Sun Java System Application Server Platform Edition 8.2 Installation Guide

Sun Microsystems, Inc.
4150 Network Circle
Santa Clara, CA 95054
U.S.A.

Part No: 819–4711

Copyright 2006 Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, CA 95054 U.S.A. All rights reserved.

Sun Microsystems, Inc. has intellectual property rights relating to technology embodied in the product that is described in this document. In particular, and without limitation, these intellectual property rights may include one or more U.S. patents or pending patent applications in the U.S. and in other countries.

U.S. Government Rights – Commercial software. Government users are subject to the Sun Microsystems, Inc. standard license agreement and applicable provisions of the FAR and its supplements.

This distribution may include materials developed by third parties.

Parts of the product may be derived from Berkeley BSD systems, licensed from the University of California. UNIX is a registered trademark in the U.S. and other countries, exclusively licensed through X/Open Company, Ltd.

Sun, Sun Microsystems, the Sun logo, the Solaris logo, the Java Coffee Cup logo, docs.sun.com, Java, and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the U.S. and other countries. Products bearing SPARC trademarks are based upon an architecture developed by Sun Microsystems, Inc.

The OPEN LOOK and Sun™ Graphical User Interface was developed by Sun Microsystems, Inc. for its users and licensees. Sun acknowledges the pioneering efforts of Xerox in researching and developing the concept of visual or graphical user interfaces for the computer industry. Sun holds a non-exclusive license from Xerox to the Xerox Graphical User Interface, which license also covers Sun's licensees who implement OPEN LOOK GUIs and otherwise comply with Sun's written license agreements.

Products covered by and information contained in this publication are controlled by U.S. Export Control laws and may be subject to the export or import laws in other countries. Nuclear, missile, chemical or biological weapons or nuclear maritime end uses or end users, whether direct or indirect, are strictly prohibited. Export or reexport to countries subject to U.S. embargo or to entities identified on U.S. export exclusion lists, including, but not limited to, the denied persons and specially designated nationals lists is strictly prohibited.

DOCUMENTATION IS PROVIDED "AS IS" AND ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT SUCH DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

Copyright 2006 Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, CA 95054 U.S.A. Tous droits réservés.

Sun Microsystems, Inc. détient les droits de propriété intellectuelle relatifs à la technologie incorporée dans le produit qui est décrit dans ce document. En particulier, et ce sans limitation, ces droits de propriété intellectuelle peuvent inclure un ou plusieurs brevets américains ou des applications de brevet en attente aux Etats-Unis et dans d'autres pays.

Cette distribution peut comprendre des composants développés par des tierces personnes.

Certaines composants de ce produit peuvent être dérivées du logiciel Berkeley BSD, licenciés par l'Université de Californie. UNIX est une marque déposée aux Etats-Unis et dans d'autres pays; elle est licenciée exclusivement par X/Open Company, Ltd.

Sun, Sun Microsystems, le logo Sun, le logo Solaris, le logo Java Coffee Cup, docs.sun.com, Java et Solaris sont des marques de fabrique ou des marques déposées de Sun Microsystems, Inc. aux Etats-Unis et dans d'autres pays. Toutes les marques SPARC sont utilisées sous licence et sont des marques de fabrique ou des marques déposées de SPARC International, Inc. aux Etats-Unis et dans d'autres pays. Les produits portant les marques SPARC sont basés sur une architecture développée par Sun Microsystems, Inc.

L'interface d'utilisation graphique OPEN LOOK et Sun™ a été développée par Sun Microsystems, Inc. pour ses utilisateurs et licenciés. Sun reconnaît les efforts de pionniers de Xerox pour la recherche et le développement du concept des interfaces d'utilisation visuelle ou graphique pour l'industrie de l'informatique. Sun détient une licence non exclusive de Xerox sur l'interface d'utilisation graphique Xerox, cette licence couvrant également les licenciés de Sun qui mettent en place l'interface d'utilisation graphique OPEN LOOK et qui, en outre, se conforment aux licences écrites de Sun.

Les produits qui font l'objet de cette publication et les informations qu'il contient sont régis par la legislation américaine en matière de contrôle des exportations et peuvent être soumis au droit d'autres pays dans le domaine des exportations et importations. Les utilisations finales, ou utilisateurs finaux, pour des armes nucléaires, des missiles, des armes chimiques ou biologiques ou pour le nucléaire maritime, directement ou indirectement, sont strictement interdites. Les exportations ou réexportations vers des pays sous embargo des Etats-Unis, ou vers des entités figurant sur les listes d'exclusion d'exportation américaines, y compris, mais de manière non exclusive, la liste de personnes qui font objet d'un ordre de ne pas participer, d'une façon directe ou indirecte, aux exportations des produits ou des services qui sont régis par la legislation américaine en matière de contrôle des exportations et la liste de ressortissants spécifiquement designés, sont rigoureusement interdites.

LA DOCUMENTATION EST FOURNIE "EN L'ETAT" ET TOUTES AUTRES CONDITIONS, DECLARATIONS ET GARANTIES EXPRESSES OU TACITES SONT FORMELLEMENT EXCLUES, DANS LA MESURE AUTORISEE PAR LA LOI APPLICABLE, Y COMPRIS NOTAMMENT TOUTE GARANTIE IMPLICITE RELATIVE A LA QUALITE MARCHANDE, A L'APTITUDE A UNE UTILISATION PARTICULIERE OU A L'ABSENCE DE CONTREFACON.

060201@13215

Contents

Preface 9

1 Installing Application Server Software 15

What You Are Installing 15

Installing the Application Server Software 16

▼ To Install on Solaris or Linux 16

▼ To Install on Windows 17

Installing in Silent Mode 18

Creating the Installation Configuration File 18

Modifying the Installation Configuration File 20

Using the Installation Configuration File to Install in Silent Mode 22

▼ To Install in Silent Mode 22

2 Uninstalling Application Server Software 23

Running the Uninstallation Program 23

▼ To Run the Uninstallation Program on Solaris or Linux 23

▼ To Run the Uninstallation Program on Windows 24

Tables

TABLE 1–1 Installation Configuration File Variables 20

Examples

EXAMPLE 1–1 Installation Configuration File 19

Preface

This *Installation Guide* provides instructions for installing the Sun Java™ System Application Server Platform Edition software.

Who Should Use This Book

This guide is intended for system administrators, network administrators, evaluators, application server administrators, web developers, and software developers who want to install the Application Server software.

This guide assumes you are familiar with the following topics:

- Installation of software products
- UNIX, Linux, or Microsoft Windows, depending on your operating system
- Client/server programming model
- Internet and World Wide Web

How This Book Is Organized

TABLE P–1 How This Book Is Organized

Chapter	Description
Chapter 1	Provides instructions for installing Application Server software on UNIX, Linux, and Windows

TABLE P–1 How This Book Is Organized *(Continued)*

Chapter	Description
Chapter 2	Provides instructions for uninstalling Application Server software

Application Server Documentation Set

The Application Server documentation set describes deployment planning and system installation. The URL for Application Server documentation is `http://docs.sun.com/app/docs/coll/1343.2`. For an introduction to Application Server, refer to the books in the order in which they are listed in the following table.

TABLE P–2 Books in the Application Server Documentation Set

Book Title	Description
Release Notes	Late-breaking information about the software and the documentation. Includes a comprehensive, table-based summary of the supported hardware, operating system, JDK, and JDBC/RDBMS.
Quick Start Guide	How to get started with the Application Server product.
Installation Guide	Installing the software and its components.
Developer's Guide	Creating and implementing Java™ 2 Platform, Enterprise Edition (J2EE™ platform) applications intended to run on the Application Server that follow the open Java standards model for J2EE components and APIs. Includes information about developer tools, security, debugging, deployment, and creating lifecycle modules.
J2EE 1.4 Tutorial	Using J2EE 1.4 platform technologies and APIs to develop J2EE applications.
Administration Guide	Configuring, managing, and deploying Application Server subsystems and components from the Administration Console.
Administration Reference	Editing the Application Server configuration file, `domain.xml`.
Upgrade and Migration Guide	Migrating your applications to the new Application Server programming model, specifically from Application Server 6.x and 7. This guide also describes differences between adjacent product releases and configuration options that can result in incompatibility with the product specifications.
Troubleshooting Guide	Solving Application Server problems.
Error Message Reference	Solving Application Server error messages.
Reference Manual	Utility commands available with the Application Server; written in man page style. Includes the `asadmin` command line interface.

Related Books

For other Sun Java System server documentation, go to the following:

- Message Queue documentation
- Directory Server documentation
- Web Server documentation

The URL for all documentation about Java ES and its components is `http://docs.sun.com/prod/entsys.06q3`.

Default Paths and File Names

The following table describes the default paths and file names that are used in this book.

TABLE P–3 Default Paths and File Names

Placeholder	Description	Default Value

install-dir	Represents the base installation directory for Application Server.	Sun Java™ Enterprise System (Java ES) installations on the Solaris™ platform:
		`/opt/SUNWappserver/appserver`
		Java ES installations on the Linux platform:
		`/opt/sun/appserver/`
		Other Solaris and Linux installations, non-root user:
		user's home directory`/SUNWappserver`
		Other Solaris and Linux installations, root user:
		`/opt/SUNWappserver`
		Windows, all installations:
		SystemDrive`:\Sun\AppServer`

TABLE P–3 Default Paths and File Names *(Continued)*

Placeholder	Description	Default Value

domain-root-dir	Represents the directory containing all domains.	Java ES installations on the Solaris platform:
		`/var/opt/SUNWappserver/domains/`
		Java ES installations on the Linux platform:
		`/var/opt/sun/appserver/domains/`
		All other installations:
		install-dir`/domains/`

domain-dir	Represents the directory for a domain. In configuration files, you might see *domain-dir* represented as follows: `${com.sun.aas.instanceRoot}`	*domain-root-dir*`/`*domain-dir*

Typographic Conventions

The following table describes the typographic changes that are used in this book.

TABLE P–4 Typographic Conventions

Typeface	Meaning	Example
`AaBbCc123`	The names of commands, files, and directories, and onscreen computer output	Edit your `.login` file. Use `ls -a` to list all files. `machine_name% you have mail.`
`AaBbCc123`	What you type, contrasted with onscreen computer output	`machine_name%` **`su`** `Password:`
AaBbCc123	A placeholder to be replaced with a real name or value	The command to remove a file is `rm` *filename*.
AaBbCc123	Book titles, new terms, and terms to be emphasized (note that some emphasized items appear bold online)	Read Chapter 6 in the *User's Guide*. A *cache* is a copy that is stored locally. Do *not* save the file.

Symbol Conventions

The following table explains symbols that might be used in this book.

TABLE P–5 Symbol Conventions

Symbol	Description	Example	Meaning
`[ ]`	Contains optional arguments and command options.	`ls [-l]`	The `-l` option is not required.
`{ | }`	Contains a set of choices for a required command option.	`-d {y|n}`	The `-d` option requires that you use either the `y` argument or the `n` argument.
`${ }`	Indicates a variable reference.	`${com.sun.javaRoot}`	References the value of the `com.sun.javaRoot` variable.
-	Joins simultaneous multiple keystrokes.	Control-A	Press the Control key while you press the A key.
+	Joins consecutive multiple keystrokes.	Ctrl+A+N	Press the Control key, release it, and then press the subsequent keys.
→	Indicates menu item selection in a graphical user interface.	File → New → Templates	From the File menu, choose New. From the New submenu, choose Templates.

Accessing Sun Resources Online

The docs.sun.com^{SM} web site enables you to access Sun technical documentation online. You can browse the docs.sun.com archive or search for a specific book title or subject. Books are available as online files in PDF and HTML formats. Both formats are readable by assistive technologies for users with disabilities.

To access the following Sun resources, go to `http://www.sun.com`:

- Downloads of Sun products
- Services and solutions
- Support (including patches and updates)
- Training
- Research
- Communities (for example, Sun Developer Network)

Third-Party Web Site References

Third-party URLs are referenced in this document and provide additional, related information.

Note – Sun is not responsible for the availability of third-party web sites mentioned in this document. Sun does not endorse and is not responsible or liable for any content, advertising, products, or other materials that are available on or through such sites or resources. Sun will not be responsible or liable for any actual or alleged damage or loss caused or alleged to be caused by or in connection with use of or reliance on any such content, goods, or services that are available on or through such sites or resources.

Sun Welcomes Your Comments

Sun is interested in improving its documentation and welcomes your comments and suggestions. To share your comments, go to `http://docs.sun.com` and click Send Comments. In the online form, provide the full document title and part number. The part number is a 7-digit or 9-digit number that can be found on the book's title page or in the document's URL. For example, the part number of this book is 819-4711.

CHAPTER 1

Installing Application Server Software

This guide provides instructions for installing the Sun Java™ System Application Server Platform Edition software. The following topics are discussed:

- "What You Are Installing" on page 15
- "Installing the Application Server Software" on page 16
- "Installing in Silent Mode" on page 18

UNIX installations support both root and non-root user installations. Users of Windows installations should have Power User or Administrator access.

What You Are Installing

There are two different distribution types:

The Application Server product distribution includes the following components:

- Application Server software, including administrative tools and utilities
- Sun Java System Message Queue
- Derby Database Server

The Java™ 2 Platform™, Enterprise Edition (J2EE™) 1.4 product distribution includes the following components:

- All components contained in the Application Server product distribution
- Java™ 2 Platform Edition (J2SE™) Software Development Kit (SDK)
- J2EE™ SDK samples, which includes BluePrints applications, such as Petstore, Adventure Builder, and SmartTicket

Use these instructions to install either distribution.

Installing the Application Server Software

After you have verified that your system meets the requirements specified in the *Sun Java System Application Server Platform Edition 8.2 Release Notes*, use either of the following sets of steps to install the Application Server product.

▼ To Install on Solaris or Linux

Steps

1. **Navigate to the directory where you downloaded the distribution file.**
2. **Change the permission of the distribution file so that you have execute access:**

   `chmod +x` *distribution_filename*

   The distribution file name changes depending upon the distribution, version, and platform, in the format `sjas_pe-`*version*`-`*platform*`.bin` or `j2eeskd-`*version*`-`*platform*`.bin`. For example, for the Linux Application Server distribution, the file is `sjsas_pe-8_2-linux.bin`. For the Linux J2EE distribution, the file is `j2eesdk-1_4_03-linux.bin`.
3. **Run the installation program.**
   - **To run the installation program that uses a graphical interface, at the command prompt type the name of the distribution file:**

     ./distribution_filename
   - **To run the installation program that uses the command-line interface, at the command prompt type the name of the distribution file followed by the `-console` option:**

     ./distribution_filename `-console`
4. **In the Administration Configuration page (or at the command line), enter the following:**
   - Admin User Name—Name of the user who administers the server
   - Password—Admin user's password to access the Admin Server (8-character minimum)
   - Admin Port—Administration port number for default server instance
   - HTTP Port—Port number to access the default server instance
   - HTTPS Port—Secure port number to access the default server instance

5. **In the Installation Options page, select the options that you want.**

   If you select the "Upgrade from Previous Version" checkbox, the upgrade wizard begins after installation is completed. For information about upgrading, see Chapter 3, "Upgrading an Application Server Installation," in *Sun Java System Application Server Platform Edition 8.2 Upgrade and Migration Guide*.

6. **Set the `PATH` environment variable to include the Application Server *install-dir*`/bin` directory.**

7. **Verify the installation by following the instructions in the *Sun Java System Application Server Platform Edition 8.2 Quick Start Guide*, located in *install-dir*`/docs/QuickStart.html` or on docs.sun.com.**

▼ To Install on Windows

Steps

1. **Navigate to the directory where you downloaded the `.exe` file.**

   The executable file name changes depending upon the distribution and version, in the format `sjas_pe-`*version*`-windows.exe` or `j2eeskd-`*version*`-windows.exe`. For example, for the Application Server distribution, the file is `sjsas_pe-8_2-windows.exe`. For the J2EE distribution, the file is `j2eesdk-1_4_03-windows.exe`.

2. **Double click the `.exe` file to start the installation program.**

3. **Follow the instructions on the wizard screens of the installation program.**

4. **In the Administration Configuration page (or at the command line), enter the following:**

   - Administrator User Name—Name of the user who administers the server.
   - Password—Admin user's password to access the Admin Server (8-character minimum).
   - Prompt or Don't Prompt for Administrator User Name—Choosing prompt means that remote `asadmin` commands require a user name.
   - Administration Port—Administration port number for default server instance.
   - HTTP Port—Port number to access the default server instance.
   - HTTPS Port—Secure port number to access the default server instance.

5. **In the Installation Options page, select the options that you want.**

   If you select the "Upgrade from Previous Version" checkbox, the upgrade process begins after installation is completed. For information about upgrading, see Chapter 3, "Upgrading an Application Server Installation," in *Sun Java System Application Server Platform Edition 8.2 Upgrade and Migration Guide*.

6. **If you did not select the corresponding option on the Installation Options screen, set the `PATH` environment variable to include the Application Server *install-dir*`/bin` directory.**

7. **Verify the installation by following the instructions of the *Sun Java System Application Server Platform Edition 8.2 Quick Start Guide*, located in *install-dir*`/docs/QuickStart.html` or on docs.sun.com.**

Installing in Silent Mode

Silent mode installation is non-interactive. You must first provide a configuration file for information that the installer needs. This section includes the following topics:

- "Creating the Installation Configuration File" on page 18
- "Modifying the Installation Configuration File" on page 20
- "Using the Installation Configuration File to Install in Silent Mode" on page 22

Creating the Installation Configuration File

The installation configuration file is created when you use the `savestate` option when you start an interactive installation. During the interactive installation, your input is collected and stored in the configuration file you specified. This file forms the template for silent installation, which you can use later to install the product on one or more machines. If needed, you can modify the installation configuration file.

Creating the Installation Configuration File on Solaris and Linux

For the graphical method the syntax is: `./`*distribution_filename* `-savestate` *filename*

For the command-line method, the syntax is: `./`*distribution_filename* `-console -savestate` *filename*.

If you do not include a path to the installation configuration file, the file is created in the directory where you are running the installation program.

Creating the Installation Configuration File on Windows

To create the installation configuration file on the Windows platform, start the installation program from the command line. Change to the directory where the executable file resides.

For the graphical method the syntax is: *distribution_filename* `-savestate` *filename*

For the command-line method, the syntax is: *distribution_filename* `-console -savestate` *filename*.

If you do not include a path to the installation configuration file, the file is created in the directory where you are running the installation program.

Installation Configuration File Example

The following example shows an installation configuration file created by running the installation program with the `savestate` option.

EXAMPLE 1–1 Installation Configuration File

```
#
# Wizard Statefile created: Wed Nov 30 17:50:29 PST 2005
#              Wizard path: /var/tmp/sjsasAAAw1a4OO/appserv.class
#

#
# Install Wizard Statefile section for Sun Java System Application Server
#
#
[STATE_BEGIN Sun Java System Application Server e5c7a039bcb083631fa96cc06ef
f4b61f393e49e]
defaultInstallDirectory = /SUNWappserver
currentInstallDirectory = /opt/SUNWappserver
JDK_LOCATION = /usr/j2se
INST_ASADMIN_USERNAME = admin
INST_ASADMIN_PASSWORD = nscsttuinhmibiayugqzvanqzva
INST_MASTER_PASSWORD = pnshdkvhicjqyqsvsbxounatrvg
INST_ASADMIN_PORT = 4848
INST_ASWEB_PORT = 8080
INST_HTTPS_PORT = 8181
STORE_ADMIN_AUTH = TRUE
ADMIN_PASSWORD_ENCRYPTED = TRUE
INST_JMS_PORT = 64289
INST_ORB_PORT = 3700
INST_ORB_SSL_PORT = 3820
INST_ORB_MUTUALAUTH_PORT = 3920
INST_JMX_PORT = 8686
CREATE_SAMPLES_DOMAIN = FALSE
CREATE_DESKTOP_SHORTCUT = FALSE
UPDATE_PATH = FALSE
[STATE_DONE Sun Java System Application Server e5c7a039bcb083631fa96cc06ef
f4b61f393e49]
```

Modifying the Installation Configuration File

You can modify the installation configuration file by editing the variables and values described in "Modifying the Installation Configuration File" on page 20. This table provides four columns showing variable names, valid values (if applicable), contents, and comments.

TABLE 1–1 Installation Configuration File Variables

Variable Name	Valid Values (if applicable)	Content	Comments
`defaultInstallDirectory`		Default installation directory path	
`currentInstallDirectory`		Selected installation directory path	
`JDK_LOCATION`		Selected J2SE installation directory path	This entry is needed only for distributions that do not contain a bundled J2SE.
`INST_ASADMIN_USERNAME`		Administrator user name for default server instance	
`INST_ASADMIN_PASSWORD`		Administrator password for default server instance	This entry is obfuscated by default. See also description of `ADMIN_PASSWORD_ENCRYPTED` variable.
`INST_MASTER_PASSWORD`		SSL certificate database password for asadmin operations.	This entry is obfuscated by default. See also description of `ADMIN_PASSWORD_ENCRYPTED` variable.
`INST_ASADMIN_PORT`	0 -65535	Administration server port number for default server instance	
`INST_ASWEB_PORT`	0 -65535	HTTP port number for default server instance	
`INST_HTTPS_PORT`	0 -65535	HTTPS port number for default server instance	
`STORE_ADMIN_AUTH`	TRUE FALSE	Whether to create admin authentication user preference file	

TABLE 1–1 Installation Configuration File Variables *(Continued)*

Variable Name	Valid Values (if applicable)	Content	Comments
ADMIN_PASSWORD_ENCRYPTED	TRUE FALSE	Obfuscated admin password flag	In initial statefile created by product installer this flag is set to TRUE, since the admin password value is obfuscated for security reasons. To override the value for admin password, enter INST_ASADMIN_PASSWORD value in clear text and set this flag to FALSE to enable silent installation to process it correctly.
INST_JMS_PORT	0 -65535	JMS port number for default server instance	If the configuration file does not include this entry, default value of 7676 is used.
INST_ORB_PORT	0 -65535	ORB port number for default server instance	If the configuration file does not include this entry, default value of 3700 is used.
INST_ORB_SSL_PORT	0 -65535	Secure ORB port number for default server instance	If the configuration file does not include this entry, default value of 3820 is used.
INST_ORB_MUTUALAUTH_PORT	0 -65535	Mutual authentication ORB port number for default server instance	If the configuration file does not include this entry, default value of 3920 is used.
INST_JMX_PORT	0 -65535	JMX port number for default server instance	If the configuration file does not include this entry, default value of 8686 is used.
CREATE_SAMPLES_DOMAIN	TRUE FALSE	Whether to create additional samples server domain.	
CREATE_DESKTOP_SHORTCUT	TRUE FALSE	Whether to create autodeploy folder desktop shortcut.	Valid for Windows platforms only and is disregarded otherwise.
UPDATE_PATH	TRUE FALSE	Whether to update PATH environment variable to include Application Server bin directory.	Valid only for Windows platforms and is disregarded otherwise. If this entry is not present, default value of FALSE is used.

Using the Installation Configuration File to Install in Silent Mode

Once you've created the installation configuration file and modified it as needed, use it to install Application Server in silent mode.

▼ To Install in Silent Mode

Steps

1. **Review the configuration file and verify that it contains the values you want to use for your silent installation.**
2. **Copy the installation configuration file to each machine where you plan to install the Application Server software.**
3. **Copy the Application Server distribution file to each machine where you plan to install the Application Server software.**
4. **Navigate to the directory where you copied the distribution file and your installation configuration file.**
5. **Start silent installation at the command line using one of the following command formats:**

   - **On Solaris or Linux: `./`***distribution_filename* **`-silent`** *config_file*
   - **On Windows:** *distribution_filename* **`-silent`** *config_file*

   For example:

   ```
   ./sjsas_pe-8_2-solaris-sparc.bin -silent myconfigfile
   ```

   runs silent installation for the Solaris SPARC® Application Server distribution.

   The installation program reads the specified *config_file*, checks for adequate disk space, then installs the product based on the data in the *config_file*.

   When the prompt is returned, the silent installation is complete and the installation components are installed on your systems.

6. **Start the Application Server software by using the instructions in the** *Sun Java System Application Server Platform Edition 8.2 Administration Guide***.**

CHAPTER 2

Uninstalling Application Server Software

All components in the current Application Server installation directory are automatically selected for uninstallation.

Note –

- It is important to use the uninstall routine described here. If you attempt another method, problems arise when you try to reinstall the same version or when you install a new version.
- If you do not stop all domains before the uninstallation, orphaned processes might exist on your system after the uninstallation. On Windows, these processes interfere with the uninstallation, because the uninstallation program is unable to remove files that are in use. On UNIX, identify the processes using the `ps -ef` command and terminate them using the `kill` command. On Windows, identify the processes using the Task Manager and terminate them using the End Task or End Process buttons.

Running the Uninstallation Program

To uninstall the Application Server software, perform the following steps:

▼ To Run the Uninstallation Program on Solaris or Linux

Before You Begin

Make sure that you have stopped all domains and other related processes, including `deploytool`, command prompts using the installation directory or its subdirectories, and any applications using Java™ 2 Platform, Standard Edition (J2SE™ platform) files bundled with the product.

Steps

1. **Navigate to your Application Server installation directory.**
2. **Invoke the uninstall program as follows:**
   - **To use the uninstall that has a graphical interface, at the command prompt, type:**
     `./uninstall`
   - **To use the uninstall that has a command-line interface, at the command prompt, type:**
     `./uninstall -console`

▼ To Run the Uninstallation Program on Windows

Before You Begin

Make sure that you have stopped all domains and other related processes, including `deploytool`, command prompts using the installation directory or its subdirectories, and any applications using Java™ 2 Platform, Standard Edition (J2SE™ platform) files bundled with the product.

Step

- **Invoke the Uninstallation program in one of the following ways:**
  - **From the Windows Start menu, choose Programs ⇒ Sun Microsystems ⇒ Application Server PE ⇒ Uninstall.**
  - **Invoke the uninstall program through the Control Panel:**
    a. **Navigate to the Control Panel.**
    b. **Choose Add/Remove Programs.**
    c. **From the list of installed programs, select Java 2 Platform Edition 1.4 SDK for SDK distribution, or Sun Java System Application Server Platform Edition for Application Server distribution.**
    d. **Click Remove.**