleted by a Service Pack installation, go to the `wls_6.0_prod_dir`/uninstaller_servicepack directory of the upgraded WebLogic Server instance and enter the following command:

```
jar xf baseRest.jar filename
```

where `filename` is the name of the file you want to recover.

Performing Post-Installation and Post-Uninstallation Tasks

What you do after installing or uninstalling a Service Pack depends upon the answer to the following question: *Have you created any domains in WebLogic Server other than the single domain created during the installation of WebLogic Server?*

If the answer is no, proceed to "Performing Post-Installation Tasks" on page 7-1.

If the answer is yes, you must perform the following additional task after a Service Pack install or uninstall:

> Replace the console.war file in each of your customer-created domains with the console.war file in the following path:
>
> `wls_6.0_prod_dir`/config/mydomain/applications/console.war
>
> where `wls_6.0_prod_dir` represents the product directory in which you installed the WebLogic Server software, and mydomain is the default name of the domain created during the installation of WebLogic Server.

The Service Pack installer replaces the console.war file of mydomain with a new console.war file, but does not replace the console.war file of any customer-created domain. Similarly, the Service Pack uninstaller replaces the console.war file of mydomain with the original console.war file, but does not replace the console.war file of any customer-created domain.

After you have completed this additional task (if applicable), verify that the Service Pack is installed correctly by performing the tasks in "Performing Post-Installation Tasks" on page 7-1.

7 Performing Post-Installation Tasks

The following sections describe the tasks you perform after installing WebLogic Server:

- Understanding the WebLogic Server Directory Structure

- Verifying Your Installation

- Starting the Default, Examples, and Pet Store Servers

- Starting the Administration Console

- Shutting Down the Default, Examples, and Pet Store Servers

- Uninstalling WebLogic Server

- Reinstalling WebLogic Server

Understanding the WebLogic Server Directory Structure

During the WebLogic Server software installation, the installer program creates the following directory structure for a "Server with Examples" installation, which includes the WebLogic Server program files and examples files plus the secure sockets layer (SSL) encryption software packages.

wlserver6.0	
	bin
	config
	ext
	lib
	samples
	uninstaller
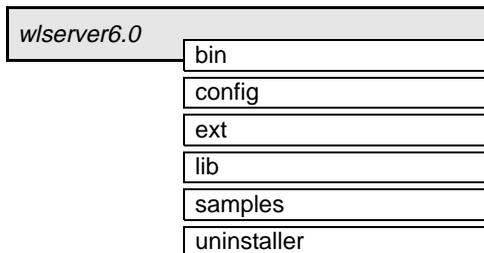
The product directory shown here, *wlserver6.0*, is the default for the WebLogic Server 6.0. You can change the default name during the installation.

The contents of each directory are described in the following table.

This directory . . .	Contains . . .
bin	Executable programs plus the libraries for Windows systems to support the following components: ■ JDBC drivers ■ Apache plug-ins ■ Internet Server (IS) API plug-ins ■ Netscape Server (NS) API plug ins ■ Other native code packages

This directory . . .	Contains . . .
config	A configuration repository for each of the domains in the configuration. Each domain is defined in a separate subdirectory, the name of which is the name of that domain. When you initially install WebLogic Server, three subdirectories are created in the /config directory: ■ *domain_name* (mydomain is the default) ■ examples ■ petstore Each subdirectory contains the Extensible Markup Language (XML) configuration file (config.xml) and the security resources for that domain. The mydomain subdirectory contains two configuration files: ■ config.xml On initial installation, config.xml reflects the values you enter during installation. As you modify your configuration, the changes are reflected in this file. ■ config.xml.FROM_INSTALLER This file is a duplicate of the initial config.xml file, reflecting the values you enter during installation. It remains unchanged, allowing you to restore your config.xml to the state immediately following an installation, if necessary.
ext	XML jar files.
lib	The jar files to run WebLogic Server plus the libraries for UNIX systems to support the following components: ■ JDBC drivers ■ Apache plug-ins ■ Internet Server (IS) API plug-ins ■ Netscape Server (NS) API plug ins ■ Other native code packages

This directory . . .	Contains . . .

samples	Sample code and resources designed to help you learn how to develop your own applications using WebLogic Server. The samples directory contains the following subdirectories:
	
	■ examples
	
	  A collection of simple applications that demonstrate many features of WebLogic Server.
	
	■ petStore
	
	  The WebLogic Server Pet Store application, which is a full-blown e-commerce application based on the Sun Microsystems, Inc. J2EE Blueprint example. The J2EE Blueprint example has been slightly modified to demonstrate some of the unique and powerful features of WebLogic Server.
	
	■ eval
	
	  An evaluation copy of the Cloudscape relational database management system (RDBMS), which is included so that you can run the examples and Pet Store application with a functional RDBMS.

uninstaller	Code required to uninstall the WebLogic Server 6.0 software.
uninstaller_servicepack	Code required to uninstall the WebLogic Server 6.0 Service Pack. This directory appears only if you have applied a Service Pack upgrade to the WebLogic Server 6.0 software.
servicepacks	A copy of each Service Pack installed on the WebLogic Server 6.0 software. (Currently, this directory is not being used; it is empty.) This directory appears only if you have applied a Service Pack upgrade to the WebLogic Server 6.0 software.

Verifying Your Installation

A WebLogic Server "Server with Examples" installation contains directory structures for three different servers, as shown in the following figure. One way to verify that your WebLogic Server software is installed correctly is to start one of these servers.

Figure 7-1   WebLogic Server Directory Structures for the Default, Examples, and Pet Store Servers
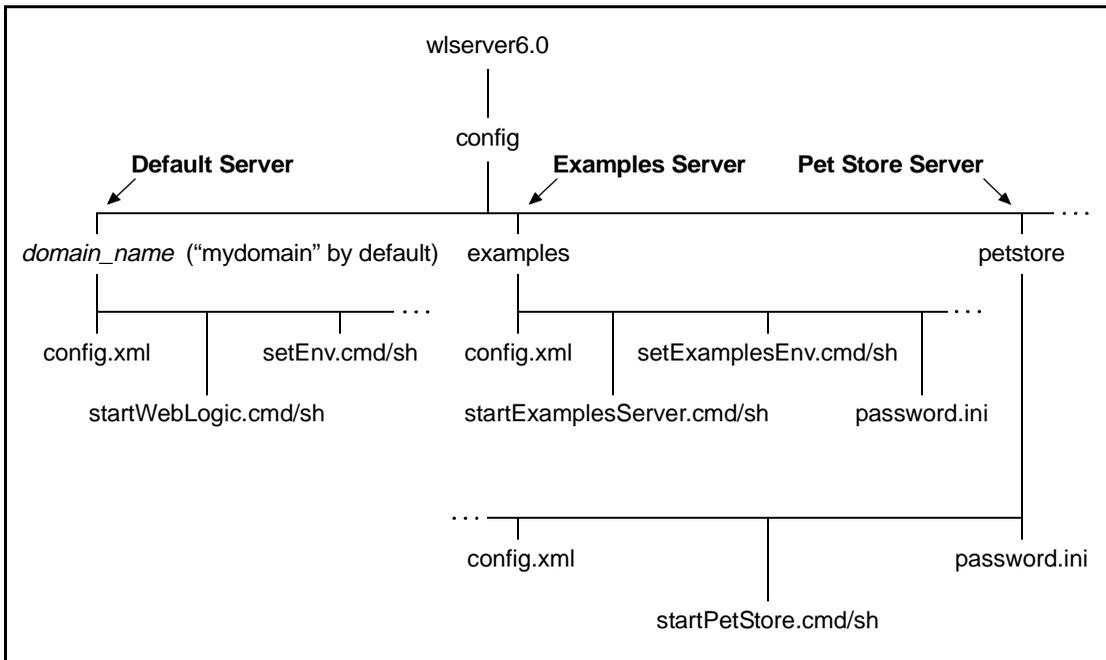
Note: The example and Pet Store *applications* reside in the wlserver6.0/samples directory structure.

■   Default server

The default server, also known as the Administration Server, uses an associated configuration file (config.xml) that defines the attributes for the default server,

including the default server configuration attributes that you entered during the installation process. Also provided are the following command scripts for starting the default server with the default configuration file and for setting the environment to build and run the default server: `startWebLogic.cmd` and `setEnv.cmd` for Windows systems, and `startWebLogic.sh` and `setEnv.sh` for UNIX systems.

■ Examples server

The examples server uses an associated configuration file (`config.xml`) that defines the attributes for all the example applications in the WebLogic Server distribution. Also provided are the following command scripts for starting the examples server with the examples configuration file and for setting the environment to build and run the examples: `startExamplesServer.cmd` and `setExamplesEnv.cmd` for Windows systems, and `startExamplesServer.sh` and `setExamplesEnv.sh` for UNIX systems.

■ Pet Store server

The Pet Store server uses an associated configuration file (`config.xml`) that defines the attributes required for the Pet Store application. (The Pet Store application is provided in the WebLogic Server Tour to demonstrate the capabilities of the J2EE platform and WebLogic Server.) Also provided are the following command scripts for starting the Pet Store server with the Pet Store configuration file: `startPetStore.cmd` for Windows systems, and `startPetStore.sh` for UNIX systems.

Starting the Default, Examples, and Pet Store Servers

The following sections provide procedures for starting the default server, the examples server, and the Pet Store server on a Windows or UNIX system. The procedure for starting the Pet Store server also includes the procedure for starting the Pet Store application on the Pet Store server.

- "Starting the Examples Server on a Windows System" on page 7-11

- "Starting the Examples Server on a UNIX System" on page 7-14

- "Starting the Pet Store Server and Application on a Windows System" on page 7-15

- "Starting the Pet Store Server and Application on a UNIX System" on page 7-18

You cannot run these servers concurrently because they are configured to share the same ports that you entered in the Default Server Configuration window during the installation (by default, port 7001 for non-secure connections, and 7002 for SSL connections). However, you can change a server's port configurations by editing the server's start command script and specifying the following Java command-line options:

- `-Dweblogic.ListenPort=`*your_non-secure_port_number*

- `-Dweblogic.SSL.ListenPort=`*your_SSL_port_number*

In the following listing, for example, the added Java command-line options highlighted in bold will change the examples server port configurations to 7005 (non-secure) and 7006 (SSL). These values become the run-time listen port values when you use the modified `startExamplesServer.cmd/sh` script to start the examples server, and the listen port values stored in the examples server `config.xml` file are ignored.

Listing 7-1   Modified startExamplesServer.cmd Script

```
.
.
.
"%JAVA_HOME%\bin\java" -hotspot -ms64m -mx64m -classpath
  %CLASSPATH% -Dweblogic.Domain=examples
  -Dweblogic.Name=examplesServer -Dbea.home="C:\bea"
  -Dcloudscape.system.home=./samples/eval/cloudscape/data
  -Djava.security.policy=="C:\bea\wlserver6.0/lib/weblogic.policy"
  -Dweblogic.ListenPort=7005 -Dweblogic.SSL.ListenPort=7006
  weblogic.Server
goto finish

:finish
cd config\examples
ENDLOCAL
```

The default, examples, and Pet Store servers all run under the system identity, which is the system account created during the WebLogic Server installation. For the default server, the system password is the password that you specified during the installation. For the examples or Pet Store server, the system password is the password contained in the server's password.ini file. For the location of the password.ini files, see the figure titled "WebLogic Server Directory Structures for the Default, Examples, and Pet Store Servers" on page 7-5.

After starting the default, examples, or Pet Store server, you can start the Administration Console to monitor the server and any application that the server is running. The Administration Console is the Web-based administrator front-end (administrator client interface) to WebLogic Server.

Bear in mind that HTTP tunneling is disabled by default for all servers. As a result, all WebLogic Java-based clients will fail to connect to the server over HTTP and HTTPS (HTTP using SSL). For example, if you run a Java-based client example (such as examples.ejb.basic.statelessSession) over HTTP/HTTPS, the example fails. Browser-based clients are not affected by this configuration because they do not use HTTP tunneling. To resolve this issue, you must enable HTTP tunneling. For information about how to enable HTTP tunneling, see "Configuring WebLogic Server Web Components" in the *Administration Guide* at http://e-docs.bea.com/wls/docs60/adminguide/web_server.html.

Starting the Default Server on a Windows System

Choose a method to start the default server:

- Shortcut icon

- Sample script

- Command

The following table provides a procedure for each method.

To start the default server . . .	Perform the following steps . . .
By using a shortcut icon	1. Choose Start→ Programs→ BEA WebLogic E-Business Platform→ WebLogic Server 6.0→ Start Default Server. The following prompt appears in the server window. `Enter password to boot WebLogic server:` 2. Type the password that you specified in the Create System Password window (during installation) and press Enter. The default server starts under the `system` identity (`system account`). **Note:** Starting the default server from the Start menu is equivalent to running the `startWebLogic.cmd` script.
By running the sample script `startWebLogic.cmd`	1. Open a command-line shell. 2. Go to the following directory: *wls_6.0_prod_dir*\config*domain_name* where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software, and *domain_name* represents the name of the domain you specified during installation (`mydomain` by default). 3. Enter `startWebLogic` at the prompt. The `startWebLogic.cmd` script ensures that the default server is started with the configurations in the config*domain_name*\config.xml file and that the `CLASSPATH` variable is set correctly. The following prompt appears in the server window. `Enter password to boot WebLogic server:` 4. Type the password that you specified in the Create System Password window (during installation) and press Enter. The default server starts under the `system` identity (`system account`).

To start the default server . . .	Perform the following steps . . .
From the command line	WebLogic Server is a Java class file, and like any Java application, you can start it by running the `java` command. Because you may need to include many arguments to start WebLogic Server, the command line may be long.
	See "Starting the WebLogic Administration Server from the Command Line" in the *Administration Guide* at `http://e-docs.bea.com/wls/docs60/adminguide /startstop.html#StartingAdministrationServe rFromCommandLine` for details about starting the default server from the command line.

For complete information about starting and stopping servers, see "Starting and Stopping WebLogic Servers" in the *Administration Guide* at `http://e-docs.bea.com/wls/docs60/adminguide/startstop.html`.

Starting the Default Server on a UNIX System

To start the default server on a UNIX system, follow these steps:

1. Go to the following directory:

   wls_6.0_prod_dir/config/*domain_name*

   where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software, and *domain_name* represents the name of the domain you specified during installation (mydomain by default).

2. Complete one of these steps:

   - To start the default server in a new shell, enter the following command:

     sh startWebLogic.sh

   - To start the default server in the current shell, enter the following commands:

     chmod +x startWebLogic.sh
     startWebLogic.sh

The `startWebLogic.sh` script ensures that the default server is started with the configurations in the `config/`*`domain_name`*`/config.xml` file and that the `CLASSPATH` variable is set correctly.

The following prompt appears in the server window.

```
Enter password to boot WebLogic server:
```

3. Type the password that you specified in the Create System Password window (during installation) and press Enter. The default server starts under the `system` identity (`system` account).

For complete information about starting and stopping servers, see "Starting and Stopping WebLogic Servers" in the *Administration Guide* at `http://e-docs.bea.com/wls/docs60/adminguide/startstop.html`.

Starting the Examples Server on a Windows System

The example applications are contained in the *`wls_6.0_prod_dir`*`\samples\examples` directory, where *`wls_6.0_prod_dir`* represents the product directory in which you installed the WebLogic Server software. The examples demonstrate a variety of features using WebLogic Server. Additional information for configuring and executing the examples server and the example applications is provided in the *`wls_6.0_prod_dir`*`\samples\examples\example.html` file.

Choose a method to start the examples server:

■ Shortcut icon

■ Sample script

■ Command

The following table provides a procedure for each method.

To start the Examples server . . .	Perform the following steps . . .
By using a shortcut icon	1. Choose Start→ Programs→ BEA WebLogic E-Business Platform→ WebLogic Server 6.0→ Examples→ Start Examples Server. The following prompt appears in the server window. `Enter password to boot WebLogic server:` The `password.ini` file located in the `config\examples` directory contains the password `examplesPassword`, and is automatically read by the examples server when it boots. 2. If the `password.ini` file has been removed from the `config\examples` directory, you are prompted for a password when booting the server. If prompted, enter `examplesPassword`. The examples server starts under the `system` identity (`system` account). **Note:** Starting the examples server from the Start menu is equivalent to running the `startExamplesServer.cmd` script.

To start the Examples server . . .	Perform the following steps . . .

By running the sample script startExamplesServer.cmd	1. Open a command-line shell.
	
	2. Go to the following directory:
	
	   wls_6.0_prod_dir\config\examples
	
	   where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software.
	
	3. Enter startExamplesServer at the prompt.
	
	   The startExamplesServer.cmd script sets up the proper CLASSPATH variable for the examples server and loads the configurations in the config\examples\config.xml file by setting the weblogic.Domain property to examples.
	
	   The following prompt appears in the server window.
	
	   `Enter password to boot WebLogic server:`
	
	   The password.ini file located in the config\examples directory contains the password examplesPassword, and is automatically read by the examples server when it boots.
	
	4. If the password.ini file has been removed from the config\examples directory, you are prompted for a password when booting the server. If prompted, enter examplesPassword. The examples server starts under the system identity (system account).

From the command line	WebLogic Server is a Java class file, and like any Java application, you can start it by running the java command. Because you may need to include many arguments to start WebLogic Server, the command line may be long. See "Starting the WebLogic Administration Server from the Command Line" in the *Administration Guide* at http://e-docs.bea.com/wls/docs60/adminguide/startstop.html#StartingAdministrationServerFromCommandLine for details about starting the examples server from the command line.

For complete information about starting and stopping WebLogic Server, see "Starting and Stopping WebLogic Servers" in the *Administration Guide* at http://e-docs.bea.com/wls/docs60/adminguide/startstop.html.

Starting the Examples Server on a UNIX System

The example applications are contained in the `wls_6.0_prod_dir`/samples/examples directory, where `wls_6.0_prod_dir` represents the product directory in which you installed the WebLogic Server software. The examples demonstrate a variety of features using WebLogic Server. Additional information for configuring and executing the examples server and the example applications is provided in the `wls_6.0_prod_dir`/samples/examples/example.html file.

To start the examples server on a UNIX system, follow these steps:

1. Go to the following directory:

   `wls_6.0_prod_dir`/config/examples

   where `wls_6.0_prod_dir` represents the product directory in which you installed the WebLogic Server software.

2. Complete one of these steps:

   - To start the examples server in a new shell, enter the following command:

     ```
     sh startExamplesServer.sh
     ```

   - To start the examples server in the current shell, enter the following commands:

     ```
     chmod +x startExamplesServer.sh
     startExamplesServer.sh
     ```

   The startExamplesServer.sh script sets up the proper CLASSPATH variable for the examples server and loads the configurations in the config/examples/config.xml file by setting the weblogic.Domain property to examples.

   The following prompt appears in the server window.

   ```
   Enter password to boot WebLogic server:
   ```

The `password.ini` file located in the `config/examples` directory contains the password `examplesPassword`, and is automatically read by the examples server when it boots.

3. If the `password.ini` file has been removed from the `config/examples` directory, you are prompted for a password when booting the server. If prompted, enter `examplesPassword`. The examples server starts under the `system` identity (`system` account).

For complete information about starting and stopping servers, see "Starting and Stopping WebLogic Servers" in the *Administration Guide* at `http://e-docs.bea.com/wls/docs60/adminguide/startstop.html`.

Starting the Pet Store Server and Application on a Windows System

The Pet Store server runs the Pet Store application, which is provided in the WebLogic Server Tour to demonstrate the capabilities of the J2EE platform and WebLogic Server. After the server boots, your browser should automatically launch and point to the WebLogic Server Tour running on the server. Additional information for configuring and executing the Pet Store server and the Pet Store application is provided in the *wls_6.0_prod_dir*\samples\petStore\petstore.html file.

Choose a method to start the Pet Store server and application:

- Shortcut icon
- Sample script
- Command

The following table provides a procedure for each method.

To start the Pet Store server and application . . .	Perform the following steps . . .
By using a shortcut icon	1. Choose Start→ Programs→ BEA WebLogic E-Business Platform→ WebLogic Server 6.0→ WebLogic Server Tour→ Run Pet Store. The following prompt appears in the server window. `Enter password to boot WebLogic server:` The `password.ini` file located in the `config\petstore` directory contains the password `petstorePassword`, and is automatically read by the Pet Store server when it boots. 2. If the `password.ini` file has been removed from the `config\petstore` directory, you are prompted for a password when booting the server. If prompted, enter `petstorePassword`. The Pet Store server starts under the `system` identity (`system` account). **Note:** Starting the Pet Store server from the Start menu is equivalent to running the `startPetStore.cmd` script.

To start the Pet Store server and application . . .	Perform the following steps . . .
By running the sample script startPetStore.cmd	1. Open a command-line shell.
	2. Go to the following directory:
	wls_6.0_prod_dir\config\petstore
	where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software.
	3. Enter startPetStore at the prompt.
	The startPetStore.cmd script sets up the proper CLASSPATH variable for the Pet Store server and loads the configurations in the config\petstore\config.xml file by setting the weblogic.Domain property to petstore.
	The following prompt appears in the server window.
	Enter password to boot WebLogic server:
	The password.ini file located in the config\petstore directory contains the password petstorePassword, and is automatically read by the Pet Store server when it boots.
	4. If the password.ini file has been removed from the config\petstore directory, you are prompted for a password when booting the server. If prompted, enter petstorePassword. The Pet Store server starts under the system identity (system account).
From the command line	WebLogic Server is a Java class file, and like any Java application, you can start it by running the java command. Because you may need to include many arguments to start WebLogic Server, the command line may be long.
	See "Starting the WebLogic Administration Server from the Command Line" in the *Administration Guide* at http://e-docs.bea.com/wls/docs60/admingui de/startstop.html#StartingAdministrationS erverFromCommandLine for details about starting the Pet Store server from the command line.

For complete information about starting and stopping WebLogic Server, see "Starting and Stopping WebLogic Servers" in the *Administration Guide* at http://e-docs.bea.com/wls/docs60/adminguide/startstop.html.

Starting the Pet Store Server and Application on a UNIX System

The Pet Store server runs the Pet Store application, which is provided in the WebLogic Server Tour to demonstrate the capabilities of the J2EE platform and WebLogic Server. After the server boots, your browser should automatically launch and point to the WebLogic Server Tour running on the server. Additional information for configuring and executing the Pet Store server and the Pet Store application is provided in the *wls_6.0_prod_dir*/samples/petStore/petstore.html file.

To start the Pet Store server and application on a UNIX system, follow these steps:

1. Go to the following directory:

   wls_6.0_prod_dir/config/petstore

   where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software.

2. Complete one of these steps:

   - To start the Pet Store server in a new shell, enter the following command:

     sh startPetStore.sh

   - To start the Pet Store server in the current shell, enter the following commands:

     chmod +x startPetStore.sh
     startPetStore.sh

   The startPetStore.sh script sets up the proper CLASSPATH variable for the Pet Store server and loads the configurations in the config/petstore/config.xml file by setting the weblogic.Domain property to petstore.

   The following prompt appears in the server window.

   Enter password to boot WebLogic server:

The `password.ini` file located in the `config/petstore` directory contains the password `petstorePassword`, and is automatically read by the Pet Store server when it boots.

3. If the `password.ini` file has been removed from the `config/petstore` directory, you are prompted for a password when booting the server. If prompted, enter `petstorePassword`. The Pet Store server starts under the `system` identity (`system` account).

For complete information about starting and stopping servers, see "Starting and Stopping WebLogic Servers" in the *Administration Guide* at `http://e-docs.bea.com/wls/docs60/adminguide/startstop.html`.

Starting the Administration Console

You must start the default server before you can access the default server via the default console. Similarly, you must start the examples server before you can access the examples server via the examples console, and you must start the Pet Store server before you can access the Pet Store server via the Pet Store console. The default console, examples console, and Pet Store console are instances of the Administration Console, which is the Web-based administrator front-end (administrator client interface) to WebLogic Server.

Note: For details about starting the WebLogic Server servers, see "Starting the Default, Examples, and Pet Store Servers" on page 7-6.

To start the default, examples, or Pet Store Administration Console, follow these steps:

1. Open the following URL in a supported browser:

   `http://`*hostname*`:`*port*`/console`

   where:

   - *hostname* is the name or IP address of the machine on which you installed the WebLogic Server software.

   - *port* is the address of the default, examples, or Pet Store server listen port. The default listen port for WebLogic Server is 7001.

On a Windows system, you can also start the default Administration Console by using a Windows shortcut. For example, to start the console from the Start menu, choose Start→ Programs→ BEA WebLogic E-Business Platform→ WebLogic Server 6.1→ Start Default Console.

2. When starting the default, examples, or Pet Store Administration Console, you are prompted for a username and password to log in to the server. Enter system as the username, and enter the password you created during installation as the password.

For complete details about using the Administration Console to configure a WebLogic Server server, see "Starting and Stopping WebLogic Servers" in the *Administration Guide* at `http://e-docs.bea.com/wls/docs60/adminguide/startstop.html`.

Shutting Down the Default, Examples, and Pet Store Servers

The following sections provide procedures for shutting down the default server, the examples server, and the Pet Store server on a Windows or UNIX system. The procedure for shutting down the Pet Store server includes the procedure for shutting down the Pet Store application running on the Pet Store server.

- "Shutting Down the Default Server" on page 7-21
- "Shutting Down the Examples Server" on page 7-23
- "Shutting Down the Pet Store Server and Application" on page 7-25

Shutting Down the Default Server

You can shut down the default server from the console or command line as described in the following table.

To shut down the default server from the . . .	Complete the following procedure . . .
Administration Console	1. In the Administration Console domain tree (in the left pane), click the + in front of Servers to display the list of servers. 2. Right-click the name of the server that you want to shut down and choose Shutdown this server.

To shut down the default server from the . . .	Complete the following procedure . . .
Command line	1. Open a command-line shell.
	2. Set the PATH and CLASSPATH variables to include the location in which the JDK 1.3 (or higher) is installed. You can include them as arguments on the java command line, or by executing a sample script provided with your software. To execute the script, go to the following directory:
	wls_6.0_prod_dir\config*domain_name* (Windows)
	wls_6.0_prod_dir/config/*domain_name* (UNIX)
	where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software, and *domain_name* represents the name of the domain you specified during installation (mydomain by default).
	On a Windows system, enter the following command:
	setEnv
	On a UNIX system, enter the following command:
	. ./setEnv.sh
	3. Enter the following command:
	java weblogic.Admin -url http://localhost:*port* -username *username* -password *password* SHUTDOWN
	The arguments in this command line are defined as follows:
	port is the default server listen port (default is 7001).
	username designates a user with administrative-level privileges for the target WebLogic Server. The value assigned to *username* during installation is system.
	password is the password that you specified in the Create System Password window during installation.

For complete information about starting and stopping the WebLogic Server, see "Starting and Stopping WebLogic Servers" in the *Administration Guide* at http://e-docs.bea.com/wls/docs60/adminguide/startstop.html.

Shutting Down the Examples Server

You can shut down the examples server from the console or command line as described in the following table.

To shut down the examples server from the . . .	Complete the following procedure . . .
Administration Console	1. In the Administration Console domain tree (in the left pane), click the + in front of Servers to display the list of servers. 2. Right-click the name of the server that you want to shut down and choose Shutdown this server.

To shut down the examples server from the . . .	Complete the following procedure . . .
Command line	1. Open a command-line shell.
	2. Set the PATH and CLASSPATH variables to include the location in which the JDK 1.3 (or higher) is installed. You can include them as arguments on the java command line, or by executing a sample script provided with your software. To execute the script, go to the following directory:
	wls_6.0_prod_dir\config\examples (Windows)
	wls_6.0_prod_dir/config/examples (UNIX)
	where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software.
	On a Windows system, enter the following command:
	setExamplesEnv
	On a UNIX system, enter the following command:
	. ./setExamplesEnv.sh
	3. Enter the following command:
	java weblogic.Admin -url http://localhost:*port* -username *username* -password *password* SHUTDOWN
	The arguments in this command line are defined as follows:
	port is the examples server listen port (default is 7001).
	username designates a user with administrative-level privileges for the target WebLogic Server. The value assigned to *username* during installation is system.
	password is examplesPassword.

For complete information about starting and stopping the WebLogic Server, see "Starting and Stopping WebLogic Servers" in the *Administration Guide* at http://e-docs.bea.com/wls/docs60/adminguide/startstop.html.

Shutting Down the Pet Store Server and Application

You can shut down the Pet Store server from the console or command line as described in the following table.

To shut down the Pet Store server from the . . .	Complete the following procedure . . .
Administration Console	1. In the Administration Console domain tree (in the left pane), click the + in front of Servers to display the list of servers. 2. Right-click the name of the server that you want to shut down and choose Shutdown this server.

To shut down the Pet Store server from the . . .	Complete the following procedure . . .
Command line	1. Open a command-line shell.
	2. Set the PATH and CLASSPATH variables to include the location in which the JDK 1.3 (or higher) is installed. You can include them as arguments on the java command line, or by executing a sample script provided with your software. To execute the script, go to the following directory:
	wls_6.1_prod_dir\config\examples (Windows)
	wls_6.1_prod_dir/config/examples (UNIX)
	where *wls_6.1_prod_dir* represents the product directory in which you installed the WebLogic Server software.
	On a Windows system, enter the following command:
	setExamplesEnv
	On a UNIX system, enter the following command:
	. ./setExamplesEnv.sh
	3. Enter the following command:
	java weblogic.Admin -url http://localhost:*port* -username *username* -password *password* SHUTDOWN
	The arguments in this command line are defined as follows:
	port is the Pet Store server listen port (default is 7001).
	username designates a user with administrative-level privileges for the target WebLogic Server. The value assigned to *username* during installation is system.
	password is petstorePassword.

For complete information about starting and stopping the WebLogic Server, see "Starting and Stopping WebLogic Servers" in the *Administration Guide* at http://e-docs.bea.com/wls/docs60/adminguide/startstop.html.

Uninstalling WebLogic Server

Uninstalling WebLogic Server does not remove the BEA Home directory associated with the installation but does remove all WebLogic Server components installed by the installer program. The uninstallation also removes the product directory associated with the installation *unless* one of the following is true:

■ The product directory contains customer-created configuration or application files—*the uninstallation does not delete customer-created configuration or application files*.

■ The uninstall was invoked from within the product directory structure—specifically, within the `uninstaller` directory.

If the WebLogic Server installation was upgraded with a Service Pack at the customer site, you must uninstall the Service Pack before uninstalling WebLogic Server. For information about uninstalling Service Packs, see "Uninstalling a Service Pack" on page 6-16.

To uninstall WebLogic Server, complete the procedures for the appropriate platform, provided in the following table.

To uninstall WebLogic Server on this platform . . .	Complete the following procedure . . .
Windows	1. Shut down any servers that are running. For instructions, see "Shutting Down the Default, Examples, and Pet Store Servers" on page 7-20. 2. From the Windows Start menu, choose Start→Programs→BEA WebLogic E-Business Platform→WebLogic Server 6.0→Uninstall WebLogic Server 6.0(sp*x*) (or Uninstall WebLogic Server 6.0). The BEA Installation program Uninstaller window appears. 3. Click Uninstall to start the uninstall program. 4. Click Exit in the Uninstall Complete window.

To uninstall WebLogic Server on this platform . . .	Complete the following procedure . . .
UNIX	1. Shut down any servers that are running. For instructions, see "Shutting Down the Default, Examples, and Pet Store Servers" on page 7-20.
	2. Set the PATH and CLASSPATH variables to include the location in which the JDK 1.3 (or higher) software is installed. You can include them as arguments on the java command line, or by executing a sample script provided with your software. To execute the script, go to the following directory:
	wls_6.0_prod_dir/config/*domain_name*
	where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software, and *domain_name* represents the name of the domain you specified during installation (mydomain by default).
	Enter the following command at the prompt:
	`. ./setEnv.sh`
	3. Go to the following directory:
	wls_6.0_prod_dir/uninstaller
	where *wls_6.0_prod_dir* represents the product directory in which you installed the WebLogic Server software.
	4. Choose one of two methods for uninstalling the software:
	■ To use the GUI-mode installation program, go to step 5.
	■ To use the console-mode procedure, go to step 6.
	5. (GUI-mode method) Enter the sh uninstall command at the prompt. In the Uninstaller window, click Uninstall to start the uninstall program, then click Exit in the Uninstall Complete window to complete the uninstallation.
	6. (Console-mode method) Enter the sh uninstall -i console command at the prompt. When the uninstall process is complete, press Enter to exit the uninstaller.

Reinstalling WebLogic Server

When you start the BEA Installation program on a system on which a copy of WebLogic Server 6.0 is already installed, the BEA Installation program detects the existing installation and provides you with the prompts shown in the following table.

Click . . .	To . . .
Continue	Close the warning window and continue with the installation. This option overwrites the previous installation. When you click Continue, the installation program creates a copy of the current `config.xml` file, called `config.xml.BACKUP`. When the software is reinstalled, a new `config.xml` file is created that reflects the values that you enter during reinstallation. The `config.xml.BACKUP` file allows you to restore the configuration file that existed prior to the reinstallation.
Cancel	Return to the Choose BEA Home Directory window. You cannot install multiple copies of WebLogic Server 6.0 in the same BEA Home directory. To continue installing the software using a different BEA Home directory, select an existing BEA Home directory that does not contain the Version 6.0 software or create a new BEA Home directory.
Exit	Exit the installation program and uninstall the previous installation. You can invoke the uninstall program as described in "Uninstalling WebLogic Server" on page 7-27, and reinstall the software as described in one of the following: ■ "Installing WebLogic Server Using GUI-Mode Installation" on page 2-1 ■ "Installing WebLogic Server on UNIX Systems Using Console-Mode Installation" on page 3-1 ■ "Installing WebLogic Server Using Silent Installation" on page 4-1

Index