Sun Java Enterprise System 5 Installation Reference for UNIX

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Part No: 819–4892–10
April 2007

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Contents

Tables

Preface

The *Java Enterprise System Installation Reference* contains the reference information you need to install the Sun Java™ Enterprise System (Java ES) software in a Sun Solaris™ Operating System (Solaris OS), Linux, or HP-UX operating environment. Use this manual in conjunction with the *Sun Java Enterprise System 5 Installation Guide for UNIX*.

Some instructions in the manual are specific to one platform or are different for each platform, in which case, the information is labeled by platform name. Material that is not labeled by platform name applies to all platforms.

Who Should Use This Manual

The material here is intended for any evaluator, system administrator, or software technician who is installing the Java ES software. This manual assumes you are familiar with the following:

- Installation of enterprise-level software products
- System administration and networking on your supported Java ES platform
- Clustering model (if you are installing clustering software)
- Internet and World Wide Web

Contents of This Manual

This manual contains the reference material associated with installation of the Java ES software. The material mainly consists of appendix-like lists and tables. There are no procedures in this document. The following chapters are presented in the order in which they are commonly used:

- Chapter 1. The Java ES distribution bundles are listed by operating system. Each table lists the contents of all bundles associated with that operating system. For instructions on getting the Java ES software, refer to "Getting the Java ES Software" in *Sun Java Enterprise System 5 Installation Guide for UNIX*.
- Chapter 2. The default installation directories and ports are used by the Java ES installer when installing the product components. Alternate locations and ports can be selected in most cases.
- Chapter 3. The configuration information for the Configure Now installation type is listed by product component. Each piece of configuration data is identified by a state file parameter that is used in the state file script for an unattended (silent) installation. In the

tables, these state file parameters are listed with the field names that appear on the screen of an UNIX interactive installation. For information on postinstallation configuration, refer to Chapter 6, "Completing Postinstallation Configuration," in *Sun Java Enterprise System 5 Installation Guide for UNIX*.

- Chapter 4. The configuration worksheets correspond to the information presented in the configuration information chapter. Use the worksheets for gathering configuration information before doing an installation.
- Chapter 5. The installed Java ES packages are listed by operating system. Within each operating system section, packages are listed for the following:
  - Installation
  - Uninstallation
  - Product components
  - Shared components
  - Localized versions

Java ES Documentation Set

The Java ES documentation set describes deployment planning and system installation. The URL for system documentation is `http://docs.sun.com/coll/1286.2`. For an introduction to Java ES, refer to the books in the order in which they are listed in the following table.

TABLE P–1 Java Enterprise System Documentation

Document Title	Contents
Sun Java Enterprise System 5 Release Notes for UNIX *Sun Java Enterprise System 5 Release Notes for Microsoft Windows*	Contains the latest information about Java ES, including known problems. In addition, components have their own release notes listed in the Release Notes Collection (`http://docs.sun.com/coll/1315.2`).
Sun Java Enterprise System 5 Technical Overview	Introduces the technical and conceptual foundations of Java ES. Describes components, the architecture, processes, and features.
Sun Java Enterprise System Deployment Planning Guide	Provides an introduction to planning and designing enterprise deployment solutions based on Java ES. Presents basic concepts and principles of deployment planning and design, discusses the solution life cycle, and provides high-level examples and strategies to use when planning solutions based on Java ES.
Sun Java Enterprise System 5 Installation Planning Guide	Helps you develop the implementation specifications for the hardware, operating system, and network aspects of your Java ES deployment. Describes issues such as component dependencies to address in your installation and configuration plan.

TABLE P–1 Java Enterprise System Documentation *(Continued)*

Document Title	Contents
Sun Java Enterprise System 5 Installation Guide for UNIX *Sun Java Enterprise System 5 Installation Guide for Microsoft Windows*	Guides you through the process of installing Java ES. Also shows how to configure components after installation, and verify that they function properly.
Sun Java Enterprise System 5 Installation Reference for UNIX	Gives additional information about configuration parameters, provides worksheets to use in your configuration planning, and lists reference material such as default directories and port numbers on the Solaris Operating System and Linux operating environment.
Sun Java Enterprise System 5 Upgrade Guide for UNIX *Sun Java Enterprise System 5 Upgrade Guide for Microsoft Windows*	Provides instructions for upgrading to Java ES 5 from previously installed versions.
Sun Java Enterprise System 5 Monitoring Guide	Gives instructions for setting up the Monitoring Framework for each product component and using the Monitoring Console to view real-time data and create monitoring rules.
Sun Java Enterprise System Glossary	Defines terms that are used in Java ES documentation.

Typographic Conventions

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

TABLE P–2 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*.

TABLE P–2 Typographic Conventions *(Continued)*

Typeface	Meaning	Example
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.

Shell Prompts in Command Examples

The following table shows default system prompts and superuser prompts.

TABLE P–3 Shell Prompts

Shell	Prompt
C shell on UNIX and Linux systems	`machine_name%`
C shell superuser on UNIX and Linux systems	`machine_name#`
Bourne shell and Korn shell on UNIX and Linux systems	`$`
Bourne shell and Korn shell superuser on UNIX and Linux systems	`#`
Microsoft Windows command line	`C:\`

Symbol Conventions

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

TABLE P–4 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.

TABLE P–4 Symbol Conventions *(Continued)*

Symbol	Description	Example	Meaning
+	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.

Documentation, Support, and Training

The Sun web site provides information about the following additional resources:

- Documentation (`http://www.sun.com/documentation/`)
- Support (`http://www.sun.com/support/`)
- Training (`http://www.sun.com/training/`)

Searching Sun Product Documentation

Besides searching Sun product documentation from the docs.sun.com℠ web site, you can use a search engine by typing the following syntax in the search field:

search-term `site:docs.sun.com`

For example, to search for "broker," type the following:

```
broker site:docs.sun.com
```

To include other Sun web sites in your search (for example, java.sun.com, www.sun.com, and developers.sun.com), use `sun.com` in place of `docs.sun.com` in the search field.

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 819-4892.

◆ ◆ ◆ CHAPTER 1

Java ES Distribution Bundles

The tables in this chapter list the distribution bundles for the Java ES software. The operating system is indicated in the name of the bundle. For example, `java_es-5-ga-solaris-sparc.zip` indicates the Java ES 5 general availability release for the Solaris SPARC platform. An ISO distribution includes the designation `iso` in the bundle name. For example, `java_es-5ga-solaris-sparc-iso.zip`.

This chapter contains the following sections:

Solaris SPARC Distribution Bundles

TABLE 1–1 Solaris SPARC Distribution Bundles

Distribution Bundle	Contents Included	Bundle Name
Solaris SPARC platform	All product and shared components	`java_es-5-ga-solaris-sparc.zip`
	Installer	
	Uninstaller	

TABLE 1–1 Solaris SPARC Distribution Bundles *(Continued)*

Distribution Bundle	Contents Included	Bundle Name
Application Platform Suite	Access Manager	`java_es-5-appsuite-ga-solaris-sparc.zip`
	Application Server	
	Directory Server	
	Directory Preparation Tool	
	HADB	
	Java DB	
	Message Queue	
	Portal Server	
	Portal Server Secure Remote Access	
	Service Registry	
	Monitoring Console	
	Web Proxy Server	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	
Availability Suite	Sun Cluster Software	`java_es-5-availsuite-ga-solaris-sparc.zip`
	Sun Cluster Agents for Java ES	
	Sun Cluster Geographic Edition	
	All shared components	
	Installer	
	Uninstaller	

TABLE 1–1 Solaris SPARC Distribution Bundles *(Continued)*

Distribution Bundle	Contents Included	Bundle Name
Communications Suite	Access Manager	`java_es-5-commsuite-ga-solaris-sparc.zip`
	Application Server	
	Calendar Server	
	Communications Express	
	Delegated Administrator	
	Directory Preparation Tool	
	Directory Server	
	HADB	
	Instant Messaging	
	Java DB	
	Message Queue	
	Messaging Server	
	Monitoring Console	
	Web Proxy Server	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	

TABLE 1–1 Solaris SPARC Distribution Bundles *(Continued)*

Distribution Bundle	Contents Included	Bundle Name
Identity Management Suite	Access Manager	`java_es-5-identsuite-ga-solaris-sparc.zip`
	Application Server	
	Directory Server EE (includes Directory Server and Directory Proxy Server)	
	Directory Preparation Tool	
	HADB	
	Java DB	
	Message Queue	
	Monitoring Console	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	
Web Infrastructure Suite	Access Manager	`java_es-5-websuite-ga-solaris-sparc.zip`
	Application Server	
	Directory Server EE (includes Directory Server and Directory Proxy Server)	
	Directory Preparation Tool	
	HADB	
	Java DB	
	Message Queue	
	Monitoring Console	
	Service Registry	
	Web Proxy Server	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	

Solaris x86 Distribution Bundles

TABLE 1–2 Solaris x86 Distribution Bundles

Distribution Bundle	Contents Included	Bundle Name
Solaris x86 platform	All product and shared components	`java_es-5-ga-solaris-x86-1.zip`
	Installer	
	Uninstaller	
Application Platform Suite	Access Manager	`java_es-5-appsuite-ga-solaris-x86.zip`
	Application Server	
	Directory Server	
	Directory Preparation Tool	
	HADB	
	Java DB	
	Message Queue	
	Portal Server	
	Portal Server Secure Remote Access	
	Service Registry	
	Monitoring Console	
	Web Proxy Server	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	
Availability Suite	Sun Cluster Software	`java_es-5-availsuite-ga-solaris-x86.zip`
	Sun Cluster Agents for Java ES	
	Sun Cluster Geographic Edition	
	All shared components	
	Installer	
	Uninstaller	

TABLE 1–2 Solaris x86 Distribution Bundles *(Continued)*

Distribution Bundle	Contents Included	Bundle Name
Communications Suite	Access Manager	`java_es-5-commsuite-ga-solaris-x86.zip`
	Application Server	
	Calendar Server	
	Communications Express	
	Delegated Administrator	
	Directory Preparation Tool	
	Directory Server	
	HADB	
	Instant Messaging	
	Java DB	
	Message Queue	
	Messaging Server	
	Monitoring Console	
	Web Proxy Server	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	

TABLE 1–2 Solaris x86 Distribution Bundles *(Continued)*

Distribution Bundle	Contents Included	Bundle Name
Identity Management Suite	Access Manager	`java_es-5-identsuite-ga-solaris-x86.zip`
	Application Server	
	Directory Server EE (includes Directory Server and Directory Proxy Server)	
	Directory Preparation Tool	
	HADB	
	Java DB	
	Message Queue	
	Monitoring Console	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	
Web Infrastructure Suite	Access Manager	`java_es-5-websuite-ga-solaris-x86.zip`
	Application Server	
	Directory Server EE (includes Directory Server and Directory Proxy Server)	
	Directory Preparation Tool	
	HADB	
	Java DB	
	Message Queue	
	Monitoring Console	
	Service Registry	
	Web Proxy Server	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	

Linux Distribution Bundles

TABLE 1–3 Linux x86 Distribution Bundles

Distribution Bundle	Contents Included	Bundle Name
Linux x86 platform	All product and shared components	`java_es-5-ga-linux-x86.zip`
	Installer	
	Uninstaller	
Application Platform Suite	Access Manager	`java_es-5-appsuite-ga-linux-x86.zip`
	Application Server	
	Directory Server	
	Directory Preparation Tool	
	HADB	
	Java DB	
	Message Queue	
	Portal Server	
	Portal Server Secure Remote Access	
	Service Registry	
	Monitoring Console	
	Web Proxy Server	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	

TABLE 1–3 Linux x86 Distribution Bundles *(Continued)*

Distribution Bundle	Contents Included	Bundle Name
Communications Suite	Access Manager	`java_es-5-commsuite-ga-linux-x86.zip`
	Application Server	
	Calendar Server	
	Communications Express	
	Delegated Administrator	
	Directory Preparation Tool	
	Directory Server	
	HADB	
	Instant Messaging	
	Java DB	
	Message Queue	
	Messaging Server	
	Monitoring Console	
	Web Proxy Server	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	

TABLE 1–3 Linux x86 Distribution Bundles *(Continued)*

Distribution Bundle	Contents Included	Bundle Name
Identity Management Suite	Access Manager	`java_es-5-identsuite-ga-linux-x86.zip`
	Application Server	
	Directory Server EE (includes Directory Server and Directory Proxy Server)	
	Directory Preparation Tool	
	HADB	
	Java DB	
	Message Queue	
	Monitoring Console	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	
Web Infrastructure S uite	Access Manager	`java_es-5-websuite-ga-linux-x86.zip`
	Application Server	
	Directory Server EE (includes Directory Server and Directory Proxy Server)	
	Directory Preparation Tool	
	HADB	
	Java DB	
	Message Queue	
	Monitoring Console	
	Service Registry	
	Web Proxy Server	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	

HP-UX Distribution Bundles

TABLE 1–4 HP-UX Distribution Bundles

Distribution Bundle	Contents Included	Bundle Name
HP-UX platform	All product and shared components	`java_es-5-ga-hpux-parisc.zip`
	Installer	
	Uninstaller	
Application Platform Suite	Access Manager	`java_es-5-appsuite-ga-hpux-parisc.zip`
	Application Server	
	Directory Server	
	HADB	
	Java DB	
	Message Queue	
	Monitoring Console	
	Portal Server	
	Portal Server Secure Remote	
	Service Registry	
	Web Proxy Server	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	

TABLE 1–4 HP-UX Distribution Bundles *(Continued)*

Distribution Bundle	Contents Included	Bundle Name
Identity Management Suite	Access Manager	`java_es-5-identsuite-ga-hpux-parisc.zip`
	Application Server	
	Directory Server EE (includes Directory Server and Directory Proxy Server)	
	HADB	
	Java DB	
	Message Queue	
	Monitoring Console	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	
Web Infrastructure Suite	Access Manager	`java_es-5-websuite-ga-hpux-parisc.zip`
	Application Server	
	Directory Server EE (includes Directory Server and Directory Proxy Server)	
	HADB	
	Java DB	
	Message Queue	
	Monitoring Console	
	Service Registry	
	Web Proxy Server	
	Web Server	
	All shared components	
	Installer	
	Uninstaller	

◆ ◆ ◆ CHAPTER 2

Default Installation Directories and Ports

This chapter lists the installation directories and port numbers that the Sun Java™ Enterprise System (Java ES) installer uses by default.

This chapter contains the following sections:

Default Installation Directories

The Java ES installer automatically installs product components in default directories unless you specify otherwise. In most cases, you can specify a custom location to override a default location when you are specifying configuration values during or after installation. Use the default installation directory when installing product components, if possible. If you specify an alternative installation directory, you are responsible for consistently pointing components to that installation directory during configuration.

Note – The installation directories for the following components cannot be changed: HADB, Java DB, Message Queue, Monitoring Console, Sun Cluster components.

The following table lists the default installation directories for the Java ES product components.

TABLE 2–1 Default Installation Directories for Product Components

Label and State File Parameter	Default Directory	Comment
Access Manager	Solaris OS: `/opt/SUNWam`	
`CMN_IS_INSTALLDIR`	Linux and HP-UX: `/opt/sun/identity`	

TABLE 2–1 Default Installation Directories for Product Components *(Continued)*

Label and State File Parameter	Default Directory	Comment
Application Server `CMN_AS_INSTALLDIR`	Solaris OS: `/opt/SUNWappserver/appserver` Linux and HP-UX: `/opt/sun/appserver`	Contains Application Server utilities, executables, and libraries.
Application Server Domains `CMN_AS_DOMAINDIR`	Solaris OS: `/var/opt/SUNWappserver/domains` Linux and HP-UX: `/var/opt/sun/appserver/domains`	Default area under which administrative domains are created.
Directory Preparation Tool `CMN_DSSETUP_INSTALLDIR`	Solaris OS: `/opt/SUNWcomds` Linux: `/opt/sun/comms/dssetup`	Directory Preparation Tool is not supported on HP-UX.
Directory Server Core `DSEE_BASE`	Solaris OS: `/opt/SUNWdsee/ds6` Linux and HP-UX: `/opt/sun/ds6`	Separately located subcomponents of Directory Server EE include Directory Server Core, Directory Service Control Center, and Directory Proxy Server.
Directory Service Control Center `DSEE_BASE`	Solaris OS: `/opt/SUNWdsee/dscc6` Linux and HP-UX: `/opt/sun/dscc6`	
Directory Proxy Server `DSEE_BASE`	Solaris OS: `/opt/SUNWdsee/dps6` Linux and HP-UX: `/opt/sun/dps6`	
Directory Server Instance Directory `DSEE_INSTANCE_DIR`	Solaris OS: `/var/opt/SUNWdsee/dsins1` Linux and HP-UX: `/var/opt/sun/dsins1`	
HADB `CMN_HADB_INSTALLDIR` You cannot change the installation directory, so there is no field in the installer or parameter in the state file.	Solaris OS: `/opt/SUNWhadb` Linux and HP-UX: `/opt/SUNWhadb`	HADB install locations are not relocatable in Java ES installation.
	Solaris OS: `/var/opt/SUNWhadb` Linux and HP-UX: `/var/opt/SUNWhadb`	HADB Repository Data and Log location.
	Solaris OS: `/etc/opt/SUNWhadb` Linux and HP-UX: `/etc/opt/SUNWhadb`	HADB Management Agent Config File
	Solaris OS and Linux: `/etc/init.d/ma-initd`	HADB Management Agent Startup Script
Java DB `JAVADB_BASDIR` You cannot change the installation directory, so there is no field in the installer or parameter in the state file.	Solaris: `/opt/SUNWjavadb` Linux and HP-UX: `/opt/sun/javadb`	

TABLE 2–1 Default Installation Directories for Product Components *(Continued)*

Label and State File Parameter	Default Directory	Comment

Message Queue
 	
You cannot change the installation directory, so there is no field in the installer or parameter in the state file.
	Not applicable	Solaris OS:
		
		`/usr/bin`
		
		`/usr/share/lib`
		
		`/usr/share/lib/imq`
		
		`/etc/imq`
		
		`/var/imq`
		
		`/usr/share/javadoc/imq`
		
		`/usr/demo/imq`
		
		`/opt/SUNWimq`
		
		Linux and HP-UX:
		
		`/opt/sun/mq`
		
		`/etc/opt/sun/mq`
		
		`/var/opt/sun/mq`

Monitoring Console `CMN_MC_INSTALLDIR` You cannot change the installation directory so there is no field in the installer or parameter in the state file.	Solaris OS: `/opt/SUNWjesmc` Linux and HP-UX: `/opt/sun/jesmc`	
Portal Server `CMN_PS_INSTALLDIR`	Solaris OS: `/opt/SUNWportal` Linux and HP-UX: `/opt/sun/portal`	
Portal Server Secure Remote Access `CMN_SRA_INSTALLDIR`	Solaris OS: `/opt/SUNWportal` Linux and HP-UX: `/opt/sun/portal`	Portal Server Secure Remote Access Core must be installed in the same directory as Portal Server.
Service Registry `CMN_REG_SERVER_ROOT`	Solaris OS: `/opt/SUNWsrvc-registry` Linux and HP-UX: `/opt/sun/srvc-registry`	

TABLE 2–1 Default Installation Directories for Product Components *(Continued)*

Label and State File Parameter	Default Directory	Comment

Sun Cluster
You cannot change the installation directory, so there is no field in the installer or parameter in the state file.
	Not applicable	Sun Cluster components are only supported on Solaris OS.
		Sun Cluster software is installed in the following locations on Solaris OS:
		`/`
		`/usr/opt`
		`/usr/cluster`

Web Proxy Server `CMN_WPS_INSTALLDIR`	Solaris OS: `/opt/SUNWproxy` Linux and HP-UX: `/opt/sun/webproxyserver`	
Web Server Directory `CMN_WS_INSTALLDIR`	Solaris OS: `/opt/SUNWwbsvr7` Linux and HP-UX: `/opt/sun/webserver7`	
Web Server Instance Directory `CMN_WS_INSTANCEDIR`	Solaris OS: `/var/opt/SUNWwbsvr7` Linux and HP-UX: `/var/opt/sun/webserver7`	

Default Port Numbers

When the Java ES installer requests a port number, the installer performs a runtime check on the ports in use and displays an appropriate default value. If the default port number is being used by another component or by another instance of the same product component, the installer presents an alternative value.

The following table lists the default Java ES product component port numbers and the purpose of each port.

Note – Portal Server is not listed in this table because it uses the port numbering of the web container into which it is deployed.

TABLE 2–2 Default Port Numbers

Product Component	Port	Purpose
Access Manager	58946	UNIX authentication helper
	58943	Secure ID authentication helper (Solaris SPARC only)

TABLE 2–2 Default Port Numbers *(Continued)*

Product Component	Port	Purpose
Application Server	8080	Standard instance HTTP port
	3700	Standard IIOP port
	4849	Administration Server HTTPS port
	7676	Standard Message Queue port
	8686	JMX port
	8181	Standard instance HTTPS port
Common agent container	11162	JMX port (TCP)
	11161	SNMP Adaptor port (UDP)
	11162	SNMP Adaptor port for traps (UDP)
	11163	Commandstream Adaptor port (TCP)
	11164	RMI Connector port (TCP)
Common agent container for Sun Cluster and Sun Cluster Geographic Edition	10162	JMX port (TCP)
	10161	SNMP Adaptor port (UDP)
	10162	SNMP Adaptor port for traps (UDP)
	10163	Commandstream Adaptor port (TCP)
	10164	RMI Connector port (TCP)
Directory Proxy Server	389	Standard LDAP listener
	636	LDAPS over SSL
Directory Server	389	Standard LDAP listener
	636	LDAPS over SSL
Directory Server Control Center	6789	Sun Java Web Console listener
HADB	1862	Management Agent Port (JMX)
	15200	Default Portbase
Java DB	1527	Also for Apache Derby

TABLE 2–2 Default Port Numbers *(Continued)*

Product Component	Port	Purpose
Message Queue	80	Standard HTTP port
	7676	Port Mapper
	7674	HTTPS Tunneling Servlet Port
	7675	HTTP Tunneling Servlet Port
Monitoring Console	6789	Accessed through Sun Java Web Console
	8765	Job Factories port for Master Agent Web Services Adaptor
	11161	SNMP port for Monitoring Framework
	11164	RMI port for Monitoring Framework
	54320	Multicast port for Monitoring Framework discovery protocol
Portal Server Secure Remote Access	8080	Standard HTTP Port
	443	HTTP over SSL
	10443	Rewriter Proxy port
	10555	Netlet Proxy port
Service Registry	6480	HTTP port
	6443	HTTPS port
	6484	Message Queue Port
	6485	IIOP port
	6486	IIOP SSL port
	6487	IIOP Mutual Authentication port
	6488	JMX port
	6489	Application Server domain administration port

TABLE 2–2 Default Port Numbers *(Continued)*

Product Component	Port	Purpose
Sun Cluster Software	23	Use Telnet port 23 for Sun Fire 15000 system controller
	161	Simple Network Management Protocol (SNMP) agent communication port
	3000	SunPlex Installer port
	5000–5010	Console access port (Add 5000 to the physical port number.)
	6789	SunPlex Manager accessed through Sun Java Web Console
	8059–8062	Cluster private interconnect
Web Proxy Server	8888	Administration Port
	8080	Proxy Instance Port
Web Server	8800	Admin HTTP port
	8989	Admin SSL port. For Admin Server, SSL port is required, HTTP port is optional.
	80	Instance HTTP port

◆ ◆ ◆ CHAPTER 3

Configuration Information

This chapter describes the information you need to provide to the Sun Java™ Enterprise System (Java ES) installer for configuring components during installation.

This chapter contains the following sections:

How to Use This Chapter

This chapter provides configuration information for the product components that can be configured during installation (Configure Now). Use this chapter in conjunction with the worksheets in Chapter 4.

For a Configure Later Installation

If you select the Configure Later installation type, little is required during installation.

Note – The following components cannot be configured by the Java ES installer and, therefore, must be configured after installation: Directory Proxy Server, Java DB, Monitoring Console, Service Registry, and Sun Cluster components.

After installation, refer to Chapter 6, "Completing Postinstallation Configuration," in *Sun Java Enterprise System 5 Installation Guide for UNIX* for guidance on configuring these product components.

For a Configure Now Installation

In a Configure Now installation, the Java ES installer displays configuration pages for the selected components that are configurable during installation. You can accept default information or enter alternate information. If you specify alternates, you are responsible for consistently pointing components to that directory or port during configuration. The default common server settings for a Configure Now installation are contained in "Common Settings" on page 43. You can also use individual component configurators to make additional changes.

To complete the postinstallation configuration for components that can be configured during installation, you will most likely use the tables and worksheets in this manual in addition to the instructions in Chapter 6, "Completing Postinstallation Configuration," in *Sun Java Enterprise System 5 Installation Guide for UNIX*.

Configuration Information Provided by the Installer

At the end of an installation session, a summary file contains the configuration values that are set during installation. You can view this file from the final page of the installer, or from the directory where the file is saved:

Solaris OS: `/var/sadm/install/logs`
Linux and HP-UX: `/var/opt/sun/install/logs`

Using the Configure Now Configuration Tables

The tables in this chapter have two columns: Label and State File Parameter, and Description. The Label and State File Parameter column contains the following information:

- **Label.** This is the text that identifies information in the pages of the interactive graphical installer, usually a label on an input field. The text-based installer uses similar terminology.
- **State File Parameter.** A state file parameter is the key that identifies the information in a silent installation state file. State file parameters are uppercase and appear in monospace font. For example, `AS_ADMIN_USER_NAME`.

Tip – A good way to see how the parameters are used is to examine the example state file in Appendix C, "Example State File," in *Sun Java Enterprise System 5 Installation Guide for UNIX*.

The Description column describes the parameter listed in the Label and State File Parameter column. If a default applies to the parameter, the default value is listed. Default values apply to all installer modes, unless the description provides a separate value for a silent mode state file. State file values are case sensitive except where noted. Other information is provided as it applies to that parameter, such as examples, paths, or notes explaining anything you need to be aware of about that parameter.

If you are using this chapter as an aid for answering configuration questions posed by the installer during a Configure Now installation, do the following:

1. Locate the section in this chapter that describes that product component.
2. Find the table whose content matches the installer page being displayed. A table contains all the fields and questions contained on a single page of the installer.
3. If you are using this chapter to get information about parameters in a state file, do the following:
   - If you are using the guide online, use the HTML or PDF search feature to find the parameter string.
   - If you are using a printed book, refer to the index. The index contains an entry for each parameter name, either under the parameter name itself, or under the State File Parameters entry.

Configuration Terminology

During installation and configuration, you are prompted for values relating to various types of domains, organizations, and related configuration information.

- **Domain Name System (DNS).** The Domain Name System (DNS) is a distributed internet directory service. DNS is used mostly to translate between domain names and IP addresses, and to control email delivery.
- **DNS Domain Name.** A DNS domain name identifies a group of servers on a network. Examples of domain names: `example.com`, `red.example.com`
- **Fully Qualified Domain Name (FQDN).** An FQDN is the human-readable name corresponding to the TCP/IP address of a network interface, as found on a server, router, or other networked device. An FQDN for a server includes both its host name and its domain name. Example of a FQDN for a server: `myComputer.example.com`
- **Host Name.** The host name is a unique name by which a server is known on a network. A host name can be represented as the combination of a server's local name with its organization's domain name. This representation is also the FQDN for the server. Within

the context of a domain, a host name can be represented solely by its local name. This is because the local name must be unique within the domain. Examples of host names:

- FQDN representation: `myComputer.red.example.com`
- Local name representation which is unique within `red.example.com` domain: `myComputer`

- **Configuration Directory.** An instance of Directory Server that stores configuration information for various administration domains. The administration server accesses the configuration directory when administering these domains. The base suffix of the subtree that holds configuration information is always `o=NetscapeRoot`.
- **User/Group Directory.** An instance of Directory Server that stores information about organizations in an LDAP hierarchy. Typically, organizations are represented by their DNS domain names in the LDAP hierarchy. Each organization in the hierarchy might contain entries representing people, organizational units, printers, documents, and so on.
- **Administration Domain.** A set of servers represented in a Directory Server configuration directory server and administered through the Sun Java System Server Console. Typically, an administration domain is represented in the LDAP hierarchy with its DNS domain name, but you can use any name to represent the group of servers that make up the administration domain.
- **Email Domain.** A unique domain in DNS that is used for routing email. An email domain for an organization can be its DNS domain name, but can also be another domain used to route email. For example: DNS Domain: `example.com` Email Domain: `sfbay.example.com` (In Sun's LDAP Schema 2, the email domain is represented in the User/Group directory as an attribute of an organization.)
- **Authentication Domain.** In Access Manager, circle of trust is implemented as an authentication domain. An authentication domain is not a DNS domain. In Access Manager, an authentication domain describes entities that are grouped together for the purposes of identity federation.
- **Organization DN.** The unique name of an organization in the LDAP hierarchy of a User/Group directory. Typically, organizations are represented by their DNS domain names in the LDAP hierarchy by using the `o`, `ou`, or `dc` LDAP attributes. An organization can contain sub-organizations.
- **Directory Manager.** The privileged Directory Server administrator, comparable to the root user in UNIX. The default Directory Manager DN is cn=Directory Manager but can be changed. During installation and configuration, you must supply the Directory Manager DN and password to make changes to the LDAP configuration.

Common Settings

When you install product components using the Configure Now option, the installer presents pages that allow you to specify how some common settings are to be handled during install-time configuration:

Caution – In a state file created for silent install, the variables can specify sensitive data, such as administrator passwords. Make sure to protect the file as appropriate for your deployment.

Password Choice

For a Configure Now installation, the Password Choice page allows you to specify a single administrator account and password for all the product components that use the administrator settings.

TABLE 3–1 Password Choice

Label and State File Parameter	Description
Choose to use a default admin account and password. `USE_DEFAULT_PASSWORD`	For a Configure Now installation, allows you to specify a single administrator account and password for all product components. If you accept this default, you will not be prompted for this data on subsequent configuration pages. If you choose to use different administrator accounts for each product component, you will be prompted for the administrator account and password on the component configuration pages. The default value is `true`. Note: In the Java ES installer, white space cannot be used in admin passwords, nor can the following symbols: `; & ( ) ! | < > ' " $ ^ \ # / , @ %`

Common Server Settings

Common server settings are used to provide default values for the product components that use the settings.

On the configuration pages of the installer, the notation “Shared default value” indicates which setting are default values from the Common Server Settings page. You can accept the default value or you can override it by entering a value that is specific to the product component you are configuring.

TABLE 3–2 Common Server Settings

Label and State File Parameter	Description
Host Name `CMN_HOST_NAME`	The host name of the host on which you are installing Java ES components. Output of the `hostname` command. For example: `thishost`
DNS Domain Name `CMN_DOMAIN_NAME`	Domain for the host on which you are installing. Domain name of this computer as registered in the local DNS server. This format should be subdomain.domain.com. Example, `example.com`.
Host IP Address `CMN_IPADDRESS`	The IP address of the host on which you are installing, that is, the local host. For example: 127.51.91.192
Administrator User ID `CMN_ADMIN_USER`	Default user ID for the administrator for all components being installed. For example: `admin` Note: If you chose to use a single administrator account, this field is not present.
Administrator Password `CMN_ADMIN_PASSWORD`	Default password for the administrator for all components being installed. There is no default value. The password must have at least eight character. Note: If you chose to use a single administrator account, this field is not present. Note: In the Java ES installer, white space cannot be used in admin passwords, nor can the following symbols: `; & ( ) ! | < > ’ “ $ ^ \ # / , @ %`
System User `CMN_SYSTEM_USER`	User ID (UID) under which component processes run. The default value is `root`.
System Group `CMN_SYSTEM_GROUP`	Group ID (GID) of the system user. The default value is `root`.

Access Manager Configuration Information

The Java ES installer supports the installation of these subcomponents of Access Manager:

Note – Access Manager SDK is automatically installed as part of Identity Management and Policy Services Core, but the SDK can also be installed separately on a remote host. For information about separate installation of Access Manager SDK, refer to "Access Manager SDK Configuration Information" on page 56

Access Manager Administration Information

TABLE 3–3 Access Manager Administration Information

Label and State File Parameter	Description
Install type `AM_REALM`	Indicates whether or not to use Realm mode as the install type for the installation. The install type indicates the level of interoperability with other components. You have a choice of Realm mode (version 7.x style) or Legacy mode (version 6.x style). The default value is disabled, which means Legacy mode will be used. (`AM_REALM` should be set to Enabled for Realm mode and should be set to Disabled for Legacy mode.) Note: When you are installing Access Manager with Portal Server, you can select either Realm (Access Manager 7.x compatible) mode or Legacy (6.x compatible) mode for Access Manager (ignoring the installer message that says Legacy mode is required for Portal Server). However, Portal Server supports Realm mode only if Directory Server and Access Manager SDK are already installed and configured. If you are using Communications products, Legacy mode is required.

TABLE 3–3 Access Manager Administration Information *(Continued)*

Label and State File Parameter	Description
Administrator User ID `IS_ADMIN_USER_ID`	Access Manager top-level administrator. This user has unlimited access to all entries managed by Access Manager. The default name, `amadmin`, cannot be changed. This ensures that the Access Manager administrator role and its privileges are created and mapped properly in Directory Server, allowing you to log onto Access Manager immediately after installation.
Administrator Password `IS_ADMINPASSWD`	Password of the `amadmin` user. The value must have at least eight characters.
LDAP User ID `IS_LDAP_USER`	Bind DN user for LDAP, Membership, and Policy services. This user has read and search access to all Directory Server entries. The default user name, `amldapuser`, cannot be changed.
LDAP Password `IS_LDAPUSERPASSWD`	Password of the `amldapuser` user. This password must be different from the password of the `amadmin` user. It can be any valid Directory Service password.
Password Encryption Key `AM_ENC_PWD`	A string that Access Manager uses to encrypt user passwords. The interactive installer generates a default password encryption key. You can accept the default value or specify any key produced by a J2EE random number generator. The password encryption key can be blank or at least 12 characters long. During Access Manager installation, its property file is updated and the property `am.encryption.pwd` is set to this value. The property file is `AMConfig.properties` . Location is: Solaris OS: `/etc/opt/SUNWam/config` Linux and HP-UX: `/etc/opt/sun/identity/config` All Access Manager subcomponents must use the same encryption key that the Identity Management and Policy Services Core uses. If you are distributing Access Manager subcomponents across hosts and installing Administration Console or Common Domain Services for Federation Management, copy the value for `am.encryption.pwd` as generated by the installation of the core, and paste the value into this field.

Access Manager Web Container Information

The Identity Management and Policy Services Core subcomponent of Access Manager runs in a web container, usually Web Server or Application Server.

Note – Access Manager can also run in a third-party web container, specifically IBM WebSphere Application Server or BEA WebLogic Server. After installing Access Manager with the Configure Later option, you then run the `amconfig` script to do postinstallation configuration. You must follow the IBM or BEA documentation to install and configure the third-party web container.

The information that the installer needs is different for each web container:

Access Manager With Application Server

This section describes the information that the installer needs when Application Server is the web container for the Identity Management and Policy Services Core subcomponent of Access Manager.

TABLE 3–4 Access Manager With Application Server as Web Container

Label and State File Parameter	Description
Secure Server Instance Port `IS_IAS81INSTANCE_PORT`	Port on which Application Server listens for connections to the instance. The default value is `8080`. If you make a selection that does not correspond to the protocol set earlier for Application Server, an error is displayed. You must resolve the situation before continuing.
Secure Administrator Server Port `IS_IAS81_ADMINPORT`	Port on which the administration server for Application Server listens for connections. The default value is `4849`.
Administrator User ID `IS_IAS81_ADMIN`	User ID of the Application Server administrator. The default value is the administrator user ID you provided under Common Server settings. Note: If you chose to use a single administrator account, this field is not present.
Administrator Password `IS_IAS81_ADMINPASSWORD`	The default value is the administrator password you provided under Common Server settings. Note: If you chose to use a single administrator account, this field is not present. Note: In the Java ES installer, white space cannot be used in admin passwords, nor can the following symbols: `; & ( ) ! | < > ' " $ ^ \ # / , @ %`

Access Manager With Web Server

This section describes the information that the installer needs when Web Server is the web container for the Identity Management and Policy Services Core subcomponent of Access Manager.

TABLE 3–5 Access Manager With Web Server as Web Container

Label and State File Parameter	Description
Host Name `IS_WS_HOST_NAME`	The fully qualified domain name for the host. For example, if this host is `siroe.example.com`, this value is `siroe.example.com`. The default value is the fully qualified domain name for the current host.
Administrator User ID `IS_WS_ADMIN_ID`	User ID of the Web Server administrator. The default value is the administrator user ID you provided under Common Server settings. Note: If you chose to use a single administrator account, this field is not present.
Administrator Password `IS_WS_ADMIN_PASSWORD`	Password of the Web Server master administrator. The default value is the administrator password you provided under Common Server settings. Note: If you chose to use a single administrator account, this field is not present. Note: In the Java ES installer, white space cannot be used in admin passwords, nor can the following symbols: `; & ( ) ! | < > ' " $ ^ \ # / , @ %`

Document Root Directory
`IS_WS_DOC_DIR`
	Directory where Web Server stores content documents.
	Solaris OS:
	`/var/opt/SUNWwbsvr7/https-`*hostname.domain*`/docs`
	Linux and HP-UX:
	`/var/opt/sun/webserver7/https-`*hostname.domain*`/docs`

Web Server Port `IS_WS_INSTANCE_PORT`	Port on which Web Server administration instance listens for HTTPS connections. If this port is in use, you are presented with a choice of available ports. Default value is 80.

TABLE 3–5 Access Manager With Web Server as Web Container *(Continued)*

Label and State File Parameter	Description
Web Server Instance Directory `IS_WS_INSTANCE_DIR`	Path to the directory where an instance of Web Server is installed, using the following syntax: *WebServer-base*`/https-`*webserver-instancename* If you are installing Web Server in this session, the default value for *WebServer-base* is the Web Server instance directory: Solaris OS: `/var/opt/SUNWwbsvr7` Linux and HP-UX: `/var/opt/sun/webserver7`
Web Server Protocol `IS_WS_PROTOCOL`	Protocol specified for Web Server to listen on the Web Server port. A secure port uses the HTTPS protocol. A non-secure port uses HTTP. The default value is HTTP.

Access Manager Services

The installer needs different information about Access Manager services for the following Access Manager subcomponents.

- "Access Manager Web Container Information" on page 49
- "Access Manager Console Information for Services" on page 50
- "Installing Access Manager Console (Core Already Installed)" on page 52
- "Installing Access Manager Console (Core Not Already Installed)" on page 52
- "Installing Federation Management (Core Already Installed)" on page 54

Access Manager Web Container Information

This section describes the services information that the installer needs when you are specifying web container details.

TABLE 3–6 Access Manager Services Information for Specifying Web Container

Label and State File Parameter	Description
Host Name `IS_SERVER_HOST`	Fully qualified domain name of the host on which you are installing Java ES. The default value is the fully qualified domain name of the local host.

TABLE 3–6 Access Manager Services Information for Specifying Web Container *(Continued)*

Label and State File Parameter	Description
Services Deployment URI `SERVER_DEPLOY_URI`	Uniform Resource Identifier (URI) prefix for accessing the HTML pages, classes, and JAR files associated with the Identity Management and Policy Services Core subcomponent. This URI is used to access the realm (Access Manager 7.x compatible) console. The default value is `amserver`. Do not enter a leading slash.
Common Domain Deployment URI `CDS_DEPLOY_URI`	URI prefix for accessing the common domain services on the web container. The default value is `amcommon`. Do not enter a leading slash.
Cookie Domain `COOKIE_DOMAIN_LIST`	The names of the trusted DNS domains that Access Manager returns to a browser when Access Manager grants a session ID to a user. You can scope this value to a single top-level domain, such as `example.com`. The session ID will provide authentication for all subdomains of example.com. Alternatively, you can scope the value to a comma-separated list of subdomains, such as `.corp.example.com,.sales.example.com`. The session ID will provide authentication for all subdomains in the list. A leading dot (`.`) is required for each domain in the list. The default value is the current domain, prefixed by a dot (`.`).
Password Deployment URI `PASSWORD_SERVICE_DEPLOY_URI`	URI that determines the mapping that the web container running Access Manager will use between a string you specify and a corresponding deployed application. This is the URI for the Access Manager password reset service. The default value is `ampassword`. Do not enter a leading slash.
Console Protocol `CONSOLE_PROTOCOL`	Protocol specified for Web Server to listen on the Web Server port. A secure port uses the HTTPS protocol. A non-secure port uses HTTP. The default value is HTTP.

Access Manager Console Information for Services

This section describes the services information the installer needs for the Access Manager console.

TABLE 3–7 Access Manager Services Information for Access Manager Console

Label and State File Parameter	Description

Administration Console:
Deploy new console or use existing console
`USE_DSAME_SERVICES_WEB_CONTAINER`
`CONSOLE_REMOTE`
	Choose Deploy new console to deploy the console into the web container of the host on which Access Manager is being installed.
	Choose Use existing console to use an existing console that is, or will be, deployed on a remote host in Realm mode. The default value is False.
	In both cases, you specify the Console Deployment URI and Password Deployment URI. If you choose to use an existing console, you must also specify the Console Host Name and Console Port.

Console Deployment URI `CONSOLE_DEPLOY_URI`	URI prefix for accessing the HTML pages, classes, and JAR files associated with the Access Manager Legacy mode (Access Manager 6.x compatible) console. Only applies to Legacy mode. The default value is `amconsole`. Note: If `AM_REALM` is enabled (setting Realm mode 7.x), then `CONSOLE_DEPLOY_URI` is ignored.
Console Host Name `CONSOLE_HOST`	Fully qualified domain name for the server hosting the existing console. This value is not needed if you are deploying a new console. In graphical installation mode, you can edit the field only if you are using an existing console. The default value contains the value that you provided for Host (`IS_SERVER_HOST`), a dot, and then the value that you provided for DNS Name in the Common Server Settings. For example, if the host is `siroe` and the domain is `example.com`, the default value is `siroe.example.com`.
Console Port `CONSOLE_PORT`	Port on which the existing console is listening or will listen for connections. Permitted values are any valid and unused port number, in the range 0 (zero) through 65535. This value is not needed if you are deploying a new console. In graphical installation mode, you can edit the field only if you are using an existing console. The default value is the value you provided for one of the following web container ports: ■ Web Server default value is `80`. ■ Application Server default value is `8080`.

Installing Access Manager Console (Core Already Installed)

This section describes the services information the installer needs when the following are both true:

- You are installing only the Access Manager Administration Console subcomponent.
- The Identity Management and Policy Services Core subcomponent is already installed on the same host.

Note – You can only install AM Console by itself in Realm mode (Access Manager 7.x compatible). This cannot be done in Legacy mode (6.x compatible).

TABLE 3–8 Access Manager Services Information for Installing Console Only (Core Already Installed)

Label and State File Parameter	Description
Console Deployment URI `CONSOLE_DEPLOY_URI`	URI prefix for accessing the HTML pages, classes and JAR files associated with the Access Manager Legacy mode (Access Manager 6.x compatible) console. Only applies to Legacy mode. The default value is `amconsole`. If `AM_REALM` is enabled (setting Realm mode 7.x), then `CONSOLE_DEPLOY_URI` is ignored.
Password Services Deployment URI `PASSWORD_SERVICE_DEPLOY_URI`	URI that determines the mapping that the web container running Access Manager will use between a string you specify and a corresponding deployed application. This is the URI for the Access Manager password reset service. The default value is `ampassword`. Do not enter a leading slash.

Installing Access Manager Console (Core Not Already Installed)

This section describes the services information the installer needs when the following are both true:

- You are installing only the Access Manager Administration Console subcomponent.
- The Identity Management and Policy Services Core subcomponent is not installed on the same host.

TABLE 3–9 Access Manager Services Information for Installing Console (Core Not Already Installed)

Label and State File Parameter	Description
Web Container for Access Manager Administration Console	

TABLE 3–9 Access Manager Services Information for Installing Console (Core Not Already Installed) *(Continued)*

Label and State File Parameter	Description
Console Host Name `CONSOLE_HOST`	Fully qualified domain name for the host on which you are installing.
Console Deployment URI `CONSOLE_DEPLOY_URI`	URI prefix for accessing the HTML pages, classes and JAR files associated with the Access Manager Legacy mode (Access Manager 6.x compatible) Console. Only applies to Legacy mode. The default value is `amconsole`. If `AM_REALM` is enabled (setting Realm mode 7.x), then `CONSOLE_DEPLOY_URI` is ignored.
Password Services Deployment URI `PASSWORD_SERVICE_DEPLOY_URI`	Deployment URI for the password service. The default value is `ampassword`. Do not enter a leading slash.
Web Container for Access Manager Services	
Services Host Name `IS_SERVER_HOST`	Fully qualified domain name of the host where the Identity Management and Policy Services Core subcomponent is installed. The default value is the fully qualified domain name of this host. Use the default value as an example of format only, and edit the value to supply the correct remote host name. In a state file, supply the fully qualified domain name of a remote host.
Port `CONSOLE_PORT`	Port on which the Identity Management and Policy Services Core subcomponent listens for connections. This port is the HTTP or HTTPS port used by the web container.
Services Deployment URI `SERVER_DEPLOY_URI`	URI prefix for accessing the HTML pages, classes, and JAR files associated with the Identity Management and Policy Services Core subcomponent. This URI is used to access the realm (Access Manager 7.x compatible) console. The default value is `amserver`. Do not enter a leading slash.

TABLE 3–9 Access Manager Services Information for Installing Console (Core Not Already Installed) *(Continued)*

Label and State File Parameter	Description
Cookie Domain `COOKIE_DOMAIN_LIST`	The names of the trusted DNS domains that Access Manager returns to a browser when Access Manager grants a session ID to a user. You can scope this value to a single top-level domain, such as `example.co` m. The session ID will provide authentication for all subdomains of example.com. Alternatively, you can scope the value to a comma-separated list of subdomains, such as `.corp.example.com`. The session ID will provide authentication for all subdomains in the list. A leading dot (`.`) is required for each domain. The default value is the current domain, prefixed by a dot (`.`).

Installing Federation Management (Core Already Installed)

This section describes the services information the installer needs when you are installing only the Common Domain Services for Federation Management subcomponent.

TABLE 3–10 Access Manager Services Information for Installing Federation Management (Core Already Installed)

Label and State File Parameter	Description
Common Domain Deployment URI `CDS_DEPLOY_URI`	URI prefix for accessing the common domain services on the web container. The default value is `amcommon`. Do not enter a leading slash.

Access Manager Directory Server Information

The installer needs the following information if you are installing Identity Management and Policy Services Core.

TABLE 3–11 Directory Server Information for Access Manager

Label and State File Parameter	Description
Directory Server Host `IS_DS_HOSTNAME`	A host name or value that resolves to the host on which Directory Server resides. The default value is the fully qualified domain name of the local host. For example, if the local host is `siroe.example.com`, the default value is `siroe.example.com`.

TABLE 3–11 Directory Server Information for Access Manager *(Continued)*

Label and State File Parameter	Description
Directory Server Port `IS_DS_PORT`	Port on which Directory Server listens for client connections. The default value is `389`.
Access Manager Directory Root Suffix `IS_ROOT_SUFFIX`	Distinguished name (DN) to set as the Access Manager root suffix. The default value is based on the fully qualified domain name for this host, minus the host name. For example, if this host is `siroe.subdomain.example.com`, the value is `dc=subdomain,dc=example,dc=com`.
Directory Manager DN `IS_DIRMGRDN`	DN of the user who has unrestricted access to Directory Server. The default value is `cn=Directory Manager`.
Directory Manager Password `IS_DIRMGRPASSWD`	Password for the Directory Manager.

Access Manager Provisioned Directory Information

The information needed to configure a provisioned directory depends on whether the installer detects an existing provisioned directory on your host. When the installer is generating a state file, `IS_EXISTING_DIT_SCHEMA=y` is written to the state file if the installer finds an existing provisioned directory. The installer writes `IS_EXISTING_DIT_SCHEMA=n` to the state file if the installer does *not* find an existing provisioned directory.

Existing Provisioned Directory Found

If the installer finds an existing provisioned directory, you provide the following information.

TABLE 3–12 Existing Provisioned Directory Information for Access Manager

Label and State File Parameter	Description
User Naming Attribute `IS_USER_NAMING_ATTR`	Naming attribute used for users in the provisioned directory. The default value is `uid`.

No Existing Provisioned Directory Found

If the installer does not find an existing provisioned directory, you can choose whether to use an existing provisioned directory. If you answer yes to the first question in this table, you must answer the remaining questions in the table.

TABLE 3–13 No Existing Provisioned Directory Information for Access Manager

Label and State File Parameter	Description
Is Directory Server provisioned with user data? `IS_LOAD_DIT`	Specifies whether you want to use an existing provisioned directory. Permitted values are `y` or `n`. The default value is `n`.
Organization Marker Object Class `IS_ORG_OBJECT_CLASS`	Object class defined for the organization in the existing provisioned directory. This value is used only if the value for the first item in this table is `y`. The default value is `SunISManagedOrganization`.
Organization Naming Attribute `IS_ORG_NAMING_ATTR`	Naming attribute used to define organizations in the existing provisioned directory. This value is used only if the value for the first item in this table is `y`. The default value is `o`.
User Marker Object Class `IS_USER_OBJECT_CLASS`	Object class defined for users in the existing provisioned directory. This value is used only if the value for the first item in this table is `y`. The default value is `inetorgperson`.
User Naming Attribute `IS_USER_NAMING_ATTR`	Naming attribute used for users in the existing provisioned directory. This value is used only if the value for the first item in this table is `y`. The default value is `uid`.

Access Manager SDK Configuration Information

Access Manager SDK is automatically installed when you install Identity Management and Policy Services Core, a subcomponent of Access Manager. You can also install Access Manager SDK as a discrete product component on a host that is remote from the Access Manager core services.

Before you install Access Manager SDK, the Access Manager core services must be installed and running on a remote host. The web container information and Directory Server configuration information that you provide during this installation must match the web container and Directory Server configuration information that you provided during installation of Access Manager core services.

Note – When the installer asks for information about the remote web container and Directory Server, default values are displayed based on the local host.

Do not accept the default values; use them only as examples of format. Instead, you must supply the correct remote information.

If you are installing Access Manager SDK as a discrete product component, you must provide the following types of information:

- "Access Manager SDK Administration Information" on page 57
- "Access Manager SDK Directory Server Information" on page 58
- "Access Manager SDK Provisioned Directory Information" on page 59
- "Access Manager SDK Web Container Information" on page 60

Access Manager SDK Administration Information

The installer needs the following administration information if you are installing only Access Manager SDK.

TABLE 3–14 Administration Information for Access Manager SDK

Label and State File Parameter	Description
Administrator User ID `IS_ADMIN_USER_ID`	Access Manager top-level administrator. This user has unlimited access to all entries managed by Access Manager. The default name, `amadmin`, cannot be changed. This ensures that the Access Manager administrator role and its privileges are created and mapped properly in Directory Server, allowing you to log onto Access Manager immediately after installation.
Administrator Password `IS_ADMINPASSWD`	Password of the `amadmin` user. The value must have at least eight characters. Set this value to the same value used by Access Manager on the remote host.
LDAP User ID `IS_LDAP_USER`	Bind DN user for LDAP, Membership, and Policy services. This user has read and search access to all Directory Server entries. The default user name, `amldapuser`, cannot be changed.

TABLE 3–14 Administration Information for Access Manager SDK *(Continued)*

Label and State File Parameter	Description
LDAP Password `IS_LDAPUSERPASSWD`	Password of the `amldapuser` user. This password must be different from the password of the `amadmin` user. It can be any valid Directory Service password. Set this value to the same value used by Access Manager on the remote host.
Password Encryption Key `AM_ENC_PWD`	A string that Access Manager uses to encrypt user passwords. All Access Manager subcomponents must use the same encryption key that the Identity Management and Policy Services Core subcomponent uses. The password encryption key can be blank or at least 12 characters long. To specify the encryption key for Access Manager SDK, do the following: 1. Copy the value for `am.encryption.pwd` as generated by the installation of the core. 2. Paste the copied value into this field.

Access Manager SDK Directory Server Information

The installer needs the following Directory Server information if you are installing Access Manager SDK without other Access Manager subcomponents.

TABLE 3–15 Directory Server Information for Access Manager SDK

Label and State File Parameter	Description
Directory Server Host `IS_DS_HOSTNAME`	A host name or value that resolves to the host on which Directory Server resides. Set this value to the same value used by Access Manager on the remote host.
Directory Server Port `IS_DS_PORT`	Port on which Directory Server listens for client connections. Set this value to the same value used by Access Manager on the remote host.

TABLE 3–15 Directory Server Information for Access Manager SDK *(Continued)*

Label and State File Parameter	Description
Access Manager Directory Root Suffix `IS_ROOT_SUFFIX`	The distinguished name (DN) specified as the Access Manager root suffix when Directory Server was installed. This root suffix indicates the part of the directory that is managed by Access Manager. Set this value to the same value used by Access Manager on the remote host. The default value is based on the fully qualified domain name for this host, without the host name. For example, if this host is `siroe.subdomain.example.com` , the value is `dc=subdomain,dc=example,dc=com`. Use this default value as an example of format only.
Directory Manager DN `IS_DIRMGRDN`	DN of the user who has unrestricted access to Directory Server. Set this value to the same value used by Access Manager on the remote host. The default value is `cn=Directory Manager`.
Directory Manager Password `IS_DIRMGRPASSWD`	Password for the directory manager. Set this value to the same value used by Access Manager on the remote host.

Access Manager SDK Provisioned Directory Information

The information needed to configure a provisioned directory depends on whether the installer detects an existing provisioned directory on your host.

When the installer is generating a state file, `IS_EXISTING_DIT_SCHEMA=y` is written to the state file if the installer finds an existing provisioned directory. The installer writes `IS_EXISTING_DIT_SCHEMA=n` to the state file if the installer does *not* find an existing provisioned directory.

Existing Provisioned Directory Found

If the installer finds an existing provisioned directory, you provide the following information.

TABLE 3–16 Existing Provisioned Directory Information for Access Manager SDK

Label and State File Parameter	Description
User Naming Attribute `IS_USER_NAMING_ATTR`	Naming attribute used for users in the provisioned directory. The default value is `uid`.

No Existing Provisioned Directory Found

If the installer does not find an existing provisioned directory, you can choose whether to use an existing provisioned directory. If you answer yes to the first question in this table, you must answer the remaining questions in the table.

TABLE 3–17 No Existing Provisioned Directory Information for Access Manager SDK

Label and State File Parameter	Description
Is Directory Server provisioned with user data? `IS_LOAD_DIT`	Specifies whether you want to use an existing provisioned directory. Permitted values are `y` or `n`. The default value is `n`.
Organization Marker Object Class `IS_ORG_OBJECT_CLASS`	Object class defined for the organization in the existing provisioned directory. This value is used only if the value for the first item in this table is `y`. The default value is `SunISManagedOrganization`.
Organization Naming Attribute `IS_ORG_NAMING_ATTR`	Naming attribute used to define organizations in the existing provisioned directory. This value is used only if the value for the first item in this table is `y`. The default value is `o`.
User Marker Object Class `IS_USER_OBJECT_CLASS`	Object class defined for users in the existing provisioned directory. This value is used only if the value for the first item in this table is `y`. The default value is `inetorgperson`.
User Naming Attribute `IS_USER_NAMING_ATTR`	Naming attribute used for users in the existing provisioned directory. This value is used only if the value for the first item in this table is `y`. The default value is `uid`.

Access Manager SDK Web Container Information

The installer needs the following web container information if you are installing only Access Manager SDK.

TABLE 3–18 Web Container Information for Access Manager SDK

Label and State File Parameter	Description
Host `IS_WS_HOST_NAME`	Host name of the web container that runs Access Manager core services. Use the value specified during the installation of Access Manager on the remote host. There is no default value.
Services Deployment URI `SERVER_DEPLOY_URI`	URI prefix for accessing the HTML pages, classes, and JAR files associated with Access Manager. Set this value to the same value used by Access Manager on the remote host. This URI is used to access the realm (Access Manager 7.x compatible) console. The default value is `amserver`. Do not enter a leading slash.
Cookie Domain `COOKIE_DOMAIN_LIST`	The names of the trusted DNS domains that Access Manager returns to a browser when Access Manager grants a session ID to a user. Set this value to the same value used by Access Manager on the remote host. The default value is the current domain, prefixed by a dot (`.`).
Web Container Hostname `IS_SERVER_HOST`	Host name where the web container that runs Access Manager core services is located.
Web Container Port `IS_SERVER_PORT`	Port number for the web container that runs Access Manager core services.
Web Container Protocol `IS_SERVER_PROTOCOL`	Protocol for listening on the Access Manager web container port. A secure port uses the HTTPS protocol. A non-secure port uses HTTP. The default value is `HTTP`.

Services Port
`IS_WS_INSTANCE_PORT`
`IS_IAS81INSTANCE_PORT`
	Port number of the web container instance that runs Access Manager core services. Use the port number specified when Access Manager core services were installed.
	Web Server default value is `80`.
	Application Server default value is `8080`.

Application Server Configuration Information

The installer needs the following information for Application Server:

- “Application Server Administration Information” on page 62
- “Application Server Node Agent Information” on page 63
- “Application Server Load Balancing Plugin Information” on page 64

Application Server Administration Information

TABLE 3–19 Administration Information for Application Server

Label and State File Parameter	Description
Admin User Name `AS_ADMIN_USER_NAME`	User ID of the Application Server administrator. The default value is the Administrator User ID you provided under Common Server Settings. Note: If you chose to use a single administrator account, this field is not present.
Password `AS_PASSWORD`	Password for the Application Server administrator. The default value is the Administrator Password you provided under Common Server Settings. Minimum of 8 characters. Note: If you chose to use a single administrator account, this field is not present. Note: In the Java ES installer, white space cannot be used in admin passwords, nor can the following symbols: `; & ( ) ! | < > ' " $ ^ \ # / , @ %`
Admin Port `AS_ADMIN_PORT`	Port on which Application Server's administrative server listens for HTTPS connections. Provides access to the administration tools. The default value is `4849`.
JMX Port `AS_JMX_PORT`	Port on which Application Server listens for JMX connections. The default value is `8686`.
HTTP Server Port `AS_HTTP_PORT`	Port on which Application Server listens for HTTP connections. The default value is `8080`. If the installer detects that the default port is used, an alternative value is suggested.
HTTPS Port `AS_HTTPS_PORT`	Port on which Application Server listens for HTTPS connections. The default value `is` `8181`.
Master Password `AS_MASTER_PASSWORD`	SSL certificate database password, used for `asadmin` operations such as Domain Administration Server startup and Node Agent startup. The default value is the Administrator Password you provided under Common Server Settings. Minimum of 8 characters.

Application Server Node Agent Information

TABLE 3–20 Node Agent Information for Application Server

Label and State File Parameter	Description
Admin Host Name `ASNA_ADMIN_HOST_NAME`	Host name for domain administration which the node agent can connect to. The default value is the name of local host, including domain.
Admin User Name `ASNA_ADMIN_USER_NAME`	User ID of the Application Server admin user. The default value is the Administrator User ID you provided under Common Server Settings. Note: If you chose to use a single administrator account, this field is not present.
Password `ASNA_PASSWORD`	Password for the Application Server admin user. There is no default value. Note: If you chose to use a single administrator account, this field is not present. Note: White space cannot be used in admin passwords, nor can the following symbols: `; & ( ) ! | < > ' " $ ^ \ # / , @ %`
Master Password `ASNA_MASTER_PASSWORD`	SSL certificate database password, used for `asadmin` operations such as Domain Administration Server startup and Node Agent startup. The default value is the admin password you provided under Common Server Settings.
Admin Port `ASNA_ADMIN_PORT`	Port on which Application Server's node agent listens for connections. Provides access to the administration tools. The default value is `4849`.
Node Agent Name `ASNA_NODE_AGENT_NAME`	Name of the local node. The default value is the local host name.

Application Server Load Balancing Plugin Information

TABLE 3–21 Load Balancing Plugin Information for Application Server

Label and State File Parameter	Description
Web server that the load balancing plugin will use `AS_WEB_SERVER_PLUGIN_TYPE`	Choice of Sun Java System Web Server or Apache Web Server. Note: HP-UX does not support Apache Web Server. The default value is `Sun Java System Web Server`.
Web server installation directory `AS_WEB_SERVER_LOCATION`	Installation directory for Web Server or Apache HTTP Server. The default value is: Solaris OS: `/opt/SUNWwbsvr7` Linux and HP-UX: `/opt/sun/webserver7`
Web Server instance directory `CMN_WS_INSTANCE_DIR`	Instance directory for Web Server or Apache HTTP Server. The default value is: Solaris OS: `/var/opt/SUNWwbsvr7` Linux and HP-UX: `/var/opt/sun/webserver7`

Directory Server Configuration Information

The installer needs the following information for Directory Server:

- "Directory Server Instance Creation Choice Information" on page 64
- "Directory Server Instance Creation Information" on page 65
- "Directory Server Instance Usage Choice" on page 66

Directory Server Instance Creation Choice Information

TABLE 3–22 Instance Creation Choice for Directory Server

Label and State File Parameter	Description
Choose to create a directory instance `CREATE_INSTANCE`	Allows you to create a directory instance during installation. this is not a requirement. The default value is `Yes`. If you accept the default, you will be asked to provide the information required to create an instance.

Directory Server Instance Creation Information

This page is displayed when you select Yes on the Directory Server Instance Choice Panel. If you select No, this page is not displayed. If another component requires a Directory Server instance, you will be prompted to either use the instance you can create on this page, or use a previously installed and configured instance of Directory Server.

TABLE 3–23 Instance Creation Information for Directory Server

Label and State File Parameter	Description
Instance Directory `DSEE_INSTANCE_DIRECTORY`	Location of new instance. The default value is: Solaris OS: `/var/opt/SUNWdsee/dsins1` Linux and HP-UX: `/var/opt/sun/dsins1`
Directory Instance Port `DSEE_INSTANCE_PORT`	Unsecure port for the new instance. The default value is `389`.
Directory Instance SSL Port `DSEE_INSTANCE_SSL_PORT`	Secure port for the new instance. The default value is `636`.
Directory Manager DN `DSEE_DN_MANAGER`	Distinguished Name (DN) of the user who has unrestricted access to Directory Server. The default value is `cn=Directory Manager`.
System User `DSEE_INSTANCE_USER`	User ID under which the new instance runs. The default value is `root`.
System Group `DSEE_INSTANCE_GROUP`	Group ID of the new instance. The default value is `root`.
Directory Manager Password `DSEE_INSTANCE_PASSWORD`	Password for the Directory Manager. The default value is the Administrator Password you provided under Common Server Settings. Minimum of 8 characters.
Suffix `DSEE_SUFFIX`	Initial directory suffix managed by this instance. The default value is formed by the segments of the fully qualified domain name for the current host. For example, if you install on `siroe.sub1.example.com`, the default value is `dc=sub1,dc=example,dc=com`.

Directory Server Instance Usage Choice

TABLE 3–24 Directory Server: Instance Usage Choice

Label and State File Parameter	Description
Choice of Directory Server instance `CREATE_INSTANCE`	Allows you to choose to use the directory server instance you created during installation, or use an existing directory server instance. If you choose to use an existing instance instead of the default, the alternate instance must already be configured. Default value is `yes`.

HADB Configuration Information

The installer needs the following information for HADB.

TABLE 3–25 Port Selection Information for HADB

Label and State File Parameter	Description
HADB Management Port `HADB_DEFAULT_ADMINPORT`	Port on which the HADB management listens. The default value is `1862`.
HADB Resource Directory `HADB_DEFAULT_RESDIR`	Location where HADB stores resource contents. The default value is `/var/opt`.
HADB Administrator Group `HADB_DEFAULT_GROUP`	The UNIX group (GID) in which the default instance of HADB runs as a user. The default value is `other`.
HADB Automatic Startup `HADB_AUTO_START`	Choose this option to direct the installer to configure HADB to start automatically when the system restarts. The default value is `yes`.
HADB Group Management `HADB_ALLOW_GROUPMANAGE`	Choose this option when you want HADB to be managed by the HADB Administration Group. If this parameter is set to yes, all members belonging to the group (`HADB_DEFAULT_GROUP`) can run and manage HADB. The default value is no.

Portal Server Configuration Information

Portal Server requires a web container. Depending on what web container you choose, the configuration information in the following sections is required by the installer during installation:

Portal Server Web Container Choice

TABLE 3–26 Web Container Choice for Portal Server

Label and State File Parameter	Description
Web container choice for Portal Server `PS_DEPLOY_TYPE`	Allows you to choose the web container for Portal Server from the following: ■ Java ES Application Server ■ Java ES Web Server ■ BEA WebLogic Server ■ IBM WebSphere Application Server Default value is Web Server. Note: If you are using a third-party web container, that web container must be running at the time of this installation.

Portal Server Java ES Application Server as Web Container

This section describes the information that the installer needs when Application Server is the web container for Portal Server.

TABLE 3–27 Web Container Information for Portal Server with Application Server

Label and State File Parameter	Description
Installation Directory `PS_DEPLOY_DIR`	Directory in which Application Server is installed. The default value is: Solaris OS: `/opt/SUNWappserver/appserver` Linux and HP-UX: `/opt/sun/appserver`
Domain Name `PS_DEPLOY_DOMAIN`	The Application Server domain to which the Portal Server is deployed. The default value is `domain1`.
Server Instance Directory `PS_DEPLOY_INSTANCE_DIR`	Path to the Application Server directory for the domain to which you want to deploy this Portal Server instance. The default value is: Solaris OS: `/var/opt/SUNWappserver/domains/domain1` Linux and HP-UX: `/var/opt/sun/appserver/domains/domain1`
Server Instance Port `PS_DEPLOY_PORT`	Port on which Application Server listens for connections to the instance. The default value is `8080`.
Document Root Directory `PS_DEPLOY_DOCROOT`	Name of the directory where static pages are kept. The default value is: Solaris OS: `/var/opt/SUNWappserver/domains/domain1/docroot` Linux and HP-UX: `/var/opt/sun/appserver/domains/domain1/docroot`
Administration Port `PS_DEPLOY_ADMIN_PORT`	Port on which the Application Server administration instance is running, for the domain in which Portal Server is being installed. The default value is `4849`.
Administrator User ID `PS_DEPLOY_ADMIN`	User ID that Portal Server uses to access the Application Server as administrator. This is the Access Manager user ID and password. The default value is `admin`.
Administrator Password `PS_DEPLOY_ADMIN_PASSWORD`	Password that the Portal Server uses to access the Application Server as administrator.

TABLE 3–27 Web Container Information for Portal Server with Application Server *(Continued)*

Label and State File Parameter	Description
Secure Server Instance Protocol `PS_DEPLOY_PROTOCOL`	This protocol specifies whether the value for Server Instance port refers to a secure port. A secure port uses the HTTPS protocol. A non-secure port uses HTTP. In a state file, specify `https` for a secure port or `http` for a non-secure port. The default value is `http`.
Secure Administration Server Port `PS_DEPLOY_ADMIN_PROTOCOL`	This protocol specifies whether the value for Administration port is a secure port. A secure port uses the HTTPS protocol. A non-secure port uses HTTP. In a state file, specify `https` for a secure port or `http` for a non-secure port. The default value is `https`.

Portal Server Java ES Web Server as Web Container

This section describes the information that the installer needs when Web Server is the web container for Portal Server.

TABLE 3–28 Web Container Information for Portal Server With Web Server

Label and State File Parameter	Description
Installation Directory `PS_DEPLOY_DIR`	Directory in which the Web Server is installed. The default value is: Solaris OS: `/opt/SUNWwbsvr7` Linux and HP-UX: `/opt/sun/webserver7`
Administration Domain `PS_DEPLOY_DOMAIN`	The Web Server domain to which the Portal Server is deployed. The default value is `domain1`.
Instance Directory `PS_INSTANCE_DIR`	Directory in which the Web Server instance is installed. The default value is: Solaris OS: `/var/opt/SUNWwbsvr7-`*hostname.domainname* Linux and HP-UX: `/var/opt/sun/webserver7-`*hostname.domainname*
Server Instance Port `PS_DEPLOY_PORT`	Port on which Web Server listens for HTTP connections. The default value is `8800`. If you are installing Web Server in this installer session, the default value is the Web Server HTTP Port (`WS_HTTP_PORT`) value.

TABLE 3–28 Web Container Information for Portal Server With Web Server *(Continued)*

Label and State File Parameter	Description
Administration Host `PS_DEPLOY_ADMIN_HOST`	Administration Server host name.
Administration Port `PS_DEPLOY_ADMIN_PORT`	Port on which the Web Server administration instance is running, for the domain in which Portal Server is being installed. The default value is `8989`.
Secure Server Admin Protocol `PS_DEPLOY_ADMIN_PROTOCOL`	This protocol specifies whether the port for the Web Server instance is a secure port. A secure port uses the HTTPS protocol. A non-secure port uses HTTP. In a state file, specify `https` for a secure port or `http` for a non-secure port. The default value is selected (`https`).

Portal Server BEA WebLogic as Web Container

This section describes the information the installer needs when BEA WebLogic is the web container for Portal Server.

Note – BEA WebLogic is not supported as a web container on HP-UX.

TABLE 3–29 Web Container Information for Portal Server With BEA WebLogic

Label and State File Parameter	Description
Installation Directory `PS_DEPLOY_PRODUCT_DIR`	Path to the directory where BEA WebLogic is installed. The default value is `/usr/local/bea/weblogic81`.
Instance Directory `PS_DEPLOY_INSTANCE_DIR`	Path to the directory where BEA WebLogic stores user projects. The default value is `/usr/local/bea/user_projects/domains`.
JDK Home Directory `PS_DEPLOY_JDK_DIR`	Path to the directory where the copy of JDK that BEA WebLogic uses is installed. The default value is `/usr/local/bea/jdk142_05`.
Server / Cluster Port `PS_DEPLOY_PORT`	Number of the port where BEA WebLogic is deployed. The default value is `7001`.

TABLE 3–29 Web Container Information for Portal Server With BEA WebLogic *(Continued)*

Label and State File Parameter	Description
Server / Cluster Protocol `PS_DEPLOY_PROTOCOL`	Specify whether the value for Server / Cluster Port is a secure port. A secure port uses the HTTPS protocol. A non-secure port uses HTTP. The default value is `http`.
Administrator User ID `PS_DEPLOY_ADMIN`	User name of the BEA WebLogic administrator (system user). The default value is `weblogic`.
Administrator Password `PS_DEPLOY_ADMIN_PASSWORD`	Password of the BEA WebLogic administrator (system user).
Administrator Host `PS_DEPLOY_ADMIN_HOST`	Administrator server host name. Fully qualified domain name. For example, `mycomputer.example.com`.
Administrator Port `PS_DEPLOY_ADMIN_PORT`	Default value is `7001`.
Administrator Protocol `PS_DEPLOY_ADMIN_PROTOCOL`	Specify whether the Administrator Port is a secure port. A secure port uses the HTTPS protocol. A non-secure port uses HTTP. The default value is `http`.
Managed Server `PS_DEPLOY_NOW`	Indicates if the BEA WebLogic Server is a managed server. In a state file, specify n for a managed server and y for a non-managed server. The default value is n.

Portal Server IBM WebSphere as Web Container

This section describes the information that the installer needs when IBM WebSphere Application Server is the web container for Portal Server.

Note – IBM WebSphere is not supported as a web container on HP-UX.

TABLE 3–30 Web Container Information for Portal Server with IBM WebSphere

Label and State File Parameter	Description
Installation Directory `PS_DEPLOY_DIR`	Path to the directory where IBM WebSphere Application Server is installed. The default value is `/opt/IBM/WebSphere/Express51/AppServer`.

TABLE 3–30 Web Container Information for Portal Server with IBM WebSphere *(Continued)*

Label and State File Parameter	Description
Cell Name `PS_DEPLOY_CELL`	Name of the IBM WebSphere Application Server cell. The default value is `DefaultNode`.
Node Name `PS_DEPLOY_NODE`	Name of the IBM WebSphere Application Server node. The default value is `DefaultNode`
Server Instance `PS_DEPLOY_INSTANCE`	Name of the IBM WebSphere Application Server instance. The default value is `server1`.
Server Instance Port `PS_DEPLOY_PORT`	Port on which the IBM WebSphere application instance listens for HTTP connections. Typically, these are configured to come from a front end web server. The default value is `7080`.
Server Instance Protocol `PS_DEPLOY_PROTOCOL`	Specify whether the Server Instance Port is a secure port. A secure port uses the HTTPS protocol. A non-secure port uses HTTP. In a state file, specify `https` for a secure port or `http` for a non-secure port. The default value is `http`.
Document Root Directory `PS_DEPLOY_DOCROOT`	Directory where IBM WebSphere Application Server stores content documents. The default value is `/opt/IBM/WebsSphere/Express51/Appserver/web/docs` If you are using a language other than English, change the final part of the path name.
JDK Home Directory `PS_DEPLOY_JDK_DIR`	Path to the JDK installation that IBM WebSphere Application Server uses. The default value is `/opt/IBM/WebsSphere/Express51/Appserver/java`.
Administrator User ID `PS_DEPLOY_ADMIN`	User name of the WebSphere administrator (system user). The default value is `weblogic`.
Administrator Password `PS_DEPLOY_ADMIN_PASSWORD`	Password of the WebSphere administrator (system user).
Administrator Host `PS_DEPLOY_ADMIN_HOST`	Administrator server host name. Fully qualified domain name. For example, `mycomputer.example.com`.
Administrator Port `PS_DEPLOY_ADMIN_PORT`	The default value is `7090`.

TABLE 3–30 Web Container Information for Portal Server with IBM WebSphere *(Continued)*

Label and State File Parameter	Description
Administrator Protocol `PS_DEPLOY_ADMIN_PROTOCOL`	Specify whether the Administrator Port is a secure port. A secure port uses the HTTPS protocol. A non-secure port uses HTTP. The default value is `http`.

Portal Server Web Container Deployment Information

This section describes web container deployment information that the installer needs for Portal Server.

TABLE 3–31 Portal Server Web Container Deployment

Label and State File Parameter	Description
Portal Access `PS_PORTALACCESS_URL`	Primary portal instance access URL, using the format `http://`*hostname.domain*`:`*port*`/portal/dt`. For example, `http://mycomputer.example.com:8080/portal`. Can be set to the load balancer URL except for Gateway/Rewriter/Netlet Proxy-only nodes, in which case, the portal access URL should be the primary portal instance URL and not the load balancer URL.
Portal ID `PS_PORTAL_ID`	Unique identifier for the portal. The default value is `portal1`.
Search ID `PS_SEARCH_ID`	Unique identifier for the search instance within a portal. The default value is `search1`.
Deployment URI `PS_DEPLOY_URI`	Uniform Resource Identifier (URI) prefix for accessing the HTML pages, classes, and JAR files associated with Portal Server. The value must have a leading slash and must contain only one slash. Must be the same as the Portal Access URL, using the format `http://`*hostname.domain:port*`/portal`. The default value is `/portal`.
Portal Instance ID `PS_INSTANCE_ID`	Unique identifier for a portal instance within a portal, using format *hostname-port*. For example, `mycomputer-8080`.
Enable Secure Remote Access `SRA_SWITCH_CORE`	If you set this parameter to `Enabled`, the installer prompts you for the Portal Server Secure Remote Access gateway information. The default value is `Disabled`.

TABLE 3–31 Portal Server Web Container Deployment *(Continued)*

Label and State File Parameter	Description
Developer Sample `PS_DEVELOPER_PORTAL`	Select whether to configure this sample that contains features of interest to developers. The default value is selected.
Enterprise Sample `PS_ENTERPRISE_PORTAL`	Select whether to configure this sample that contains features within a business portal. The default value is selected.
Community Sample `PS_COMMUNITY_PORTAL`	Select whether to configure this sample that contains features for collaboration and community. The default value is selected.

Portal Server Secure Remote Access Configuration Information

This section first describes the configuration information needed for installing the subcomponents of Portal Server Secure Remote Access.

Portal Server Secure Remote Access Gateway Access

When you install Portal Server, Portal Server Secure Remote Access Core is installed. If you have enabled the Enable Secure Remote Access (default value is Disabled), installer prompts you for the information in the following table.

TABLE 3–32 Portal Server Secure Remote Access Information

Label and State File Parameter	Description
Protocol `SRA_GATEWAY_PROTOCOL`	Protocol that the gateway uses to communicate with Portal Server. A secure port uses the HTTPS protocol. A non-secure port uses HTTP. In a state file, specify `https` for a secure port or `http` for a non-secure port. The default value is `https`.

TABLE 3–32 Portal Server Secure Remote Access Information *(Continued)*

Label and State File Parameter	Description
Portal Server Domain SRA_SERVER_DOMAIN	Name of the domain where Portal Server is installed. The default value is the domain name of the host. For example, if the fully qualified domain name is siroe.subdomain1.example.com, enter subdomain1.example.com.
Gateway Domain SRA_GATEWAY_DOMAIN	Name of domain where gateway is installed. The default value is the default domain of the host. For example, if the fully qualified domain name of the gateway host is siroe.subdomain1.example.com, enter subdomain1.example.com .
Gateway Port SRA_GATEWAY_PORT	Port on which the gateway host listens. The default value is 443.
Gateway Profile Name SRA_GATEWAY_PROFILE	Profile that contains gateway configuration information, such as listener port, SSL options, and proxy options. The default value is default.
Log User Password SRA_LOG_USER_PASSWORD	Password that allows administrators with non-root access to access gateway log files.

Portal Server Secure Remote Access Gateway Configuration

This section describes the gateway information that the installer needs when you are installing the Gateway subcomponent.

TABLE 3–33 Gateway Information for Portal Server Secure Remote Access Gateway

Label and State File Parameter	Description
Protocol SRA_GW_PROTOCOL	Protocol (HTTP or HTTPS) the gateway uses to communicate. A secure port uses the HTTPS protocol. A non-secure port uses HTTP. In most cases the gateway should use HTTPS. In a state file, specify https for a secure port or http for a non-secure port. The default value is https.

TABLE 3–33 Gateway Information for Portal Server Secure Remote Access Gateway *(Continued)*

Label and State File Parameter	Description
Host Name SRA_GW_HOSTNAME	Name of the host on which the gateway subcomponent is installed. For example, if the fully qualified domain name is siroe.subdomain1.example.com , the host name is siroe. The default value is the name of the local host.
Subdomain SRA_GW_SUBDOMAIN	Subdomain name of the gateway host. There is no default value.
Domain SRA_GW_DOMAIN	Domain name of the gateway host. For example, if the fully qualified domain name is siroe.example.com , this value is example.com. The default value is the domain of the local host.
Host IP Address SRA_GW_IPADDRESS	IP address of the Access Manager host. Specify the IP address of the host on which Access Manager was installed for Portal Server. The default value is the IP address of the local host.
Access Port SRA_GW_PORT	Port on which the gateway host listens. The default value is 443.
Gateway Profile Name SRA_GW_PROFILE	Gateway profile that contains the information related to gateway configuration, such the port on which gateway listens, SSL options, and proxy options. The default value is default.

Portal Server Secure Remote Access Netlet Proxy Configuration

This section describes the Netlet Proxy information that the installer needs when you are installing Netlet Proxy.

TABLE 3–34 Netlet Proxy Information for Portal Server Secure Remote Access Netlet Proxy

Label and State File Parameter	Description
Host Name SRA_NLP_HOSTNAME	Name of the host on which the Netlet Proxy subcomponent is installed. For example, if the fully qualified domain name is siroe.subdomain1.example.com , the host name is siroe. The default value is the name of the local host.

TABLE 3–34 Netlet Proxy Information for Portal Server Secure Remote Access Netlet Proxy *(Continued)*

Label and State File Parameter	Description
Subdomain `SRA_NLP_SUBDOMAIN`	Name of the subdomain where Netlet Proxy is installed There is no default value.
Domain `SRA_NLP_DOMAIN`	Name of the domain where Netlet Proxy is installed. The default value is the domain of the local host.
Host IP Address `SRA_NLP_IPADDRESS`	IP address of the host where Netlet Proxy is installed. The default value is the IP address of the local host.
Access Port `SRA_NLP_PORT`	Port on which Netlet Proxy listens. The default value is `10555`.
Gateway Profile Name `SRA_NLP_GATEWAY_PROFILE`	Profile that contains gateway configuration information, such as listener port, SSL options, and proxy options. The default value is `default`.

Portal Server Secure Remote Access Rewriter Proxy Configuration

This section describes the Rewriter Proxy information that the installer needs when you are installing Rewriter Proxy.

TABLE 3–35 Rewriter Proxy Information for Portal Server Secure Remote Access Rewriter Proxy

Label and State File Parameter	Description
Host Name `SRA_RWP_HOSTNAME`	Name of the host on which the Rewriter Proxy subcomponent is installed. For example, if the fully qualified domain name is `siroe.subdomain1.example.com`, the host name is `siroe`. The default value is the name of the local host.
Subdomain `SRA_RWP_SUBDOMAIN`	Name of the subdomain name where Rewriter Proxy is being installed. There is no default value.
Domain `SRA_RWP_DOMAIN`	Name of the domain where Rewriter Proxy is being installed. The default value is the domain name of the local host.

TABLE 3–35 Rewriter Proxy Information for Portal Server Secure Remote Access Rewriter Proxy *(Continued)*

Label and State File Parameter	Description
Host IP Address `SRA_RWP_IPADDRESS`	IP address of the host on which you are installing Rewriter Proxy. The default value is the IP address of the local host.
Access Port `SRA_RWP_PORT`	Port on which the Rewriter proxy listens. The default value is `10443`.
Gateway Profile Name `SRA_RWP_GATEWAY_PROFILE`	Profile that contains gateway configuration information, such as listener port, SSL options, and proxy options. The default value is `default`.

Portal Server Secure Remote Access Certificate Information

When you are installing Gateway, Netlet Proxy, or Rewriter Proxy, you can provide information to create a self-signed certificate for use with Portal Server, Secure Remote Access. The installer needs the following information to configure a certificate.

Note – Do not use multibyte characters when providing certificate information.

TABLE 3–36 Certificate Information for Portal Server Secure Remote Access Rewriter Proxy

Label and State File Parameter	Description
Organization `SRA_CERT_ORGANIZATION`	Name of your organization or company.
Division `SRA_CERT_DIVISION`	Name of your division.
City/Locality `SRA_CERT_CITY`	Name of your city or locality.
State/Province `SRA_CERT_STATE`	Name of your state or province.
Country Code `SRA_CERT_COUNTRY`	Two-letter country code.

TABLE 3–36 Certificate Information for Portal Server Secure Remote Access Rewriter Proxy *(Continued)*

Label and State File Parameter	Description
Certificate Database Password `SRA_CERT_PASSWORD`	Password (and confirmation) that applies only to self-signed certificates.

Web Proxy Server Configuration Information

TABLE 3–37 Administration Information for Web Proxy Server

Label and State File Parameter	Description
Administrator User ID `WPS_ADMIN_USER`	User ID of the Web Proxy Server administrator. The default value is `admin` or the value you provided under Common Server Settings. Note: If you chose to use a single administrator account, this field is not present.
Administrator Password `WPS_ADMIN_PASSWORD`	The password of the Web Proxy Server administrator. The default value is the password you provided under Common Server Settings. Note: If you chose to use a single administrator account, this field is not present. Note: In the Java ES installer, white space cannot be used in admin passwords, nor can the following symbols: `; & ( ) ! | < > ' " $ ^ \ # / , @ %`
Proxy Server Domain Name `WPS_PROXY_DOMAIN`	A host and domain value that resolves to the local host. The default value is created by joining the values that you provided for Host Name and for DNS Domain Name under Common Server Settings. For example: `hostname.domain`
Administration Port `WPS_ADMIN_PORT`	Port on which the Web Proxy Server administration server listens for connections. The default value is `8888`.
Admin Server Runtime User ID `WPS_ADMIN_RUNTIME_USER`	The Web Proxy Server administration server runs on the system as this user (UID). Use the name rather than the user ID number. The default value is the value you provided for System Users under Common Server Settings.

TABLE 3–37 Administration Information for Web Proxy Server *(Continued)*

Label and State File Parameter	Description
Instance Runtime UNIX User ID `WPS_INSTANCE_RUNTIME_USER`	An existing non–root user. Note: On HP-UX, ensure that `nobody` is a valid user. The default value is `nobody`.
Proxy Instance Port `WPS_INSTANCE_PORT`	Port on which Web Proxy Server listens for connections. The default value is `8080`.
Instance Auto Start Value `WPS_INSTANCE_AUTO_START`	Used to automatically start the Web Proxy Server instance. Choose this parameter when Web Proxy Server needs to be started at a reboot. Values can be `y` or `n`. The default value is `n`.

Web Server Configuration Information

The installer needs the following information for Web Server:

- "Web Server Choice of Configuration Type " on page 80
- "Web Server Administration Server Settings" on page 81
- "Web Server Administration Node Settings" on page 82
- "Web Server Instance Settings" on page 83

Web Server Choice of Configuration Type

TABLE 3–38 Choose Configuration Type for Web Server

Label and State File Parameter	Description
Configure Administration Instance as Server `WS_ADMIN_IS_SERVER_MODE`	The Administration Server is a specially configured Web Server instance used only for administration purposes. In a server farm situation, this is the *master* administration instance that sends instance-management orders to nodes. Administration applications are deployed on this server. In a standalone installation of Web Server, always select Configure Administration Instance as Server. Configuration information for this setting will be requested on a subsequent page. The default value is selected.

TABLE 3–38 Choose Configuration Type for Web Server *(Continued)*

Label and State File Parameter	Description
Configure Administration Instance as Node `WS_ADMIN_IS_NODE_MODE`	An administration node is a specially configured Web Server instance that receives commands from the registered Administration Server and performs limited actions on that particular node, such as creating, deleting, starting, and stopping Web Server instances. information for this setting will be requested on a subsequent page. The default value is unselected.
Automatically start server when system starts `WS_START_ON_BOOT`	Configures Web Server so that Web Server starts automatically when the system restarts. If you deploy Access Manager on Web Server, this value is ignored, because the Access Manager startup scripts will start Web Server at system restart. In a state file, the permitted values are `T` or `F`, True or False. The default value is `F`.

Web Server Administration Server Settings

The Web Server Admin Server runs on two ports: SSL (default 8989) and non-SSL (default 8800). If you choose HTTP, then the `PS_DEPLOY_ADMIN_PORT` parameter must be changed to refer to a non-SSL admin port. Default non-SSL admin port is 8800.

TABLE 3–39 Administration Server Settings for Web Server

Label and State File Parameter	Description
Administrator User ID `WS_LOGIN_USER`	User ID of the Web Server administrator. The default value is `admin` or the value you provided under Common Server Settings. Note: If you chose to use a single administrator account, this field is not present.
Administrator Password `WS_LOGIN_PASSWORD`	The password of the Web Server administrator. The default value is the value you provided under Common Server Settings. Note: If you chose to use a single administrator account, this field is not present. Note: In the Java ES installer, white space cannot be used in admin passwords, nor can the following symbols: `; & ( ) ! | < > ' " $ ^ \ # / , @ %`

TABLE 3–39 Administration Server Settings for Web Server *(Continued)*

Label and State File Parameter	Description
Server Host `WS_ADMIN_HOST`	A host and domain value that resolves to the local host. This value is used to create a directory under server root for the first Web Server instance. The default value is automatically created by joining the values that you provided for Host Name and DNS Domain Name under Common Server Settings. The value has the format *hostname.domainname*.
SSL Port `WS_ADMIN_SSL_PORT`	Port that is used to run the Administration Server in secure mode. Must be a valid SSL port. if this port is selected, you must specify HTTPS when invoking a URL. The default value is `8989`.
HTTP Port `WS_ADMIN_HTTP_PORT`	Port on which Web Server listens for HTTP connections. The default value is `8800`.
Runtime User ID `WS_ADMIN_SERVER_USER`	The default value is `root` or the value you provided under Common Server Settings. Note: If you chose to use a single administrator account, this field is not present.

Web Server Administration Node Settings

TABLE 3–40 Administration Node Settings for Web Server

Label and State File Parameter	Description
Node Host `WS_NODE_HOST`	Fully qualified name of host, including domain name.
SSL Port `WS_NODE_SSL_PORT`	Port on which Web Server as agent listens for HTTPS connections. Must be a valid SSL port. The default value is `8989`.

TABLE 3–40 Administration Node Settings for Web Server *(Continued)*

Label and State File Parameter	Description
Runtime User ID `WS_INSTANCE_USER`	User ID that the default instance of Web Server uses to run on the system. If you are installing Access Manager or Portal Server, set this value to `root` and set the Runtime Group to `other`. (on HP-UX, set to `sys`). You can change these values after installation. For other servers, the Runtime User ID should be a non-root user. The default value is `root`.
Register Node with Remote Administration Server `WS_REGISTER_NODE`	The default value is selected. If you choose to register node with remote administration server, the following four fields must be filled.
Remote Server Host `WS_ADMIN_HOST`	Fully qualified domain name of the remote host on which the Administration Server is installed.
Remote Server SSL Port `WS_ADMIN_SSL_PORT`	The SSL port on which the remote Administration Server is listening. The default value is `8989`.
Remote Server User Name `WS_ADMIN_LOGIN_USER`	Administrator user name used to log in to the remote Administration Server.
Remote Server Password `WS_ADMIN_LOGIN_PASSWORD`	Password used to log in to the remote Administration Server.

Web Server Instance Settings

TABLE 3–41 Instance Settings for Web Server

Label and State File Parameter	Description
Server Name `WS_SERVER_NAME`	A host and domain value that resolves to the local host. This value is used to create a directory under server root for the first Web Server instance. The default value is automatically created by joining the values that you provided for Host Name and DNS Domain Name under Common Server Settings. The value has the format *hostname.domainname*.
HTTP Port `WS_HTTP_PORT`	Port on which Web Server instance listens for HTTP connections. The default value is `80`.

TABLE 3–41 Instance Settings for Web Server *(Continued)*

Label and State File Parameter	Description
Runtime UNIX User ID `WS_SERVER_USER`	An existing non–root user. If you are installing Access Manager or Portal Server, set this value to `root` and set the Runtime Group to `other` (on HP-UX, set to `sys`). You can change these values after installation. For other servers, the Runtime User ID should be a non-root user. Note: If you are using Web Server as the web container, the Web Server runtime instance value must be set to `root`. The default value is `webservd`

Document Root Directory
`WS_DOCROOT`
	Location where Web Server stores content documents.
	To use a non-default value, ensure that the directory that you specify is already present in the file system. The installer does not create the directory for you.
	The default value is:
	Solaris OS:
	`/var/opt/SUNWwbsvr7/https-`*hostname.domain*`/docs`
	Linux and HP-UX:
	`/var/opt/sun/webserver7/https-`*hostname.domain*`/docs`

Parameters Used Only in State Files

The following table contains information on state file parameters that are not associated with product component configuration. Parameter names are listed alphabetically.

TABLE 3–42 State File Parameters

Parameter Name	Description
`CCCP_UPGRADE_EXTERNAL_ \` `INCOMPATIBLE_JDK`	Specifies whether to upgrade the JDK if it is found on the host and is incompatible with the JDK distributed by Java ES. The value can be `yes` or `no`. This parameter is case sensitive. The default value is `no`.

TABLE 3–42 State File Parameters *(Continued)*

Parameter Name	Description
CONFIG_TYPE	Defines the configuration type. Permitted values are Custom, meaning configure during installation (Configure Now), and Skip (meaning configure after installation (Configure Later). The default value is Custom. Important: Do not set this value in the state file. Specify this value only when you are running the installer to generate a state file. Configuration type affects the installer processing logic in many ways, and errors could result if you change the value after the state file is generated.
DeploymentServer	Specifies the web container type for Access Manager. Permitted values are WebServer and AppServer. The default value is AppServer (Application Server).
PSDEPLOYTYPE	Specifies the web container type for Portal Server. Permitted values are IWS, SUNONE8, WEBLOGIC, WEBSPHERE.
LOCALE	Specifies whether or not language packages are to be installed in addition to English. Values are True or False. This option is presented with component selection. If True is indicated, multilingual packages for all selected components will be installed. If False, no locale packages will be installed. The default value is False.
LICENSE_TYPE	The permitted values are Evaluation and Deployment, but this field is not used.
PSP_EXIT_ON_DEPENDENCY_WARNING	Instructs the installer to exit if dependencies of the selected product components are not met. Warnings generally identify dependencies that could be met with remote components that can be specified during configuration. Specify Yes to exit the installation on a dependency warning or specify No to proceed despite the warning. The default value is No. This parameter is not case sensitive.

TABLE 3–42 State File Parameters *(Continued)*

Parameter Name	Description
PSP_LOG_CURRENTLY_INSTALLED	Causes the installer to write a list of currently installed products to the log file. This option is the equivalent of the View Currently Installed button on the Component Selection page of the graphical installer. Permitted values are Yes and No. This parameter is not case sensitive. The default value is Yes.
PSP_SELECTED_COMPONENTS	A comma-separated list of product components and subcomponents you want to install. The default value is All.

◆ ◆ ◆ CHAPTER 4

Configuration Worksheets

This chapter contains the worksheets for gathering configuration information that is required during a Configure Now installation. These worksheets are companion tools for working with the configuration information in Chapter 3. Worksheets are included only for the product components that can be configured by the Sun Java™ Enterprise System (Java ES) installer.

This chapter contains the following sections:

Common Settings Configuration Information

For detailed explanations of the fields in this worksheet, refer to the tables under "Common Server Settings" on page 43

TABLE 4–1 Common Server Settings Configuration Worksheet

Label and State File Parameter	Data
Host Name	Your data: _____
`CMN_HOST_NAME`	The default value is the local host name. For example, `mycomputer`.
DNS Domain Name	Your data: _____
`CMN_DOMAIN_NAME`	The default value is domain name for the local host. For example, `.example.com`.
Host IP Address	Your data: _____
`CMN_IPADDRESS`	The default value is the IP address for the local host.
Administrator User ID	Your data: _____
`CMN_ADMIN_USER`	Note: If you chose to use a single administrator account, this field is not present.
Administrator Password	Your data: _____
`CMN_ADMIN_PASSWORD`	Note: If you chose to use a single administrator account, this field is not present.
System User	Your data: _____
`CMN_SYSTEM_USER`	The default value is `root`.
System Group	Your data: _____
`CMN_SYSTEM_GROUP`	The default value is `root`.

Access Manager Configuration Information

This section contains worksheets for the following topics:

Access Manager Administration

For detailed explanations of the fields in this worksheet, refer to the tables under "Access Manager Administration Information" on page 45.

TABLE 4–2 Access Manager Administration Information Configuration Worksheet

Label and State File Parameter	Data
Install type	Your data: _____
`AM_REALM`	Legacy mode used by default.
Administrator User ID	Your data: **amadmin**
`IS_ADMIN_USER_ID`	Cannot be changed.
Administrator Password	Your data: _____
`IS_ADMINPASSWD`	(must be at least eight characters)
LDAP User ID	Your data: **amldapuser**
`IS_LDAP_USER`	Cannot be changed.
LDAP Password	Your data: _____
`IS_LDAPUSERPASSWD`	Restriction: Must be different from Administrator Password.
Password Encryption Key	Your data: _____
`AM_ENC_PWD`	The password encryption key be 12 characters or longer for a new install, or it can be blank. For an upgrade, the password can be shorter. Required for a remote portal installation.

Web Container

The installer needs the following information if you are installing Access Manager Administration Console. There are two worksheets for Access Manager, one for each of the web containers in which you can deploy Access Manager:

- “Access Manager With Application Server ” on page 89
- “Access Manager With Web Server” on page 90

Access Manager With Application Server

For detailed explanations of the fields in this worksheet, refer to the tables under “Access Manager With Application Server” on page 47.

TABLE 4–3 Access Manager With Application Server Configuration Worksheet

Label and State File Parameter	Data
Secure Server Instance Port	Your data: _____
`IS_IAS81INSTANCE_PORT`	The default value is `8080`.

TABLE 4–3 Access Manager With Application Server Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Secure Administrator Server Port	Your data: _____
`IS_IAS81_ADMINPORT`	The default value is `4849`.
Administrator User ID	Your data: _____
`IS_IAS81_ADMIN`	The default value is the administrator user ID you provided under Common Server Settings. Note: If you chose to use a single administrator account, this field is not present.
Administrator Password	Your data: _____
`IS_IAS81_ADMINPASSWD`	The default value is the Administrator User password you provided under Common Server settings. Note: If you chose to use a single administrator account, this field is not present.

Access Manager With Web Server

For detailed explanations of the fields in this worksheet, refer to the tables under "Access Manager With Web Server" on page 48.

TABLE 4–4 Access Manager With Web Server Configuration Worksheet

Label and State File Parameter	Data
Host Name	Your data: _____
`IS_WS_HOST_NAME`	The default value is the fully qualified domain name for the current host.
Administrator User ID	Your data: _____
`IS_WS_ADMIN_ID`	The default value is the administrator user ID you provided under "Common Settings" on page 43.
Administrator Password	Your data: _____
`IS_WS_ADMIN_PASSWORD`	The default value is the administrator user ID you provided under "Common Settings" on page 43.
Document Root Directory	Your data: _____
`IS_WS_DOC_DIR`	The default value is: Solaris OS: `/var/opt/SUNWwbsvr7/https:-`*hostname.domain*`/docs` Linux and HP-UX: `/var/opt/sun/webserver7/https:-`*hostname.domain*`/docs`
Web Server Port	Your data: _____
`IS_WS_INSTANCE_PORT`	The default value is `80`.

TABLE 4–4 Access Manager With Web Server Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Web Server Instance Directory	Your data: _____
`IS_WS_INSTANCE_DIR`	The path must have the following syntax: *WebServer-base*`/https-`*webserver-instancename* If you are installing Web Server in this session, the default value for *WebServer-base* is the Web Server installation directory: Solaris OS: `/var/opt/SUNWwbsvr7` Linux and HP-UX: `/var/opt/sun/webserver7`
Web Server Protocol	Your data: _____
`IS_WS_PROTOCOL`	The default value is HTTP.

Access Manager Services

You can install Access Manager in various ways:

- "Specifying Information for Access Manager Console" on page 91
- "Specifying Information for Access Manager Console" on page 92
- "Access Manager Installing Console (Core Already Installed)" on page 92
- "Installing Access Manager Console (Core Not Already Installed)" on page 93
- "Installing Federation Management (Core Already Installed)" on page 93

Specifying Information for Access Manager Console

TABLE 4–5 Access Manager Services Information for Access Manager Console Configuration Worksheet

Label and State File Parameter	Data
Host Name	Your data: _____
`IS_SERVER_HOST`	
Services Deployment URI	Your data: _____
`SERVER_DEPLOY_URI`	The default value `is amserver`. Note: Do not enter a leading slash.
Common Domain Deployment URI	Your data: _____
`CDS_DEPLOY_URI`	The default value is `amcommon`. Note: Do not enter a leading slash.

TABLE 4–5 Access Manager Services Information for Access Manager Console Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Cookie Domain	Your data: _____
`COOKIE_DOMAIN_LIST`	For example: `.example.com`
	Note: Leading period (`.`) is required.
Password Deployment URI	Your data: _____
`PASSWORD_SERVICE_DEPLOY_URI`	The default value is `ampassword`. Do not enter a leading slash.
Console Protocol	Your data: _____
`CONSOLE_PROTOCOL`	The default value is `HTTP`

Specifying Information for Access Manager Console

TABLE 4–6 Access Manager Directory Server Configuration Worksheet

Label and State File Parameter	Data
Administration Console	Your data: _____
`USE_DSAME_SERVICES_WEB_CONTAINER`	The default value is true (deploy new console).
`CONSOLE_REMOTE`	
Console Deployment URI	Your data: _____
`CONSOLE_DEPLOY_URI`	The default value is `amconsole`.
Console Host Name	Your data: _____
`CONSOLE_HOST`	The default value is based on the fully qualified domain name for this host. For example, `mycomputer.example.com`.
Console Port	Your data: _____
`CONSOLE_PORT`	The default value is `8080`.

Access Manager Installing Console (Core Already Installed)

For detailed explanations of the fields in this worksheet, refer to the tables under "Installing Access Manager Console (Core Already Installed)" on page 52.

TABLE 4–7 Access Manager Installing Console (Core Already Installed) Configuration Worksheet

Label and State File Parameter	Data
Console Deployment URI	Your data: _____
`CONSOLE_DEPLOY_URI`	Only relevant for Legacy mode (6.x). The default value is: `amconsole`.
	Note: Do not enter a leading slash.
Password Services Deployment URI	Your data: _____
`PASSWORD_SERVICE_DEPLOY_URI`	The default value is: `ampassword`.
	Note: Do not enter a leading slash.

Installing Access Manager Console (Core Not Already Installed)

For detailed explanations of the fields in this worksheet, refer to the tables under "Installing Access Manager Console (Core Not Already Installed)" on page 52.

TABLE 4–8 Installing Console (Core Not Already Installed) Configuration Worksheet

Label and State File Parameter	Data
Console Deployment URI	Your data: _____
`CONSOLE_DEPLOY_URI`	The default value is `amconsole`.
Password Services Deployment URI	Your data: _____
`PASSWORD_SERVICE_DEPLOY_URI`	The default value is `ampassword`, no leading slash.

Installing Federation Management (Core Already Installed)

For detailed explanations of the fields in this worksheet, refer to the tables under "Installing Federation Management (Core Already Installed)" on page 54.

TABLE 4–9 Installing Federation Management (Core Already Installed) Configuration Worksheet

Label and State File Parameter	Data
Common Domain Deployment URI	Your data: _____
`CDS_DEPLOY_URI`	The default value is `amcommon`, no leading slash.

Access Manager Directory Server

For detailed explanations of the fields in this worksheet, refer to the tables under "Access Manager Directory Server Information" on page 54.

TABLE 4–10 Access Manager Directory Server Configuration Worksheet

Label and State File Parameter	Data
Directory Server Host	Your data: _____
`IS_DS_HOSTNAME`	The default value is the fully qualified domain name of the local host.
Directory Server Port	Your data: _____
`IS_DS_PORT`	The default value is `389`.
Access Manager Directory Root Suffix	Your data: _____
`IS_ROOT_SUFFIX`	The default value is based on the fully qualified domain name for this host, minus the host name. For example, if this host is `siroe.subdomain.example.com` , the value is `dc=subdomain,dc=example,dc=com`.
Directory Manager DN	Your data: _____
`IS_DIRMGRDN`	The default value is `cn=Directory Manager`.
Directory Manager Password	Your data: _____
`IS_DIRMGRPASSWD`	

Access Manager Provisioned Directory

Existing Provisioned Directory Found

For detailed explanations of the fields in this worksheet, refer to the tables under "Existing Provisioned Directory Found" on page 55.

TABLE 4–11 Existing Provisioned Directory

Label and State File Parameter	Data
User Naming Attribute	Your data: _____
`IS_USER_NAMING_ATTR`	The default value is `uid`.

No Existing Provisioned Directory Found

For detailed explanations of the fields in this worksheet, refer to the tables under "No Existing Provisioned Directory Found" on page 55.

TABLE 4–12 No Existing Provisioned Directory Found

Label and State File Parameter	Data
Is Directory Server provisioned with user data?	Your data: _____
`IS_LOAD_DIT`	The default value is `No`.
Organization Marker Object Class	Your data: _____
`IS_ORG_OBJECT_CLASS`	The default value is `SunISManagedOrganization`.
Organization Naming Attribute	Your data: _____
`IS_ORG_NAMING_ATTR`	The default value is `o`.
User Marker Object Class	Your data: _____
`IS_USER_OBJECT_CLASS`	The default value is `inetorgperson`.
User Naming Attribute	Your data: _____
`IS_USER_NAMING_ATTR`	The default value is `uid`.

Access Manager SDK Configuration Information

This section contains the following topics:

Access Manager SDK Administration

For detailed explanations of the fields in this worksheet, refer to the tables"Access Manager SDK Administration Information" on page 57.

TABLE 4–13 Access Manager SDK Administration Configuration Worksheet

Label and State File Parameter	Data
Administrator User ID	Your data: _____
`IS_ADMIN_USER_ID`	The default name, `amadmin`, cannot be changed.
Administrator Password	Your data: _____
`IS_ADMINPASSWD`	Set this value to the same value used by Access Manager on the remote host.

TABLE 4–13 Access Manager SDK Administration Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
LDAP User ID	Your data: _____
IS_LDAP_USER	The default user name, amldapuser, cannot be changed.
LDAP Password	Your data: _____
IS_LDAPUSERPASSWD	Set this value to the same value used by Access Manager on the remote host.
Password Encryption Key	Your data: _____
AM_ENC_PWD	The password encryption key be 12 characters or longer for a new install, or it can be blank. For an upgrade, the password can be shorter. Required for a remote portal installation.

Access Manager SDK Directory Server

For detailed explanations of the fields in this worksheet, refer to the tables"Access Manager SDK Directory Server Information" on page 58.

TABLE 4–14 Access Manager SDK Directory Server Configuration Worksheet

Label and State File Parameter	Data
Directory Server Host	Your data: _____
IS_DS_HOSTNAME	Set this value to the same value used by Access Manager on the remote host.
Directory Server Port	Your data: _____
IS_DS_PORT	Set this value to the same value used by Access Manager on the remote host.
Access Manager Directory Root Suffix	Your data: _____
IS_ROOT_SUFFIX	Set this value to the same value used by Access Manager on the remote host. The default value is based on the fully qualified domain name for this host, minus the host name. For example, if this host is siroe.subdomain.example.com , the value is dc=subdomain,dc=example,dc=com. Use this default value as an example of format only.
Directory Manager DN	Your data: _____
IS_DIRMGRDN	Set this value to the same value used by Access Manager on the remote host. The default value is cn=Directory Manager.
Directory Manager Password	Your data: _____
IS_DIRMGRPASSWD	Set this value to the same value used by Access Manager on the remote host.

Access Manager SDK Provisioned Directory

For detailed explanations of the fields in this worksheet, refer to the tables"Access Manager SDK Provisioned Directory Information" on page 59.

TABLE 4–15 Access Manager SDK Provisioned Directory Configuration Worksheet

Label and State File Parameter	Data
User Naming Attribute	Your data: _____
`IS_USER_NAMING_ATTR`	The default value is `uid`.

Existing Provisioned Directory Found

If the installer finds an existing provisioned directory, you provide the following information.

For detailed explanations of the fields in this worksheet, refer to the tables "Existing Provisioned Directory Found" on page 59.

TABLE 4–16 Existing Provisioned Directory Information for Access Manager SDK

Label and State File Parameter	Data
User Naming Attribute `IS_USER_NAMING_ATTR`	Your data: _____ The default value is `uid`.

No Existing Provisioned Directory Found

For detailed explanations of the fields in this worksheet, refer to the tables "No Existing Provisioned Directory Found" on page 60.

TABLE 4–17 No Existing Provisioned Directory Information for Access Manager SDK

Label and State File Parameter	Data
Is Directory Server provisioned with user data? `IS_LOAD_DIT`	Your data: _____ The default value is `No`.
Organization Marker Object Class `IS_ORG_OBJECT_CLASS`	Your data: _____ The default value is `SunISManagedOrganization`.
Organization Naming Attribute `IS_ORG_NAMING_ATTR`	Your data: _____ The default value is `o`.

TABLE 4–17 No Existing Provisioned Directory Information for Access Manager SDK *(Continued)*

Label and State File Parameter	Data
User Marker Object Class	Your data: _____
`IS_USER_OBJECT_CLASS`	The default value is `inetorgperson`.
User Naming Attribute	Your data: _____
`IS_USER_NAMING_ATTR`	The default value is `uid`.

Access Manager SDK Web Container

For detailed explanations of the fields in this worksheet, refer to the tables"Access Manager SDK Web Container Information" on page 60.

TABLE 4–18 Access Manager SDK Web Container Configuration Worksheet

Label and State File Parameter	Data
Host	Your data: _____
`IS_WS_HOST_NAME`	There is no default value.
Services Deployment URI	Your data: _____
`SERVER_DEPLOY_URI`	The default value is `amserver`. Do not enter a leading slash.
Cookie Domain	Your data: _____
`COOKIE_DOMAIN_LIST`	The default value is the current domain, prefixed by a dot (`.`), such as `.example.com`.
Web Container Hostname	Your data: _____
`IS_SERVER_HOST`	
Web Container Port	Your data: _____
`IS_SERVER_PORT`	
Web Container Protocol	Your data: _____
`IS_SERVER_PROTOCOL`	
Services Port	Your data: _____
`IS_WS_INSTANCE_PORT` `IS_IAS81INSTANCE_PORT`	Use the port number specified when Access Manager core services were installed. Web Server is default 80, (Application Server is 8080.

Application Server Configuration Information

This section contains worksheets for the following topics:

For detailed explanations of the fields in this worksheet, refer to the tables under "Access Manager Configuration Information" on page 45.

Application Server Administration

For detailed explanations of the fields in this worksheet, refer to the tables under "Application Server Administration Information" on page 62.

TABLE 4–19 Application Server Administration Configuration Worksheet

Label and State File Parameter	Data
Admin User Name	Your data: _____
`AS_ADMIN_USER_NAME`	The default value is the Administrator User ID you provided under Common Server Settings. Refer to "Common Settings" on page 43. Note: If you chose to use a single administrator account, this field is not present.
Password	Your data: _____
`AS_PASSWORD`	The default value is the Administrator Password you provided under Common Server Settings. Minimum of 8 characters. Refer to "Common Settings" on page 43. Note: If you chose to use a single administrator account, this field is not present.
Admin Port	Your data: _____
`AS_ADMIN_PORT`	The default value is `4849`.
JMX Port	Your data: _____
`AS_JMX_PORT`	The default value is `8686`.
HTTP Server Port	Your data: _____
`AS_HTTP_PORT`	The default value is `8080`. If the installer detects that the default port is used, an alternative value is suggested.
HTTPS Port	Your data: _____
`AS_HTTPS_PORT`	The default value is `8181`.

TABLE 4–19 Application Server Administration Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Master Password	Your data: _____
`AS_MASTER_PASSWORD`	The default value is the Administrator Password you provided under Common Server Settings. Minimum of 8 characters.

Application Server Node Agent

For detailed explanations of the fields in this worksheet, refer to the tables under "Application Server Node Agent Information" on page 63.

TABLE 4–20 Application Server Node Agent Configuration Worksheet

Label and State File Parameter	Data
Admin Host Name	Your data: _____
`ASNA_ADMIN_HOST_NAME`	The default value is the name of local host, including domain.
Admin User Name	Your data: _____
`ASNA_ADMIN_USER_NAME`	The default value is the Administrator User ID you provided under Common Server Settings. Note: If you chose to use a single administrator account, this field is not present.
Password	Your data: _____
`ASNA_PASSWORD`	Password for the Application Server admin user. There is no default value. Note: If you chose to use a single administrator account, this field is not present.
Master Password	Your data: _____
`ASNA_MASTER_PASSWORD`	Default value is the admin password you provided under Common Server Settings.
Admin Port	Your data: _____
`ASNA_ADMIN_PORT`	The default value is `4849`.
Node Agent Name	Your data: _____
`ASNA_NODE_AGENT_NAME`	Name of the local node. The default value is the local host name.

Application Server Load Balancing Plugin

For detailed explanations of the fields in this worksheet, refer to the tables under "Application Server Load Balancing Plugin Information" on page 64.

TABLE 4–21 Application Server Load Balancing Plugin Configuration Worksheet

Label and State File Parameter	Data
Web server that the load balancing plugin will use `AS_WEB_SERVER_PLUGIN_TYPE`	Your data: _____ The default value is `Sun Java System Web Server`. Note: HP-UX does not support Apache Web Server.
Web server installation directory `AS_WEB_SERVER_LOCATION`	Your data: _____ The default value is: Solaris OS: `/opt/SUNWwbsvr7` Linux and HP-UX: `/opt/sun/webserver7`
Web Server instance directory `CMN_WS_INSTANCE_DIR`	Your data: _____ The default value is: Solaris OS: `/var/opt/SUNWwbsvr7` Linux and HP-UX: `/var/opt/sun/webserver7`

Directory Server Configuration Information

This sections contains worksheets for the following topics:

- "Directory Server Instance Creation Choice " on page 101
- "Directory Server Instance Creation " on page 102

Directory Server Instance Creation Choice

For detailed explanations of the fields in this worksheet, refer to the tables under "Directory Server Instance Creation Choice Information" on page 64.

TABLE 4–22 Directory Server Instance Creation Choice Configuration Worksheet

Label and State File Parameter	Data
Choose to create a directory instance `CREATE_INSTANCE`	Your data: _____ The default value is `Yes`. If you accept the default, you will be asked to provide the information required to create an instance.

Directory Server Instance Creation

For detailed explanations of the fields in this worksheet, refer to the tables under "Directory Server Instance Creation Information" on page 65.

TABLE 4–23 Directory Server Instance Creation Configuration Worksheet

Label and State File Parameter	Data
Instance Directory `DSEE_INSTANCE_DIRECTORY`	Your data: _____ The default value is: Solaris OS: `/var/opt/SUNWdsee/dsinst1` Linux and HP-UX: `/var/opt/sun/dsinst1`
Directory Instance Port `DSEE_INSTANCE_PORT`	Your data: _____ The default value is `389`.
Directory Instance SSL Port `DSEE_INSTANCE_SSL_PORT`	Your data: _____ The default value is `636`.
Directory Manager DN `DSEE_DN_MANAGER`	Your data: _____ The default value is `cn=Directory Manager`.
System User `DSEE_INSTANCE_USER`	Your data: _____ The default value is `root`.
System Group `DSEE_INSTANCE_GROUP`	Your data: _____ The default value is `root`.

TABLE 4–23 Directory Server Instance Creation Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Directory Manager Password `DSEE_INSTANCE_PASSWORD`	Your data: _____ The default value is the Administrator Password you provided under Common Server Settings. Minimum of 8 characters. Refer to "Common Settings" on page 43.
Suffix `DSEE_SUFFIX`	Your data: _____ The default value is formed by the segments of the fully qualified domain name for the current host. For example, if you install on `siroe.sub1.example.com`, the default value is `dc=sub1,dc=example,dc=com`.

HADB Configuration Information

For detailed explanations of the fields in this worksheet, refer to the tables under "HADB Configuration Information" on page 66.

TABLE 4–24 HADB Configuration Worksheet

Label and State File Parameter	Data
HADB Management Port `HADB_DEFAULT_ADMINPORT`	Your data: _____ For example: 1862
HADB Resource Directory `HADB_DEFAULT_RESDIR`	Your data: _____ For example: `/var/opt`
HADB Administrator Group `HADB_DEFAULT_GROUP`	Your data: _____ The default value is `other`.
HADB Automatic Startup `HADB_AUTO_START`	Your data: _____ The default value is `Yes`.
HADB Group Management `HADB_ALLOW_GROUPMANAGE`	Your data: _____ The default value is `No`.

Portal Server Configuration Information

This section contains worksheets for the following topics:

Portal Server Web Container Choice

For detailed explanations of the fields in this worksheet, refer to the tables under "Portal Server Web Container Choice" on page 67.

TABLE 4–25 Portal Server Web Container Choice Configuration Worksheet

Label and State File Parameter	Data
Web container choice for Portal Server `PS_DEPLOY_TYPE`	Your data: _____ The default value is `Web Server`.

Portal Server on Java ES Application Server

For detailed explanations of the fields in this worksheet, refer to the tables under "Portal Server Java ES Application Server as Web Container" on page 67.

TABLE 4–26 Portal Server on Java ES Application Server Configuration Worksheet

Label and State File Parameter	Data
Installation Directory `PS_DEPLOY_DIR`	Your data: _____ The default value is: Solaris OS: `/opt/SUNWappserver/appserver` Linux and HP-UX: `/opt/sun/appserver`
Domain Name `PS_DEPLOY_DOMAIN`	Your data: _____ The default value is `domain1`.

TABLE 4–26 Portal Server on Java ES Application Server Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Server Instance Directory `PS_DEPLOY_INSTANCE_DIR`	Your data: _____ The default value is: Solaris OS: `/var/opt/SUNWappserver/domains/domain1` Linux and HP-UX: `/var/opt/sun/appserver/domains/domain1`
Server Instance Port `PS_DEPLOY_PORT`	Your data: _____ The default value is `8080`.
Document Root Directory `PS_DEPLOY_DOCROOT`	Your data: _____ Solaris OS: `/var/opt/SUNWappserver/domains/domain1/docroot` Linux and HP-UX: `/var/opt/sun/appserver/domains/domain1/docroot`
Administration Port `PS_DEPLOY_ADMIN_PORT`	Your data: _____ The default value is `4849`.
Administrator User ID `PS_DEPLOY_ADMIN`	Your data: _____ The default value is `admin`.
Administrator Password `PS_DEPLOY_ADMIN_PASSWORD`	Your data: _____ The default value is from Common Server Settings.
Secure Server Instance Protocol `PS_DEPLOY_PROTOCOL`	Your data: _____ The default value is `http`.
Secure Administration Server Protocol `PS_DEPLOY_ADMIN_PROTOCOL`	Your data: _____ The default value is `http`.

Portal Server on Java ES Web Server

For detailed explanations of the fields in this worksheet, refer to the tables under "Portal Server Java ES Web Server as Web Container" on page 69.

TABLE 4–27 Portal Server on Java ES Web Server Configuration Worksheet

Label and State File Parameter	Data
Installation Directory `PS_DEPLOY_DIR`	Your data: _____ The default value is: Solaris OS: `/opt/SUNWwbsvr7` Linux and HP-UX: `/opt/sun/webserver7`
Administration Domain `PS_DEPLOY_DOMAIN`	Your data: _____ The default value is `domain1`.
Instance Directory `PS_INSTANCE_DIR`	Your data: _____ The default value is: Solaris OS: `/var/opt/SUNWwbsvr7-`*hostname.domainname* Linux and HP-UX: `/var/opt/sun/webserver7-`*hostname.domainname*
Server Instance Port `PS_DEPLOY_PORT`	Your data: _____ The default value is `80`.
Server Document Root `PS_DEPLOY_DOCROOT`	Your data: _____ The default value is: Solaris OS: `/opt/SUNWwbsvr7/docs` Linux and HP-UX: `/opt/sun/webserver7/docs`.
Secure Server Instance Port `PS_DEPLOY_PROTOCOL`	Your data: _____ The default value is: `http`.
Administration Host `PS_DEPLOY_ADMIN_HOST`	Your data: _____ Fully qualified domain name. For example, `mycomputer.example.com`.
Administration Port `PS_DEPLOY_ADMIN_PORT`	Your data: _____ The default value is `8989`

TABLE 4–27 Portal Server on Java ES Web Server Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Secure Server Admin Protocol `PS_DEPLOY_ADMIN_PROTOCOL`	Your data: _____ The default value is selected (`https`).

Portal Server on BEA WebLogic Server

For detailed explanations of the fields in this worksheet, refer to the tables under "Portal Server BEA WebLogic as Web Container" on page 70.

TABLE 4–28 Portal Server on BEA WebLogic Server Configuration Worksheet

Label and State File Parameter	Data
Installation Directory `PS_DEPLOY_PRODUCT_DIR`	Your data: _____ The default value is `/usr/local/bea/weblogic81`.
Instance Directory `PS_DEPLOY_INSTANCE_DIR`	Your data: _____ The default value is `/usr/local/bea/user_projects/domains`.
JDK Home Directory `PS_DEPLOY_JDK_DIR`	Your data: _____ The default value is `/usr/local/bea/jdk142_05`.
Server / Cluster Port `PS_DEPLOY_PORT`	Your data: _____ The default value is `7001`.
Server / Cluster Protocol `PS_DEPLOY_PROTOCOL`	Your data: _____ The default value is `http`.
Administrator User ID `PS_DEPLOY_ADMIN`	Your data: _____ The default value is `weblogic`.
Administrator Password `PS_DEPLOY_ADMIN_PASSWORD`	Your data: _____

TABLE 4–28 Portal Server on BEA WebLogic Server Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Administrator Host `PS_DEPLOY_ADMIN_HOST`	Your data: _____ Fully qualified domain name. For example, `mycomputer.example.com`.
Administrator Port `PS_DEPLOY_ADMIN_PORT`	Your data: _____ The default value is `7001`.
Administrator Protocol `PS_DEPLOY_ADMIN_PROTOCOL`	Your data: _____ The default value is `http`.
Managed Server `PS_DEPLOY_NOW`	Your data: _____ The default value is `n`.

Portal Server on IBM WebSphere Application Server

For detailed explanations of the fields in this worksheet, refer to the tables under "Portal Server IBM WebSphere as Web Container" on page 71.

TABLE 4–29 Portal Server on IBM WebSphere Application Server Configuration Worksheet

Label and State File Parameter	Data
Installation Directory `PS_DEPLOY_DIR`	Your data: _____ The default value is:`/opt/IBM/WebSphere/Express51/AppServer`.
Cell Name `PS_DEPLOY_CELL`	Your data: _____ The default value is `DefaultNode`.
Node Name `PS_DEPLOY_NODE`	Your data: _____ The default value is `DefaultNode`.
Server Instance `PS_DEPLOY_INSTANCE`	Your data: _____ The default value is `server1`.

TABLE 4–29 Portal Server on IBM WebSphere Application Server Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Server Instance Port `PS_DEPLOY_PORT`	Your data: _____ The default value is `9080`.
Server Instance Protocol `PS_DEPLOY_PROTOCOL`	Your data: _____ The default value is `http`.
Document Root Directory `PS_DEPLOY_DOCROOT`	Your data: _____ The default value is `/opt/IBM/WebSphere/Express51/AppServer/installedApps\` `DefaultNode/DefaultApplication.ear`.
JDK Home Directory `PS_DEPLOY_JDK_DIR`	Your data: _____ The default value is `/opt/IBM/WebsSphere/Express51/Appserver/java`.
Administrator User ID `PS_DEPLOY_ADMIN`	Your data: _____ The default value is `weblogic`.
Administrator Password `PS_DEPLOY_ADMIN_PASSWORD`	Password of the WebSphere administrator (system user).
Administrator Host `PS_DEPLOY_ADMIN_HOST`	Administrator server host name. Fully qualified domain name. For example, `mycomputer.example.com`.
Administrator Port `PS_DEPLOY_ADMIN_PORT`	The default value is `7090`.
Administrator Protocol `PS_DEPLOY_ADMIN_PROTOCOL`	Specify whether the Administrator Port is a secure port. A secure port uses the HTTPS protocol. A non-secure port uses HTTP. The default value is `http`.

Portal Server on Web Container

For detailed explanations of the fields in this worksheet, refer to the tables under "Portal Server Web Container Deployment Information" on page 73.

TABLE 4–30 Portal Server on Web Container Configuration Worksheet

Label and State File Parameter	Data
Portal Access `PS_PORTALACCESS_URL`	Your data: _____
Portal ID `PS_PORTAL_ID`	Your data: _____ The default value is `portal1`.
Search ID `PS_SEARCH_ID`	Your data: _____ The default value is `search1`.
Deployment URI `PS_DEPLOY_URI`	Your data: _____ The default value is `/portal`.
Portal Instance ID `PS_INSTANCE_ID`	Your data: _____
Enable Secure Remote Access `SRA_SWITCH_CORE`	Your data: _____ The default value is `Disabled`.
Developer Sample `PS_DEVELOPER_PORTAL`	Your data: _____ The default value is selected.
Enterprise Sample `PS_ENTERPRISE_PORTAL`	Your data: _____ The default value is selected.
Community Sample `PS_COMMUNITY_PORTAL`	Your data: _____ The default value is selected.

Portal Server Secure Remote Access Configuration Information

This section contains worksheets for the following topics:

Portal Server Secure Remote Access Gateway Access

For detailed explanations of the fields in this worksheet, refer to the tables under "Portal Server Secure Remote Access Gateway Access" on page 74.

TABLE 4–31 Portal Server Secure Remote Access Gateway Access Configuration Worksheet

Label and State File Parameter	Data
Host Name `SRA_SERVER_HOST`	Your data: _____ The default value is the name of the local host.
Subdomain `SRA_SERVER_DOMAIN`	Your data: _____ The default value is the domain name of the host.
Domain `SRA_GATEWAY_DOMAIN`	Your data: _____ The default value is the default domain of the host.
Access Port `SRA_GATEWAY_PORT`	Your data: _____ The default value is `443`.
Gateway Profile Name `SRA_GATEWAY_PROFILE`	Your data: _____ The default value is `default`.
Log User Password `SRA_LOG_USER_PASSWORD`	Your data: _____

Portal Server Secure Remote Access Gateway Configuration

For detailed explanations of the fields in this worksheet, refer to the tables under "Portal Server Secure Remote Access Gateway Configuration" on page 75.

TABLE 4–32 Portal Server Secure Remote Access Gateway Configuration Worksheet

Label and State File Parameter	Data
Protocol `SRA_GW_PROTOCOL`	Your data: _____ The default value is `https`.
Host Name `SRA_GW_HOSTNAME`	Your data: _____ The default value is the name of the local host.
Subdomain `SRA_GW_SUBDOMAIN`	Your data: _____ There is no default value.
Domain `SRA_GW_DOMAIN`	Your data: _____ The default value is the domain of the local host.
Host IP Address `SRA_GW_IPADDRESS`	Your data: _____ The default value is IP address of the local host.
Access Port `SRA_GW_PORT`	Your data: _____ The default value is `443`.
Gateway Profile Name `SRA_GW_PROFILE`	Your data: _____ The default value is `default`.

Portal Server Secure Remote Access Netlet Proxy

For detailed explanations of the fields in this worksheet, refer to the tables under "Portal Server Secure Remote Access Netlet Proxy Configuration" on page 76.

TABLE 4–33 Portal Server Secure Remote Access Netlet Proxy Configuration Worksheet

Label and State File Parameter	Data
Host Name `SRA_NLP_HOSTNAME`	Your data: _____ The default value is the name of the local host.

TABLE 4–33 Portal Server Secure Remote Access Netlet Proxy Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Subdomain `SRA_NLP_SUBDOMAIN`	Your data: _____ There is no default value.
Domain `SRA_NLP_DOMAIN`	Your data: _____ The default value is the domain of the local host.
Host IP Address `SRA_NLP_IPADDRESS`	Your data: _____ The default value is the IP address of the local host.
Access Port `SRA_NLP_PORT`	Your data: _____ The default value is `10555`.
Gateway Profile Name `SRA_NLP_GATEWAY_PROFILE`	Your data: _____ The default value is `default`.

Portal Server Secure Remote Access Rewriter Proxy

For detailed explanations of the fields in this worksheet, refer to the tables under "Portal Server Secure Remote Access Rewriter Proxy Configuration" on page 77.

TABLE 4–34 Portal Server Secure Remote Access Rewriter Proxy Configuration Worksheet

Label and State File Parameter	Data
Host Name	Your data: _____
`SRA_RWP_HOSTNAME`	The default value is the name of the local host.
Subdomain	Your data: _____
`SRA_RWP_SUBDOMAIN`	There is no default value.
Domain	Your data: _____
`SRA_RWP_DOMAIN`	The default value is the domain name of the local host.
Host IP Address	Your data: _____
`SRA_RWP_IPADDRESS`	The default value is the IP address of the local host.

TABLE 4–34 Portal Server Secure Remote Access Rewriter Proxy Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Access Port	Your data: _____
`SRA_RWP_PORT`	The default value is `10443`.
Gateway Profile Name	Your data: _____
`SRA_RWP_GATEWAY_PROFILE`	The default value is `default`.

Portal Server Secure Remote Access Certificate

For detailed explanations of the fields in this worksheet, refer to the tables under "Portal Server Secure Remote Access Certificate Information" on page 78.

TABLE 4–35 Portal Server Secure Remote Access Certificate Configuration Worksheet

Label and State File Parameter	Data
Organization	Your data: _____
`SRA_CERT_ORGANIZATION`	
Division	Your data: _____
`SRA_CERT_DIVISION`	
City/Locality	Your data: _____
`SRA_CERT_CITY`	
State/Province	Your data: _____
`SRA_CERT_STATE`	
Country Code	Your data: _____
`SRA_CERT_COUNTRY`	Two-letter country code.
Certificate Database Password	Your data: _____
`SRA_CERT_PASSWORD`	Password (and confirmation) that applies only to self-signed certificates.

Web Proxy Server Configuration Information

For detailed explanations of the fields in this worksheet, refer to the tables under "Web Proxy Server Configuration Information" on page 79.

TABLE 4–36 Web Proxy Server Administration Configuration Worksheet

Label and State File Parameter	Data
Administrator User ID	Your data: _____
WPS_ADMIN_USER	For example: admin (default from Common Server Settings)
Administrator Password	Your data: _____
WPS_ADMIN_PASSWORD	Default from Common Server Settings.
Proxy Server Domain Name	Your data: _____
WPS_PROXY_DOMAIN	
Administration Port	Your data: _____
WPS_ADMIN_PORT	The default value is: 8888.
Administration Server Runtime User ID	Your data: _____
WPS_ADMIN_RUNTIME_USER	The default value is: root.
Instance Runtime UNIX User ID	Your data: _____
WPS_INSTANCE_RUNTIME_USER	The default value is: nobody
Proxy Instance Port	Your data: _____
WPS_INSTANCE_PORT	The default value is: 8080.
Instance Auto Start Value	Your data: _____
WPS_INSTANCE_AUTO_START	The default value is N.

Web Server Configuration Information

This section contains worksheets for the following topics:

Web Server Configuration Type

For detailed explanations of the fields in this worksheet, refer to the tables under, "Web Server Choice of Configuration Type " on page 80.

TABLE 4–37 Web Server Configuration Type Configuration Worksheet

Label and State File Parameter	Data
Configure Admin Instance as Server	Your data: _____
`WS_ADMIN_IS_SERVER_MODE`	The default value is unselected.
Configure Admin Instance as Node	Your data: _____
`WS_ADMIN_IS_NODE_MODE`	The default value is selected.
Automatically start server when system starts	Your data: _____
`WS_START_ON_BOOT`	The default value is `F`.

Web Server Administration Server Settings

For detailed explanations of the fields in this worksheet, refer to the tables under "Web Server Administration Server Settings" on page 81.

TABLE 4–38 Web Server Administration Server Settings Configuration Worksheet

Label and State File Parameter	Data
Administrator Server User ID	Your data: _____
`WS_ADMIN_SERVER_USER`	The default value is root or the value you provided under Common Server Settings.
	Note: If you chose to use a single administrator account, this field is not present.
Administrator User ID	Your data: _____
`WS_LOGIN_USER`	The default value is admin or the value you provided under Common Server Settings.
	Note: If you chose to use a single administrator account, this field is not present.
Administrator Password	Your data: _____
`WS_LOGIN_PASSWORD`	The default value is the value you provided under Common Server Settings.
	Note: If you chose to use a single administrator account, this field is not present.
Server Host	Your data: _____
`WS_ADMIN_HOST`	The value has the format *hostname.domainname*.
SSL Port	Your data: _____
`WS_ADMIN_SSL_PORT`	The default value is `8989`.
HTTP Port	Your data: _____
`WS_ADMIN_HTTP_PORT`	The default value is `8800`.

Web Server Administration Node Settings

For detailed explanations of the fields in this worksheet, refer to the tables under "Web Server Administration Node Settings" on page 82.

TABLE 4–39 Web Server Administration Node Settings Configuration Worksheet

Label and State File Parameter	Data
Node Host	Your data: _____
`WS_NODE_HOST`	Fully qualified name of host. For example, `mycomputer.example.com`.
SSL Port	Your data: _____
`WS_NODE_SSL_PORT`	The default value is `8989`.
Runtime User ID	Your data: _____
`WS_INSTANCE_USER`	The default value is `root`.
Register Node with Remote Administration Server	Your data: _____
`WS_REGISTER_NODE`	The default value is selected.
Remote Server Host	Your data: _____
`WS_ADMIN_HOST`	Fully qualified domain name of the remote host on which the Administration Server is installed.
Remote Server SSL Port	Your data: _____
`WS_ADMIN_SSL_PORT`	The default value is `8989`.
Remote Server User Name	Your data: _____
`WS_ADMIN_LOGIN_USER`	Administrator user name used to log in to the remote Administration Server.
Remote Server Password	Your data: _____
`WS_ADMIN_LOGIN_PASSWORD`	Password used to log in to the remote Administration Server.

Web Server Instance Settings

For detailed explanations of the fields in this worksheet, refer to the tables under "Web Server Instance Settings" on page 83.

TABLE 4–40 Web Server Instance Settings Configuration Worksheet

Label and State File Parameter	Data
Server Name	Your data: _____
WS_SERVER_NAME	The default value is:webservd.
HTTP Port	Your data: _____
WS_HTTP_PORT	The default value is: 80.
Runtime UNIX User ID	Your data: _____
WS_SERVER_USER	The default value is: webservd.
Document Root Directory	Your data: _____
WS_DOCROOT	The default value is:
	Solaris OS: /var/opt/SUNWwbsvr7/https:-*hostname.domain*/docs
	Linux and HP-UX: /var/opt/sun/webserver7/https:-*hostname.domain*/docs

Parameters Used Only in State Files Configuration Information

For detailed explanations of the fields in this worksheet, refer to the tables under"Parameters Used Only in State Files" on page 84.

TABLE 4–41 Parameters Used in State Files Configuration Worksheet

Label and State File Parameter	Data
CCCP_UPGRADE_EXTERNAL_ \	Your data: _____
INCOMPATIBLE_JDK	The parameter is case sensitive. The default value is no.
CONFIG_TYPE	Your data: _____
	The default value is Custom, called Configure Now.
DeploymentServer	Your data: _____
	The default value is AppServer.
PSDEPLOYTYPE	Your data: _____
	Permitted values are IWS, SUNONE8, WEBLOGIC, WEBSPHERE.
LOCALE	Your data: _____
	Permitted value is False.

TABLE 4–41 Parameters Used in State Files Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
LICENSE_TYPE	Your data: _____
	The permitted values are Evaluation and Deployment, but this field is not used.
PSP_EXIT_ON_DEPENDENCY_WARNING	Your data: _____
	Permitted values is No.
PSP_LOG_CURRENTLY_INSTALLED	Your data: _____
	Permitted value is Yes.
PSP_SELECTED_COMPONENTS	Your data: _____
	Permitted value ALL.

◆ ◆ ◆ CHAPTER 5

List of Installable Packages

The following sections list the packages installed by the Sun Java™ Enterprise System (Java ES) installer:

Solaris Packages

This section lists the Java ES packages associated with Solaris OS.

Installation Packages for Solaris OS

TABLE 5–1 Installation Packages for Solaris OS

Package	Package Name
Java ES All	`SUNWentsys5i`
Application Platform Suite	`SUNWapp-entsys5i`
Availability Suite	`SUNWavail-entsys5i`
Identity Management Suite	`SUNWident-entsys5i`

TABLE 5–1 Installation Packages for Solaris OS *(Continued)*

Package	Package Name
Web Infrastructure Suite	SUNWweb-entsys5i
Shared Components bundle	SUNWshare-entsys5i

Uninstallation Packages for Solaris OS

TABLE 5–2 Uninstallation Packages for Solaris OS

Package	Package Name
Java ES All	SUNWentsys5
Application Platform Suite	SUNWapp-entsys5
Availability Suite	SUNWavail-entsys5
Identity Management Suite	SUNWident-entsys5
Web Infrastructure Suite	SUNWweb-entsys5

Solaris Packages Installed for Product Components

This section lists installed Solaris packages for each Java ES product component.

Access Manager Solaris Packages

TABLE 5–3 Access Manager Packages for Solaris OS

Product Component	Packages
Access Manager	SUNWamsam SUNWamsci SUNWamrsa SUNWamclnt SUNWamutl
Identity Management and Policy Services Core	SUNWamsvc SUNWamsvcconfig
Administration Console	SUNWamcon SUNWampwd

TABLE 5–3 Access Manager Packages for Solaris OS *(Continued)*

Product Component	Packages
Common Domain Services for Federation Management	SUNWamfcd
Access Manager SDK	SUNWamext SUNWamconsdk SUNWamsdk SUNWamclnt SUNWamsdkconfig SUNWamdistauth
Distributed Authentication	SUNWamclnt SUNWamdistauth SUNWamutl
Client SDK	SUNWamclnt SUNWamutl
Session Failover Client	SUNWamsfodb

Application Server Solaris Packages

TABLE 5–4 Application Server Packages for Solaris OS

Product Component	Packages
Application Server, Enterprise Edition	SUNWasacee SUNWascml SUNWasdem SUNWashdm SUNWasman SUNWasmanee SUNWascmn SUNWascmnse SUNWasu SUNWasuee SUNWasut SUNWasr SUNWasjdoc SUNWasJdbcDrivers
Administration Client	SUNWasac
Load Balancing Plugin	SUNWaslb

Directory Preparation Tool Packages

TABLE 5–5 Directory Preparation Tool Packages for Solaris OS

Product Component	Packages
Directory Preparation Tool	SUNWcomds

Directory Server Solaris Packages

TABLE 5–6 Directory Server Packages for Solaris OS

Product Component	Packages
Directory Server Core Server	SUNWldap-console-agent SUNWldap-console-cli SUNWldap-console-common SUNWldap-console-gui SUNWldap-console-gui-help SUNWldap-console-var SUNWldap-directory SUNWldap-directory-client SUNWldap-directory-config SUNWldap-directory-dev SUNWldap-directory-man SUNWldap-shared
Directory Service Control Center	SUNWldap-console SUNWldap-console-common SUNWldap-console-gui SUNWldap-console-gui-help SUNWldap-console-var SUNWldap-directory-client SUNWldap-proxy-client SUNWldap-shared
Directory Proxy Server	SUNWldap-proxy SUNWldap-proxy-config SUNWldap-proxy-client SUNWldap-console-common SUNWldap-console-var SUNWldap-console-agent SUNWldap-directory-man SUNWldap-shared

TABLE 5–6 Directory Server Packages for Solaris OS *(Continued)*

Product Component	Packages
Directory Service Command-Line Utilities	SUNWldap-console-cli SUNWldap-console-common SUNWldap-directory-client SUNWldap-proxy-client SUNWldap-console-var SWUNldap-shared

HADB Solaris Packages

TABLE 5–7 HADB Packages for Solaris OS

Product Component	Packages
HADB	SUNWhadbc SUNWhadbe SUNWhadbv SUNWhadbx SUNWhadba SUNWhadbi SUNWhadbs SUNWhadbj SUNWhadbm

Java DB Solaris Packages

TABLE 5–8 Java DB Solaris Packages

Product Component	Packages
Java DB	SUNWjavadb-common SUNWjavadb-client SUNWjavadb-core SUNWjavadb-demo SUNWjavadb-docs SUNWjavadb-javadoc

Message Queue Solaris Packages

TABLE 5–9 Message Queue Packages for Solaris OS

Product Component	Packages
Message Queue	SUNWiqcdv SUNWiqcrt SUNWiqdoc SUNWiqfs SUNWiqjx SUNWiqlen SUNWiqlpl SUNWiqr SUNWiqu SUNWiquc SUNWiqum

Monitoring Console Solaris Packages

TABLE 5–10 Monitoring Console Packages for Solaris OS

Product Component	Packages
Monitoring Console	SUNWjesmc SUNWjesmcr SUNWmfwk-ma

Portal Server Solaris Packages

TABLE 5–11 Portal Server Packages for Solaris OS

Product Component	Packages
Portal Server	SUNWebnfs SUNWportal-admin SUNWportal-base SUNWportal-portlets SUNWportal-search

Portal Server Secure Remote Access Solaris Packages

TABLE 5–12 Portal Server SRA Packages for Solaris OS

Product Component	Packages
Portal Server Secure Remote Access	SUNWportal-sracommon SUNWportal-sracore SUNWportal-sragateway SUNWportal-sranetletproxy SUNWportal-srarewriterproxy

Service Registry Solaris Packages

TABLE 5–13 Service Registry Packages for Solaris OS

Product Component	Packages
Service Registry	SUNWsrvc-registry-dev SUNWsrvc-registry-deploy

Sun Cluster Geographic Edition Solaris Packages

TABLE 5–14 Sun Cluster Geographic Edition Packages for Solaris OS

Product Component	Packages
Sun Cluster Geographic Edition	SUNWscmautil SUNWscmautilr SUNWscghb SUNWschbr SUNWscgctl SUNWscgctlr SUNWscgreptc SUNWscgreptcu SUNWscgsmp SUNWscgman SUNWscgrepavsu SUNWscgrepsrdfu (SPARC only) SUNWscgrepsrdf SUNWscgrepavs

Sun Cluster Software and Agents Solaris Packages

TABLE 5–15 Sun Cluster Software Packages for Solaris 9 OS

Product Component	Packages
Sun Cluster software	SUNWscdev SUNWscgds SUNWscman SUNWscnm SUNWscr SUNWscsal SUNWscvm (SPARC only) SUNWmdm SUNWscsam SUNWscsck SUNWscu SUNWscva SUNWscmasa SUNWscspm SUNWscspmu SUNWscspmr

TABLE 5–16 Sun Cluster Packages for Solaris 10 OS

Product Component	Packages
Sun Cluster software	SUNWscdev SUNWscgds SUNWscman SUNWscnm SUNWscr SUNWscsal SUNWscvm (SPARC only) SUNWscu SUNWscva SUNWscspm SUNWscspmu SUNWscspmr SUNWmdmr SUNWmdmu SUNWscmasar SUNWscmasau SUNWscnmr SUNWscnmu SUNWscsckr SUNWscscku

TABLE 5–17 Sun Cluster Agents for Sun Java System Packages for Solaris OS

Product Component	Packages
Application Server Data Service	SUNWscs1as
Calendar Server Data Service	SUNWscics
Directory Server Data Service	SUNWldap-directory-ha
Instant Messaging Data Service	SUNWiimsc
Message Queue Data Service	SUNWscs1mq
Messaging Server Data Service	SUNWscims
Sun Cluster HA for Sun Java System HADB Data Service	SUNWschadb
Web Server Data Service	SUNWschtt

Web Server Solaris Packages

TABLE 5–18 Web Server Packages for Solaris OS

Product Component	Packages
Web Server	SUNWwbsvr7 SUNWwbsvr7-cli SUNWwbsvr7-dev SUNWwbsvr7x

Web Proxy Server

TABLE 5–19 Web Proxy Server Packages for Solaris OS

Product Component	Packages
Web Proxy Server	SUNWproxy

Solaris Packages Installed for Shared Components

TABLE 5–20 Shared Component Packages for Solaris OS

Shared Component	Packages	
Ant	SUNWant	
ACL (Apache Common Logging)	SUNWaclg	
Berkeley DB	SUNWbdb	SUNWbdbj
Common agent container	SUNWcacao SUNWcacaocfg SUNWcacaort SUNWcacaomon SUNWcacaowsvr	
FastInfoSet	SUNWfastinfoset	
ICU (International Components for Unicode	SUNWicu SUNWicux (SPARC 8,9 only)	
J2SE (Java 2 Standard Edition) JDK 1.5	SUNWj5rt SUNWj5cfg SUNWj5dev SUNWj5dmo SUNWj5man	SUNWj5jmp SUNWj5rtx SUNWj5dvx SUNWj5dmx
JATO (Java Studio Enterprise Web Application Framework)	SUNWjato SUNWjatodoc	SUNWjatodmo
JavaHelp software	SUNWjhrt SUNWjhdev	SUNWjhdoc SUNWjhdem
Java Mail API	SUNWjmail	
JAXB (Java Architecture for XML Binding)	SUNWjaxb SUNWjaxb2	
JAF (JavaBeans Activation Framework)	SUNWjaf	
JAXP (Java API for XML Processing)	SUNWjaxp	
JAXR (Java API for XML Registries) Runtime	SUNWxrgrt	
JAX-RPC (Java API for XML-based Remote Procedure Call)	SUNWxrpcrt SUNWxrgrtcompat	
JAXWS (Java API for XML Web Services)	SUNWjaxws	

TABLE 5–20 Shared Component Packages for Solaris OS *(Continued)*

Shared Component	Packages
JDMK (Java Dynamic Management Kit)	SUNWjdmk-runtime SUNWjdmk-runtime-jmx
JSTL (Java Server Pages Standard Tag Library)	SUNWjstl
JSS (Java Security Services)	SUNWjss SUNWjssx (SPARC 8, 9 only)
KTSE (KT Search Engine)	SUNWktse
LDAP C Language SDK	SUNWldk SUNWldapcsdk-dev SUNWldapcsdk-libs SUNWldapcsdk-tools
LDAP Java SDK	SUNWljdk
MA Core (Mobile Access Core)	SUNWamma SUNWammae SUNWma SUNWmae
NSPR (Netscape Portable Runtime)	SUNWpr SUNWprx (SPARC) SUNWprd
NSS (Netscape Security Services)	SUNWtls SUNWtlsx (SPARC 8, 9 only)
SAAJ (SOAP With Attachments API for Java)	SUNWxsrt SUNWxsrtcompat
SASL (Simple Authentication Security Layer)	SUNWsasl SUNWsaslx (SPARC 8, 9 only)
Sun Explorer Data Collector	SUNWexplo SUNWexplu SUNWexplj
Sun Java Monitoring Framework	SUNWmfwk-rt
Sun Java Web Console	SUNWmcon SUNWmcosx SUNWmconr SUNWmctag SUNWmcos
WSCL (Web Services Common Library)	SUNWwscl SUNWwsclcompat
XWSS (XML Web Services Security)	SUNWxwss

Localized Solaris Packages

This section lists the localized packages for the product components and those shared components that are localized. Most product components deliver their localization as the global all-in-one languages package identified by the l10n designation.

However, some components still have separate packages for each language. These packages are listed on the individual language tables in this section. Localized components that are not part of a global package include Application Server, Message Queue, all Sun Cluster components, JavaBeans Activation Framework, Java Mail API, Mobile Access Core, and Sun Java Web Console. Components that are not listed in a global language package or in a separate language package are not localized. For the individual language packages, the localized package names contain characters to identify the language. Some packages use an individual character inserted after "SUNW" in the package name. For example, the Japanese localized package for Web Server is `SUNWjwbsvr` while the Korean version of this package is `SUNWkwbsvr`.

The following table lists the one- and two-character abbreviations that identify localized package names.

TABLE 5–21 Language Abbreviations in Package Names

Language	One-Character Abbreviation	Two-CharacterAbbreviation
Simplified Chinese	c	zh
Traditional Chinese	h	tw
French	f	fr
German	d	de
Japanese	j	ja
Korean	k	ko
Spanish	e	es

Solaris Global Language Packages

TABLE 5–22 Global Language Packages for Solaris

Product Component	Packages

Access Manager	`SUNWam-l10n`
	`SUNWamclnt-l10n`
	`SUNWamdistauth-l10n`

TABLE 5–22 Global Language Packages for Solaris *(Continued)*

Product Component	Packages
Directory Server	SUNWldap-directory-l10n SUNWldap-directory-client-l10n SUNWldap-shared-l10n SUNWldap-console-gui-help-l10n SUNWldap-console-gui-l10n
Monitoring Console	SUNWjesmc-l10n
Portal Server and Portal SRA	SUNWamma-l10n SUNWportal-admin-l10n SUNWportal-base-l10n SUNWportal-portlets-l10n SUNWportal-search-l10n SUNWportal-sracore-l10n SUNWportal-sranetletporxy-l10n
Service Registry	SUNWsrvc-registry-deploy-l10n SUNWsrvc-registry-dev-l10n
Web Server	SUNWwbsvr7-l10n SUNWwbsvr7-cli-l10n
Web Proxy Server	SUNWproxy-l10n

Simplified Chinese Solaris Packages

TABLE 5–23 Localized Solaris Packages for Simplified Chinese

Product Component	Packages
Application Server	SUNWcasacee SUNWcascmnse SUNWcasu SUNWcasuee
Message Queue	SUNWciqu SUNWciquc
Sun Cluster Agents	SUNWcschtt SUNWcscs1as SUNWcschadb SUNWcscs1mq

TABLE 5–23 Localized Solaris Packages for Simplified Chinese *(Continued)*

Product Component	Packages
Sun Cluster Geographic Edition	SUNWcscgctl SUNWcscgrepavsu SUNWcscgreptcu SUNWcscgrepsrdfu SUNWcscgspm
Sun Cluster software	SUNWcsc SUNWcscspmu SUNWcscspm
Java Mail Runtime	SUNWcjafo SWUNcjmailo SUNWcmailo
Java Beans Activation Framework	SUNWcjaf SUNWcjafo
Sun Java Web Console	SUNWcmcon SUNWcmctg

Traditional Chinese Solaris Packages

TABLE 5–24 Localized Solaris Packages for Traditional Chinese

Product Component	Packages
Application Server	SUNWhasacee SUNWhascmnse SUNWhasu SUNWhasuee
Message Queue	SUNWhiqu SUNWhiquc
Sun Cluster Agents	SUNWhschtt SUNWhscs1as SUNWhscs1mq SUNWhschadb
Sun Cluster software	SUNWhsc SUNWhscspm SUNWhscspmu
Java Mail Runtime	SUNWhjafo SWUNhjmailo SUNWhmailo

TABLE 5–24 Localized Solaris Packages for Traditional Chinese *(Continued)*

Product Component	Packages
Java Beans Activation Framework	SUNWhjaf SUNWhjafo
Sun Java Web Console	SUNWhmcon SUNWhmctg

French Solaris Packages

TABLE 5–25 Localized Solaris Packages for the French Language

Product Component	Packages
Application Server	SUNWfasacee SUNWfascmnse SUNWfasu SUNWfasuee
Message Queue	SUNWfiqu SUNWfiquc
Sun Cluster Agents	SUNWfschtt SUNWfscs1as SUNWfschadb SUNWfscs1mq
Sun Cluster software	SUNWfsc SUNWfscspmu SUNWfscspm
Java Beans Activation Framework	SUNWfjaf SUNWefafo
Java Mail Runtime	SUNWfjafo SWUNfjmailo SUNWfmailo
Sun Java Web Console	SUNWfmcon SUNWfmctg

German Solaris Packages

TABLE 5–26 Localized Solaris Packages for the German Language

Product Component	Packages
Application Server	SUNWdasacee SUNWdascmnse SUNWdasu SUNWdasuee
Message Queue	SUNWdiqu SUNWdiquc
Sun Cluster Agents	SUNWdschtt SUNWdscs1as SUNWdscs1mq SUNWdschadb
Sun Cluster software	SUNWdsc SUNWdscspmu SUNWdscspm
Java Beans Activation Framework	SUNWdjaf SUNWdjafo
Java Mail Runtime	SUNWdjafo SWUNdjmailo SUNWdmailo
Sun Java Web Console	SUNWdmcon SUNWdmctg

Japanese Solaris Packages

TABLE 5–27 Localized Solaris Packages for the Japanese Language

Product Component	Packages
Application Server	SUNWjasacee SUNWjascmnse SUNWjasu SUNWjasuee
Message Queue	SUNWjiqu SUNWjiquc

TABLE 5–27 Localized Solaris Packages for the Japanese Language *(Continued)*

Product Component	Packages
Sun Cluster Agents	SUNWjschtt SUNWjscs1as SUNWjschadb SUNWjscs1mq
Sun Cluster Geographic Edition	SUNWjscgregavsu SUNWjscgreptcu SUNWjscgrepsrdfu SUNWjscgman SUNWjscgctl SUNWjscgspm
Sun Cluster software	SUNWjsc SUNWjscspmu SUNWjscspm SUNWjscman
Java Beans Activation Framework	SUNWjjaf SUNWjjafo
Java Mail Runtime	SUNWjjafo SWUNjjmailo SUNWjmailo
Sun Java Web Console	SUNWjmcon SUNWjmctg

Korean Solaris Packages

TABLE 5–28 Localized Solaris Packages for the Korean Language

Product Component	Packages
Application Server	SUNWkasacee SUNWkascmnse SUNWkasu SUNWkasuee
Message Queue	SUNWkiqu SUNWkiquc
Sun Cluster Agents	SUNWkschtt SUNWkscs1as SUNWkschadb SUNWkscs1mq

TABLE 5–28 Localized Solaris Packages for the Korean Language *(Continued)*

Product Component	Packages
Sun Cluster Geographic Edition	SUNWkscgctl SUNWkscgrepavsu SUNWkscgreptcu SUNWkscgrepsrdfu SUNWkscgspm
Sun Cluster software	SUNWksc SUNWkscspmu SUNWkscspm
Java Beans Activation Framework	SUNWkjaf SUNWkjafo
Java Mail Runtime	SUNWkjafo SWUNkjmailo SUNWkmailo
Sun Java Web Console	SUNWkmcon SUNWkmctg

Spanish Solaris Packages

TABLE 5–29 Localized Solaris Packages for the Spanish Language

Product Component	Packages
Application Server	SUNWkasacee SUNWkascmnse SUNWkasu SUNWkasuee
Message Queue	SUNWeiqu SUNWeiquc
Sun Cluster Agents	SUNWeschtt SUNWeschadb SUNWescs1mq SUNWescs1as
Sun Cluster software	SUNWesc SUNWescspm SUNWescspmu
Java Beans Activation Framework	SUNWejaf SUNWejafo

TABLE 5–29 Localized Solaris Packages for the Spanish Language *(Continued)*

Product Component	Packages
Java Mail Runtime	SUNWemailo SWUNejmailo SUNWejafo
Sun Java Web Console	SUNWemcon SUNWemctg

Linux Packages

This section lists the Java ES packages associated with the Linux operating system.

Installation Packages for Linux

TABLE 5–30 Installation Packages for Linux

Package	Package Name
Java ES All	sun-entsys5i
Application Platform Suite	sun-app-entsys5i
Identity Management Suite	sun-ident-entsys5i
Web Infrastructure Suite	sun-web-entsys5i
Shared Components bundle	sun-share-entsys5i

Uninstallation Packages for Linux

TABLE 5–31 Uninstallation Packages for Linux

Package	Package Name
Java ES All	`sun-entsys5`
Application Platform Suite	`sun-app-entsys5`
Identity Management Suite	`sun-ident-entsys5`
Web Infrastructure Suite	`sun-web-entsys5`

Linux Packages Installed for Product Components

This section lists installed Linux packages for each Java ES product component.

Access Manager Linux Packages

TABLE 5–32 Access Manager Packages for Linux

Product Component	Packages

Access Manager	`sun-identity-samples`
	`sun-identity-sci`
	`sun-identity-clientsdk`
	`sun-identity-utils`

Identity Management and Policy Services Core	`sun-identity-services` `sun-identity-services-config`
Administration Console	`sun-identity-console` `sun-identity-password`
Common Domain Services for Federation Management	`sun-identity-federation`

Access Manager SDK	`sun-identity-distauth`
	`sun-identity-console-sdk`
	`sun-identity-external`
	`sun-identity-sdk`
	`sun-identity-sdk-config`
	`sun-identity-clientsdk`

Distributed Authentication	`sun-identity-clientsdk`
	`sun-identity-distauth`
	`sun-identity-utils`

TABLE 5–32 Access Manager Packages for Linux *(Continued)*

Product Component	Packages
Client SDK	`sun-identity-clientsdk` `sun-identity-utils`
Session Failover Client	`sun-identity-sfodb`

Application Server Linux Packages

TABLE 5–33 Application Server Packages for Linux

Product Component	Packages

Application Server, Enterprise Edition	`sun-asJdbcDrivers`
	`sun-asacee`
	`sun-ascml`
	`sun-ascmn`
	`sun-ascmnse`
	`sun-asdem`
	`sun-ashdm`
	`sun-asjdoc`
	`sun-asman`
	`sun-asmanee`
	`sun-asu`
	`sun-asuee`
	`sun-asut`
	`sun-aswbcr`

Administration Client	`sun-asac`
Load Balancing Plugin	`sun-aslb`

Directory Preparation Tool Linux Packages

TABLE 5–34 Directory Preparation Tool Packages for Linux

Product Component	Packages
Directory Preparation Tool	`sun-comms-dssetup`

Directory Server Linux Packages

TABLE 5–35 Directory Server Packages for Linux

Product Component	Packages
Directory Server Core Server	sun-ldap-directory sun-ldap-directory-client sun-ldap-directory-config sun-ldap-directory-dev sun-ldap-console-common sun-ldap-console-var sun-ldap-console-agent sun-ldap-directory-man sun-ldap-shared
Directory Service Control Center	sun-ldap-console-common sun-ldap-console-gui sun-ldap-console-gui-help sun-ldap-console-var sun-ldap-directory-client sun-ldap-proxy-client sun-ldap-shared
Directory Proxy Server	sun-ldap-proxy sun-ldap-proxy-config sun-ldap-proxy-client sun-ldap-console-common sun-ldap-console-var sun-ldap-console-agent sun-ldap-proxy-man sun-ldap-shared
Directory Service Command-Line Utilities	sun-ldap-console-cli sun-ldap-console-common sun-ldap-directory-client sun-ldap-proxy-client sun-ldap-console-var sun-ldap-console-agent sun-ldap-shared

HADB Linux Packages

TABLE 5–36 HADB Packages for Linux

Product Component	Packages
HADB	sun-hadb-a sun-hadb-c sun-hadb-e sun-hadb-i sun-hadb-j sun-hadb-m sun-hadb-s sun-hadb-v sun-hadb-x

Java DB Linux Packages

TABLE 5–37 Java DB Linux Packages

Product Component	Packages
Java DB	sun-javadb-client sun-javadb-common sun-javadb-core sun-javadb-demo sun-javadb-docs sun-javadb-javadoc

Message Queue Linux Packages

TABLE 5–38 Message Queue Packages for Linux

Product Component	Packages
Message Queue	sun-mq sun-mq-config sun-mq-var sun-mq-ent sun-mq-jaxm sun-mq-jmsclient sun-mq-xmlclient sun-mq-compat sun-mq-capi

Monitoring Console Linux Packages

TABLE 5–39 Monitoring Console Packages for Linux

Product Component	Packages

Monitoring Console	`sun-jesmc`
	`sun-jesmcr`
	`sun-mfwk-ma`

Portal Server Linux Packages

TABLE 5–40 Portal Server Packages for Linux

Product Component	Packages

Portal Server	`sun-portal-admin`
	`sun-portal-base`
	`sun-portal-portlets`
	`sun-portal-search`
	`sun-webnfs`

Portal Server Secure Remote Access Linux Packages

TABLE 5–41 Portal Server SRA Packages for Linux

Product Component	Packages

Portal Server Secure Remote Access Core	`sun-portal-sracommon`
	`sun-portal-sracore`
	`sun-portal-sragateway`
	`sun-portal-sranetletproxy`
	`sun-portal-srarewriterproxy`

Service Registry Linux Packages

TABLE 5–42 Service Registry Packages for Linux

Product Component	Packages
Service Registry	`sun-srvc-registry-dev` `sun-srvc-registry-deploy`

Web Server Linux Packages

TABLE 5–43 Web Server Packages for Linux

Product Component	Packages
Web Server	sun-webserver7 sun-webserver7-cli sun-webserve7r-dev

Web Proxy Server Linux Packages

TABLE 5–44 Web Proxy Server Packages for Linux

Product Component	Packages
Web Proxy Server	sun-proxyserver

Linux Packages Installed for Shared Components

TABLE 5–45 Shared Component Packages for Linux

Shared Component	Packages
Ant	sun-ant
ACL (Apache Common Logging)	sun-aclg
Berkeley DB	sun-berkeleydatabase-core sun-berkeleydatabase-java
Common agent container	sun-cacaomon sun-cacaort sun-cacao-man sun-cacaort sun-cacaowsvr
FastInfoSet	sun-fastinfoset
ICU (international Components for Unicode)	sun-icu
J2SE (Java 2 Standard Edition, JDK)	jdk-1_5_0_06-linux-amd jdk-1_5_0_06-linux

TABLE 5–45 Shared Component Packages for Linux *(Continued)*

Shared Component	Packages
JAF (JavaBeans Activation Framework)	`SUNW-jaf`
JavaHelp software	`sun-javahelp`
Java Mail API	`sun-javamail`
JAXB (Java Architecture for XML Binding)	`sun-jaxb` `sun-jaxb2`
JAXP (Java API for XML Processing)	`sun-jaxp`
JAXR (Java API for XML Registries)	`sun-jaxr`
JAX-RPC (Java API for XML-based Remote Procedure Call)	`sun-jaxrpc`
JAXWS (Java API for XML Web Services)	`sun-jaxws`
JDMK (Java Dynamic Management Kit) Runtime Library	`sun-jdmk-runtime` `sun-jdmk-runtime-jmx`
JSS (Java Security Services)	`sun-jss` `sun-jss3`
JSTL (Java Server Pages Standard Tag Library)	`sun-jstl`
KTSE (KTSearch Engine)	`sun-ktsearch`

LDAP C Language SDK	`sun-ldapcsdk`
	`sun-ldapcsdk-dev`
	`sun-ldapcsdk-libs`
	`sun-ldapcsdk-tools`

LDAP Java SDK	`sun-ljdk`
MA Core (Mobile Access Core)	`sun-mobileaccess` `sun-mobileaccess-config`
NSPR (Netscape Portable Runtime)	`sun-nspr` `sun-nspr-devel`
NSS (Netscape Security Services)	`sun-nss` `sun-nss-devel`
SAAJ (SOAP With Attachments API for Java)	`sun-saaj`
SASL (Simple Authentication Security Layer)	`sun-sasl`
Sun Java Monitoring Framework	`sun-mfwk-rt`

TABLE 5–45 Shared Component Packages for Linux *(Continued)*

Shared Component	Packages
Sun Java Web Console	SUNWmcon SUNWmconr SUNWmcos SUNWmcosx SUNWmctag
WSCL (Web Services Common Library)	sun-wscl
XWSS (XML Web Services Security)	sun-xwss

Localized Linux Packages

This section lists the localized packages for the product components and those shared components that are localized. Most product components deliver their localization as the global all-in-one languages package identified by the l10n designation.

However, some components still have separate packages for each language. These packages are listed on the individual language tables in this section. Localized components that are not part of a global package include Application Server, Message Queue, JavaBeans Activation Framework, Java Mail API, Mobile Access Core, and Sun Java Web Console. Components that are not listed in a global language package or a separate language package are not localized.

For the individual language packages, the localized package names contain characters to identify the language. For example, the Japanese localized package for Message Queue is `sun-mq-ja` while the Korean version of this package is `sun-mq-ko`.

Linux Global Language Packages

TABLE 5–46 Global Language Packages for Linux

Product Component	Packages
Access Manager	sun-identity-sdk-l10n sun-identity-distauth-l10n sun-identity-mobileaccess-l10n sun-identity-clientsdk-l10n
Directory Server	sun-ldap-directory-l10n sun-ldap-directory-client-l10n sun-ldap-shared-l10n sun-ldap-console-gui-l10n
Monitoring Console	sun-jesmc-l10n

TABLE 5–46 Global Language Packages for Linux *(Continued)*

Product Component	Packages
Portal Server and Portal SRA	sun-portal-admin-l10n sun-portal-base-l10n sun-portal-portlets-l10n sun-portal-search-l10n sun-portal-sracore-l10n sun-portal-sracommon-l10n sun-portal-sranetletporxy-l10n
Service Registry	sun-srvc-registry-deploy-l10n sun-srvc-registry-dev-l10n
Web Server	sun-webserver-l10n
Web Proxy Server	sun-proxyserver-l10n

Simplified Chinese Linux Packages

TABLE 5–47 Localized Linux Packages for Simplified Chinese

Product Component	Packages
Application Server	sun-asacee-zh_CN sun-ascmnse-zh_CN sun-asu-zh_CN sun-asuee-zh_CN
Message Queue	sun-mq-zh_CN
JavaBeans Activation Framework	sun-jafo-zh_CN sun-jaf-zh_CN
Java Mail Runtime	sun-jmail-zh_CN sun-jmailo-zh_CN
Sun Java Web Console	SUNWcmcon SUNWemctg SUNWcmtcg

Traditional Chinese Linux Packages

TABLE 5–48 Localized Linux Packages for Traditional Chinese

Product Component	Packages
Application Server	sun-asacee-zh_TW sun-ascmnse-zh_TW sun-asu-zh_TW sun-asuee-zh_TW
Message Queue	sun-mq-zh_TW
JavaBeans Activation Framework	sun-jaf-zh_TW sun-jafo-zh_TW
Java Mail Runtime	sun-jmail-zh_TW sun-jmailo-zh_TW
Sun Java Web Console	SUNWhmcon SUNWhmctg SUNWhmtcg

French Linux Packages

TABLE 5–49 Localized Linux Packages for the French Language

Product Component	Packages
Application Server	sun-asacee-fr sun-ascmnse-fr sun-asu-fr sun-asuee-fr
Message Queue	sun-mq-fr
JavaBeans Activation Framework	sun-jaf-fr sun-jafo-fr
Java Mail Runtime	sun-jmail-fr sun-jmailo-fr
Sun Java Web Console	SUNWfmcon SUNWfmctg SUNWfmtcg

German Linux Packages

TABLE 5–50 Localized Linux Packages for the German Language

Product Component	Packages
Application Server	sun-asacee-de sun-ascmnse-de sun-asu-de sun-asuee-de
Message Queue	sun-mq-de
JavaBeans Activation Framework	sun-jaf-de sun-jafo-de
Java Mail Runtime	sun-jmail-de sun-jmailo-de
Sun Java Web Console	SUNWdmcon SUNWdmctg SUNWdmtcg

Japanese Linux Packages

TABLE 5–51 Localized Linux Packages for the Japanese Language

Product Component	Packages
Application Server	sun-asacee-ja sun-ascmnse-ja sun-asu-ja sun-asuee-ja
Message Queue	sun-mq-ja
JavaBeans Activation Framework	sun-jaf-ja sun-jafo-ja
Java Mail Runtime	sun-jmail-ja sun-jamilo-ja
Sun Java Web Console	SUNWjmcon SjNWemctg SUNWjmtcg

Korean Linux Packages

TABLE 5–52 Localized Linux Packages for the Korean Language

Product Component	Packages
Application Server	sun-asacee-ko sun-ascmnse-ko sun-asu-ko sun-asuee-ko
Message Queue	sun-mq-ko
JavaBeans Activation Framework	sun-jaf-ko sun-jafo-ko
Java Mail Runtime	sun-jmail-ko sun-jamilo-ko
Sun Java Web Console	SUNWkmcon SUNWkmctg SUNWkmtcg

Spanish Linux Packages

TABLE 5–53 Localized Linux Packages for the Spanish Language

Product Component	Packages
Application Server	sun-asacee-es sun-ascmnse-es sun-asu-es sun-asuee-es
Message Queue	sun-mq-es
JavaBeans Activation Framework	sun-jaf-es sun-jafo-es
Java Mail Runtime	sun-jmail-es sun-jmailo-es
Sun Java Web Console	SUNWemcon SUNWemctg SUNWemtcg

HP-UX Packages

This section lists the Java ES packages associated with the HP-UX operating system.

Installation Packages for HP-UX

TABLE 5–54 Installation Packages for HP-UX

Package	Package Name
Java ES All	`sun-entsys5i`
Application Platform Suite	`sun-app-entsys5i`
Identity Management Suite	`sun-ident-entsys5i`
Web Infrastructure Suite	`sun-web-entsys5i`

Uninstallation Packages for HP-UX

TABLE 5–55 Uninstallation Packages for HP-UX

Component	Package Name
Java ES All	`sun-entsys5`
Application Platform Suite	`sun-app-entsys5`
Identity Management Suite	`sun-ident-entsys5`
Web Infrastructure Suite	`sun-web-entsys5`

HP-UX Packages Installed for Product Components

This section lists installed HP-UX packages for each Java ES product component.

Access Manager HP-UX Packages

TABLE 5–56 Access Manager Packages for HP-UX

Product Component	Packages

Access Manager	`sun-identity-samples`
	`sun-identity-sci`
	`sun-identity-clientsdk`
	`sun-identity-utils`

Identity Management and Policy Services Core	`sun-identity-services` `sun-identity-services-config`
Administration Console	`sun-identity-console` `sun-identity-password`
Common Domain Services for Federation Management	`sun-identity-federation`

Access Manager SDK	`sun-identity-distauth`
	`sun-identity-console-sdk`
	`sun-identity-external`
	`sun-identity-sdk`
	`sun-identity-sdk-config`
	`sun-identity-clientsdk`

Distributed Authentication	`sun-identity-clientsdk`
	`sun-identity-distauth`
	`sun-identity-utils`

Client SDK	`sun-identity-clientsdk` `sun-identity-utils`
Session Failover Client	`sun-identity-sfodb`

Application Server HP-UX Packages

TABLE 5–57 Application Server Packages for HP-UX

Product Component	Packages
Application Server, Enterprise Edition	sun-asJdbcDrivers sun-asacee sun-ascml sun-ascmn sun-ascmnse sun-asdem sun-ashdm sun-asjdoc sun-asman sun-asmanee sun-asu sun-asuee sun-asut sun-aswbcr
Administration Client	sun-asac
Load Balancing Plugin	sun-aslb

Directory Server HP-UX Packages

TABLE 5–58 Directory Server Packages for HP-UX

Product Component	Packages
Directory Server Core Server	sun-ldap-directory sun-ldap-directory-client sun-ldap-directory-config sun-ldap-directory-dev sun-ldap-console-common sun-ldap-console-var sun-ldap-console-agent sun-ldap-directory-man sun-ldap-shared
Directory Service Control Center	sun-ldap-console-common sun-ldap-console-gui sun-ldap-console-gui-help sun-ldap-console-var sun-ldap-directory-client sun-ldap-proxy-client sun-ldap-shared

TABLE 5–58 Directory Server Packages for HP-UX *(Continued)*

Product Component	Packages

Directory Proxy Server	`sun-ldap-proxy`
	`sun-ldap-proxy-config`
	`sun-ldap-proxy-client`
	`sun-ldap-console-common`
	`sun-ldap-console-var`
	`sun-ldap-console-agent`
	`sun-ldap-proxy-man`
	`sun-ldap-shared`

Directory Service Command-Line Utilities	`sun-ldap-console-cli`
	`sun-ldap-console-common`
	`sun-ldap-directory-client`
	`sun-ldap-proxy-client`
	`sun-ldap-console-var`
	`sun-ldap-shared`

HADB HP-UX Packages

TABLE 5–59 HADB Packages for HP-UX

Product Component	Packages

HADB	`sun-hadb-c`
	`sun-hadb-j`
	`sun-hadb-m`
	`sun-hadb-x`

Java DB HP-UX Packages

TABLE 5–60 Java DB HP-UX Packages

Product Component	Packages

Java DB	`sun-javadb-client`
	`sun-javadb-common`
	`sun-javadb-core`
	`sun-javadb-demo`
	`sun-javadb-docs`
	`sun-javadb-javadoc`

Message Queue HP-UX Packages

TABLE 5–61 Message Queue Packages for HP-UX

Product Component	Packages
Message Queue	sun-mq sun-mq-config sun-mq-var sun-mq-ent sun-mq-jaxm sun-mq-jmsclient sun-mq-xmlclient sun-mq-capi

Monitoring Console HP-UX Packages

TABLE 5–62 Monitoring Console Packages for HP-UX

Product Component	Packages
Monitoring Console	sun-jesmc sun-jesmcr sun-mfwk-ma

Portal Server HP-UX Packages

TABLE 5–63 Portal Server Packages for HP-UX

Product Component	Packages
Portal Server	sun-portal-admin sun-portal-base sun-portal-portlets sun-portal-search sun-webnfs

Portal Server Secure Remote Access HP-UX Packages

TABLE 5–64 Portal Server SRA Packages for HP-UX

Product Component	Packages

Portal Server Secure Remote Access Core	`sun-portal-sracommon`
	`sun-portal-sracore`
	`sun-portal-sragateway`
	`sun-portal-sranetletproxy`
	`sun-portal-srarewriterproxy`

Service Registry HP-UX Packages

TABLE 5–65 Service Registry Packages for HP-UX

Product Component	Packages
Service Registry	`sun-srvc-registry-dev` `sun-srvc-registry-deploy`

Web Proxy Server HP-UX Packages

TABLE 5–66 Web Proxy Server Packages for HP-UX

Product Component	Packages
Web Proxy Server	`sun-proxyserver`

Web Server HP-UX Packages

TABLE 5–67 Web Server Packages for HP-UX

Product Component	Packages

Web Server	`sun-webserver7`
	`sun-webserver7-cli`
	`sun-webserver7-dev`

HP-UX Packages Installed for Shared Components

The following table lists the names of the HP-UX packages distributed for each shared component.

TABLE 5–68 Shared Component Packages for HP-UX

Shared Component	Packages
Ant	`sun-ant`
ACL (Apache Common Logging)	`sun-aclg`
Berkeley DB (bundled)	`sun-berkeleydatabase-core` `sun-berkeleydatabase-java`

Common agent container	`sun-cacaomon`
	`sun-cacaort`
	`sun-cacaowsvr`

FastInfoSet	`sun-fastinfoset`
ICU (international Components for Unicode)	`sun-icu`
JAF (JavaBeans Activation Framework)	`sun-jaf`

JATO (Java Studio Enterprise Web Application Framework)	`sun-jato`
	`sun-jatodmo`
	`sun-jatodoc`

JavaHelp software	`sun-javahelpruntime`
Java Mail API	`sun-javamail`
JAXB (Java Architecture for XML Binding)	`sun-jaxb` `sun-jaxb2`
JAXP (Java API for XML Processing)	`sun-jaxp`
JAXR (Java API for XML Registries)	`sun-jaxr`
JAX-RPC (Java API for XML-based Remote Procedure Call)	`sun-jaxrpc`
JAXWS (Java API for XML Web Services)	`sun-jaxws`
JDMK (Java Dynamic Management Kit)	`sun-jdmk-runtime` `sun-jdmk-runtime-jmx`
JSS (Java Security Services)	`sun-jss` `sun-jss3`

TABLE 5–68 Shared Component Packages for HP-UX *(Continued)*

Shared Component	Packages
JSTL (Java Server Pages Standard Tag Library)	`sun-jstl`
KTSE (KTSearch Engine)	`sun-ktsearch`

LDAP C Language SDK	`sun-ldapcsdk`
	`sun-ldapcsdkx`
	`sun-ldapcsdk-dev`
	`sun-ldapcsdk-libs`
	`sun-ldapcsdk-tools`

LDAP Java SDK	`sun-ljdk`

MA Core (Mobile Access core)	`sun-mobileaccess`
	`sun-mobileaccess-config`
	`sun-mobileaccess-core`

NSPR (Netscape Portable Runtime)	`sun-nspr` `sun-nspr-devel`

NSS (Netscape Security Services)	`sun-nss`
	`sun-nss-devel`
	`sun-nssu`

SAAJ (SOAP With Attachments API for Java)	`sun-saaj`
SASL (Simple Authentication Security Layer)	`sun-sasl`
Sun Java Monitoring Framework	`sun-mfwk-rt`

Sun Java Web Console	`sun-mcon`
	`sun-mconr`
	`sun-mcos`
	`sun-mcosx`
	`sun-mctag`

WSCL (Web Services Common Library)	`sun-wscl`
XWSS (XML Web Services Security)	`sun-xwss`

Localized HP-UX Packages

This section lists the localized packages for the product components and those shared components that are localized. Most product components deliver their localization as the global all-in-one languages package identified by the l10n designation.

However, some components still have separate packages for each language. These packages are listed on the individual language tables in this section. Localized components that are not part

of a global package include Application Server, Message Queue, and Sun Java Web Console. Components that are not listed in a global language package or a separate language package are not localized.

For the individual language packages, the localized package names contain characters to identify the language. For example, the Japanese localized package for Application Server is `sun-asacee-ja` while the Korean version of this package is `sun-asacee-ko`.

HP-UX Global Language Packages

TABLE 5–69 Global Language Packages for HP-UX

Product Component	Packages

Access Manager	`sun-identity-sdk-l10n`
	`sun-identity-distauth-l10n`
	`sun-identity-clientsdk-l10n`

Directory Server	`sun-ldap-directory-l10n`
	`sun-ldap-directory-client-l10n`
	`sun-ldap-shared-110n`
	`sun-ldap-proxy-client`
	`sun-ldap-proxy`
	`sun-ldap-console-gui-help-l10n`
	`sun-ldap-console-gui-l10n`

Mobile Access Core	`sun-mobileaccess-l10n`
Monitoring Console	`sun-jesmc-l10n`

Portal Server and Portal SRA	`sun-portal-admin-l10n`
	`sun-portal-base-l10n`
	`sun-portal-portlets-l10n`
	`sun-portal-search-l10n`
	`sun-portal-sracore-l10n`
	`sun-portal-sracommon-l10n`
	`sun-portal-sranetletporxy-l10n`

Service Registry	`sun-srvc-registry-deploy-l10n` `sun-srvc-registry-dev-l10n`
Web Server	`sun-webserver7-l10n` `sun-webserver7-cli-l10n`
Web Proxy Server	`sun-proxyserver-l10n`

Simplified Chinese HP-UX Packages

TABLE 5–70 Localized HP-UX Packages for Simplified Chinese

Product Component	Packages
Application Server	sun-asacee-zh_CN sun-ascmnse-zh_CN sun-asu-zh_CN sun-asuee-zh_CN
Message Queue	sun-mq-zh_CN
Sun Java Web Console	sun-cmcon sun-cmctg

Traditional Chinese HP-UX Packages

TABLE 5–71 Localized HP-UX Packages for Traditional Chinese

Product Component	Packages
Application Server	sun-asacee-zh_TW sun-ascmnse-zh_TW sun-asu-zh_TW sun-asuee-zh_TW
Message Queue	sun-mq-zh_TW
Sun Java Web Console	sun-hmcon sun-hmctg

French HP-UX Packages

TABLE 5–72 Localized HP-UX Packages for the French Language

Product Component	Packages
Application Server	sun-asacee-fr sun-ascmnse-fr sun-asu-fr sun-asuee-fr
Message Queue	sun-mq-fr

TABLE 5–72 Localized HP-UX Packages for the French Language *(Continued)*

Product Component	Packages
Sun Java Web Console	`sun-fmcon` `sun-fmctg`

German HP-UX Packages

TABLE 5–73 Localized HP-UX Packages for the German Language

Product Component	Packages

Application Server	`sun-asacee-de`
	`sun-ascmnse-de`
	`sun-asu-de`
	`sun-asuee-de`

Message Queue	`sun-mq-de`
Sun Java Web Console	`sun-dmcon` `sun-dmctg`

Japanese HP-UX Packages

TABLE 5–74 Localized HP-UX Packages for the Japanese Language

Product Component	Packages

Application Server	`sun-asacee-ja`
	`sun-ascmnse-ja`
	`sun-asu-ja`
	`sun-asuee-ja`

Message Queue	`sun-mq-ja`
Sun Java Web Console	`sun-jmcon` `sun-jmctg`

Korean HP-UX Packages

TABLE 5–75 Localized HP-UX Packages for the Korean Language

Product Component	Packages
Application Server	sun-asacee-ko sun-ascmnse-ko sun-asu-ko sun-asuee-ko
Message Queue	sun-mq-ko
Sun Java Web Console	sun-kmcon sun-kmctg

Spanish HP-UX Packages

TABLE 5–76 Localized HP-UX Packages for the Spanish Language

Product Component	Packages
Application Server	sun-asacee-es sun-ascmnse-es sun-asu-es sun-asuee-es
Message Queue	sun-mq-es
Sun Java Web Console	sun-emcon sun-emctg

Index

D

F

G

H

M

N

P

R

S

T

U

W

X