Sun Java Enterprise System 2005Q4 Installation Reference

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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) or Linux operating environment. Some instructions in the guide are specific to one platform or are different for each platform, in which case, the information is labeled by platform name. However, most instructions are not labeled by platform name and apply to both Solaris OS and Linux.

Who Should Use This Book

The material here is intended for any evaluator, system administrator, or software technician who is installing the Java ES software. This guide 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

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/1286.1`. 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 2005Q4 Release Notes	Contains the latest information about Java ES, including known problems. In addition, components have their own release notes.
Sun Java Enterprise System 2005Q4 Documentation Roadmap	Provides descriptions of all documentation related to Java ES, both as a system and for the individual components.
Sun Java Enterprise System 2005Q4 Technical Overview	Introduces the technical and conceptual foundations of Java ES. Describes components, the architecture, processes, and features.
Sun Java Enterprise System 2005Q4 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 2005Q4 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.
Sun Java Enterprise System 2005Q4 Installation Guide for UNIX	Guides you through the process of installing Java ES on the Solaris Operating System or the Linux operating system. Also shows how to configure components after installation, and verify that they function properly.
Sun Java Enterprise System 2005Q4 Installation Reference	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.
Sun Java Enterprise System 2005Q1 Deployment Example Series: Evaluation Scenario	Describes how to install Java ES on one system, establish a set of core, shared, and networked services, and set up user accounts that can access the services that you establish.
Sun Java Enterprise System 2005Q4 Upgrade Guide	Provides instructions for upgrading Java ES on the Solaris Operating System or the Linux operating environment.

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

Document Title	Contents
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*.
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.
`+`	Joins consecutive multiple keystrokes.	Ctrl+A+N	Press the Control key, release it, and then press the subsequent keys.
`→`	Indicates menu item selection in a graphical user interface.	File → New → Templates	From the File menu, choose New. From the New submenu, choose Templates.

Accessing Sun Resources Online

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

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

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

Third-Party Web Site References

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

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

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Configuration Information

This chapter describes the information you need to provide to the Sun Java™ Enterprise System (Java ES) installer for configuring components during a Configure Now installation. This information includes common server settings and component-specific information for those components that can be configured during installation.

Use this chapter in conjunction with the worksheets in Chapter 2.

This chapter contains the following sections:

- "How to Use This Chapter" on page 19
- "Common Server Settings" on page 22
- "Access Manager Configuration Information" on page 23
- "Access Manager SDK Configuration Information" on page 39
- "Administration Server Configuration Information" on page 45
- "Application Server Configuration Information" on page 47
- "Directory Server Configuration Information" on page 50
- "Directory Proxy Server Configuration Information" on page 56
- "HADB Configuration Information" on page 57
- "Portal Server Configuration Information" on page 58
- "Portal Server Secure Remote Access Configuration Information" on page 64
- "Web Server Configuration Information" on page 79
- "Web Proxy Server Configuration Information" on page 82
- "Parameters Used Only in State Files" on page 83

How to Use This Chapter

For the Configure Now option, 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.

> **Note –** The following components cannot be configured by the Java ES installer: Calendar Server, Communications Express, Delegated Administrator, Directory Server Preparation Tool, Instant Messaging, Messaging Server, Service Registry, and Sun Cluster software.

If you use the Configure Later option, little is required during installation beyond being aware of common server settings and how port settings work. For information on installation directories and port assignments, refer to Chapter 3.

The component-specific tables in this chapter are grouped in the same way the configuration pages are grouped in the graphical installer: first by component, and then by type of information. The configuration information tables have two columns: "Label and State File Parameter," and "Description." The "Label and State File Parameter" column contains the following information:

- **Label.** The text that identifies information in the graphical installer. This is usually a label on an input field.
- **State File Parameter.** The key that identifies the information in a silent installation state file. State file parameters are uppercase and appear in monospace font.

> **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 2005Q4 Installation Guide for UNIX*.

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 installer, or from the directory where the file is saved:

Solaris OS: `/var/sadm/install/logs`

Linux: `/var/opt/sun/install/logs`

Default Values

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.

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 hostname 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 (unique within `red.example.com` domain): `myComputer`

- **Configuration Directory.** An instance of Directory Serverthat stores configuration information for various administration domains. 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.

Suggested Look-up Strategies

If you are using this chapter to get information to answer configuration questions posed by the installer, do the following:

1. Locate the section that describes that component.

2. Find the table whose content matches the installer page being displayed. Each 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.

Common Server Settings

When you install components using the Configure Now option, the installer displays a set of common server settings that is used to provide default values for the components that use the settings.

On the configuration pages of the installer, the notation "Shared Default Value" indicates which settings 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 component you are configuring.

The following table lists the default values for the common server settings.

TABLE 1–1 Common Server Settings

Label and State File Parameter	Description	Default Value
Host Name CMN_HOST_NAME	The host name of the host on which you are installing Java ES components.	Output of the `hostname` command. 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. Example: subdomain.domain.com
Host IP Address CMN_IPADDRESS	The IP address of the host on which you are installing.	The IP address of the local host. Example: 127.51.91.192
Administrator User ID CMN_ADMIN_USER	Default user ID for the administrator for all components being installed.	`admin`
Administrator Password CMN_ADMIN_PASSWORD	Default password for the administrator for all components being installed.	No default. The password must have at least eight characters.
System User CMN_SYSTEM_USER	User ID (UID) under which component processes run.	`root`
System Group CMN_SYSTEM_GROUP	Group ID (GID) of the system user.	`other`

Access Manager Configuration Information

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

- Identity Management and Policy Services Core
- Access Manager Administration Console
- Common Domain Services for Federation Management
- Access Manager SDK

> **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 39

The installer needs different information depending on which subcomponents you are installing, as the following table indicates. The table also refers you to the tables where the relevant information is described.

TABLE 1–2 Information Needed to Install Subcomponents of Access Manager

Components	Information Needed	Relevant Material
Identity Management and Policy Services Core	Web container information	"Access Manager: Web Container Information" on page 26
	Directory Server information	"Access Manager: Directory Server Information" on page 36
	Provisioned directory information	"Existing Provisioned Directory Found" on page 37 and "No Existing Provisioned Directory Found" on page 38
Common Domain Services for Federation Management	Services information	"Installing Access Manager Federation Management (Core Already Installed)" on page 36
Access Manager Administration Console	Administration information	"Access Manager: Administration Information" on page 24
	Services information	"Installing Access Manager Console (Core Already Installed)" on page 33

Access Manager: Administration Information

The installer needs the following information if you are installing Access Manager Administration Console.

TABLE 1–3 Administration Information for Access Manager

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. The default value is the Administrator Password (CMN_ADMIN_PASSWORD) you provided under Common Server Settings. Refer to "Common Server Settings" on page 22.
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.

TABLE 1–3 Administration Information for Access Manager   *(Continued)*

Label and State File Parameter	Description
Password Encryption Key `AM_ENC_PWD`	A string that Access Manager uses to encrypt user passwords.
	Note: For security purposes, it is recommended that the password encryption key be 12 characters or longer.
	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. 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: `/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.
	In a state file, the default is `LOCK`. Any character combination is permitted.
Install type `AM_REALM`	Indicates the level of interoperability with other components. Choice of Realm mode (version 7.x style) or Legacy mode (version 6.x style). You must use Legacy mode if you are installing Access Manager with Portal Server, Messaging Server, Calendar Server, Delegated Administrator, or Instant Messaging.
	Accepted values for `AM_REALM` are Enabled (for Realm 7.x mode) and Disabled (for Legacy 6.x mode).
	The default value for Legacy mode is Disabled.

Access Manager: Web Container Information

The Identity Management and Policy Services Core subcomponent of Access Manager runs in Web Server or Application Server.

> **Note –** This component also runs in a third-party web container, however, you must install AM using the Configure Later option. In this case, configuration is done after installation.

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

- For Web Server, see "Web Container Information: Access Manager with Web Server" on page 27
- For Application Server, see "Web Container Information: Access Manager with Application Server" on page 28

Web Container Information: 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 1–4 Web Container Information for Access Manager with Web Server

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.
Web Server Port IS_WS_INSTANCE_PORT	Port on which Web Server listens for HTTP connections. The default value is 80. If you are installing Web Server in this installer session, the default value is the Web Server HTTP Port (WS_ADMIN_PORT) value. Refer to "Web Server: Default Web Server Instance Information" on page 81.

TABLE 1–4 Web Container Information for Access Manager with Web Server   *(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. 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: /opt/SUNWwbsvr Linux: /opt/sun/webserver
Document Root Directory IS_WS_DOC_DIR	Directory where Web Server stores content documents. If you are installing Web Server in this installer session, the default value is the Web Server value Document Root Directory (WS_INSTANCE_CONTENT_ROOT). Refer to "Web Server: Default Web Server Instance Information" on page 81. If you are not installing Web Server, the default location is *WebServer-base*/docs. The default value for *WebServer-base* is the Web Server installation directory: Solaris OS: /opt/SUNWwbsvr Linux: /opt/sun/webserver
Secure Server Instance Port IS_SERVER_PROTOCOL	Specify 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 http.

Web Container Information: 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 1–5 Web Container Information for Access Manager with Application Server

Label and State File Parameter	Description
Installation Directory IS_APPSERVERBASEDIR	Path to the directory where Application Server is installed.
	If you are installing Application Server, this value defaults to the value you specified for the Application Server installation directory. The default value is:
	Solaris OS: `/opt/SUNWappserver/appserver`
	Linux: `/opt/sun/appserver`
Access Manager Runtime Instance IS_IAS81INSTANCE	Name of the Application Server instance that will run Access Manager.
	The default value is `server`.
Instance Directory IS_IAS81INSTANCEDIR	Path to the directory where Application Server stores files for the instance. Default value:
	Solaris OS: `/var/opt/SUNWappserver/domains`
	Linux: `/var/opt/sun/appserver/domains`
Access Manager Instance Port IS_IAS81INSTANCE_PORT	Port on which Application Server listens for connections to the instance.
	The default value is `8080`.
Document Root IS_SUNAPPSERVER_DOCS_DIR	Directory where Application Server stores content documents.
	The default document root is the instance directory specified by `IS_IAS81INSTANCEDIR`, with *domainname*`/docroot` appended at the end. For example: `IS_IAS81INSTANCEDIR`*domainname*`/docroot`
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. Refer to "Common Server Settings" on page 22.
Administrator Password IS_IAS81_ADMINPASSWD	Password of the Application Server administrator.
	The default value is the Administrator User password you provided under Common Server Settings. Refer to "Common Server Settings" on page 22.
Administrator Port IS_IAS81_ADMINPORT	Port on which the Administration Server for Application Server listens for connections.
	The default value is `4849`.

TABLE 1–5 Web Container Information for Access Manager with Application Server
(Continued)

Label and State File Parameter	Description
Secure Server Instance Port IS_SERVER_PROTOCOL	Specify whether the value for Instance Port (IS_IAS81INSTANCE_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 ASADMIN_PROTOCOL	Specify whether the value for Administrator Port (IS_IAS81_ADMINPORT) 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.

Access Manager: Services Information

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

- "Installing Access Manager Core and Console" on page 30
- "Installing Access Manager Console (Core Already Installed)" on page 33
- "Installing Access Manager Console (Core Not Already Installed)" on page 34
- "Installing Access Manager Federation Management (Core Already Installed)" on page 36

Installing Access Manager Core and Console

This section describes the services information that the installer needs when you are installing the Identity Management and Policy Services Core and the Access Manager Administration Console subcomponents.

In this scenario, you can deploy a new console or use a previously deployed console. If you deploy a new console, some information in "Installing Access Manager Core and Console" on page 30 is not needed, as the Description column indicates.

TABLE 1–6 Access Manager Services Information for Installing Core and Console

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

TABLE 1–6 Access Manager Services Information for Installing Core and Console *(Continued)*

Label and State File Parameter	Description
Administration Console: Deploy new console *and* Use existing console USE_DSAME_SERVICES_WEB_CONTAINER	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 deployed on another host. 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. In a state file, specify true to deploy a new console or false to use an existing console.
Console Deployment URI CONSOLE_DEPLOY_URI	URI prefix for accessing the HTML pages, classes and JAR files associated with the Access Manager Administration Console subcomponent. Depends on the Access Manager mode: Legacy mode (6.x): /amconsole or /amserver Realm mode (7.x): /amserver The default value is amconsole. Do not enter a leading slash.
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. The default value is ampassword. Do not enter a leading slash.
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. Refer to "Common Server Settings" on page 22. As an example, if the host is siroe and the domain is example.com, the default value is siroe.example .com.

TABLE 1–6 Access Manager Services Information for Installing Core and Console *(Continued)*

Label and State File Parameter	Description
Console Port CONSOLE_PORT	Port on which the existing console listens 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 Port (IS_WS_INSTANCE_PORT), as defined in "Web Container Information: Access Manager with Web Server" on page 27 ■ Access Manager Instance Port (IS_IAS81INSTANCE_PORT), as defined in "Web Container Information: Access Manager with Application Server" on page 28

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 (7.x). This cannot be done in Legacy mode (6.x).

TABLE 1–7 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 Administration Console subcomponent. Depends on the Access Manager mode: Realm mode (6.x): /amconsole or /amserver Legacy mode (7.x): /amserver
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. 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 1–8 Access Manager Services Information for Installing Console (Core Not Already Installed)

Label and State File Parameter	Description
Web Container for Access Manager Administration Console	
Console Host Name CONSOLE_HOST	Fully qualified domain name for the host on which you are installing.

TABLE 1–8 Access Manager Services Information for Installing Console (Core Not Already Installed)　*(Continued)*

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 Administration Console subcomponent. Depends on the Access Manager mode: Legacy mode (6.x): /amconsole or /amserver Realm mode (7.x): /amserver
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. The default value is amserver. Do not enter a leading slash.

TABLE 1–8 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, .sales.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 Access Manager 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 1–9 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 1–10 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`.
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 1–11 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 1–12 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. The default value is No. In a state value, 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 Yes. 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 Yes. 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 Yes. The default value is inetorgperson.

TABLE 1–12 No Existing Provisioned Directory Information for Access Manager *(Continued)*

Label and State File Parameter	Description
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 `Yes`. 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 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 component, you must provide the following types of information:

Access Manager SDK: Administration Information

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

TABLE 1–13 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. The default value is the Administrator Password (CMN_ADMIN_PASSWORD) you provided under Common Server Settings. Refer to "Common Server Settings" on page 22.
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. Set this value to the same value used by Access Manager on the remote host.

TABLE 1–13 Administration Information for Access Manager SDK   *(Continued)*

Label and State File Parameter	Description
Password Encryption Key AM_ENC_PWD	A string that Access Manager uses to encrypt user passwords. Note: For security purposes, it is recommended that the password encryption key be 12 characters or longer. All Access Manager subcomponents must use the same encryption key that the Identity Management and Policy Services Core uses. 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. In a state file, the default is LOCK. Any character combination is permitted.

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 1–14 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 1–14 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, 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 `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 1–15 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 1–16 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. The default value is No. In a state value, 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 `Yes`. 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 `Yes`. 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 `Yes`. The default value is `inetorgperson`.

Label and State File Parameter	Description
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 Yes. 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 1–17 Web Container Information for Access Manager SDK

Label and State File Parameter	Description
Host IS_WS_HOST_NAME (Web Server)	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. 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 (.).
Services Port IS_WS_INSTANCE_PORT (Web Server) IS_IAS81INSTANCE_PORT (Application Server)	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.

Administration Server Configuration Information

Administration Server: Administration Information

TABLE 1–18 Administration Information for Administration Server

Label and State File Parameter	Description
Server Root ADMINSERV_ROOT	Base pathname under which the components managed by Administration Server are installed. The default value is: Solaris OS: `/var/opt/mps/serverroot` Linux: `/var/opt/sun/directory-server`
Administration Port ADMINSERV_PORT	Port to use when connecting to this Administration Server through Administration Console over HTTP. The default value is `390`. Any available port number is permitted.
Administration Domain ADMINSERV_DOMAIN	A name for a collection of servers that will share a directory service. The suggested default value is the host domain name that you set under Common Server Settings. Refer to "Common Server Settings" on page 22. However, administrative domain does not have to match or be associated with a network domain.
System User ADMINSERV_SYSTEM_USER	User ID under which Administration Server processes run. Any valid system user is permitted. The default value is the system user you provided under Common Server Settings. Refer to "Common Server Settings" on page 22 Note: This value must be the same as the value for the associated Directory Server.

TABLE 1–18 Administration Information for Administration Server   *(Continued)*

Label and State File Parameter	Description
System Group	Any valid system group is permitted.
ADMINSERV_SYSTEM_GROUP	The default value is the system group you provided under Common Server Settings. Refer to "Common Server Settings" on page 22
	Note: This value must be the same as the value for the associated Directory Server.

Administration Server: Configuration Directory Settings Information

TABLE 1–19 Configuration Directory Settings Information for Administration Server

Label and State File Parameter	Description
Administration User ID ADMINSERV_CONFIG_ADMIN_USER	User ID of the configuration directory administrator. Administration Server uses this identity when managing configuration directory data.
	The default value is the Administrator User ID you provided under Common Server Settings. Refer to "Common Server Settings" on page 22.
	If you are installing Directory Server in this session, the default value is the Directory Server Administrator User ID. Refer to "Directory Server: Administration Information" on page 50.
Administrator Password ADMINSERV_CONFIG_ADMIN_PASSWORD	Password for the configuration directory administrator.
	The default value is the Administrator User Password you provided under Common Server Settings. Refer to "Common Server Settings" on page 22.
	If you are installing Directory Server in this session, the default value is the Directory Server Administrator User Password. Refer to "Directory Server: Administration Information" on page 50.

TABLE 1–19 Configuration Directory Settings Information for Administration Server *(Continued)*

Label and State File Parameter	Description
Directory Server Host ADMINSERV_CONFIG_DIR_HOST	Specifies a host name or value that resolves to the host on which the configuration directory resides. The configuration directory stores configuration data for all servers belonging to the Administration Domain. If you are installing Directory Server in this session, the default value is the Host Name (CMN_HOST_NAME) that you provided under Common Server Settings. Refer to "Common Server Settings" on page 22 If you are not installing Directory Server in this session, there is no default value.
Directory Server Port ADMINSERV_CONFIG_DIR_PORT	Port to use when binding to the configuration directory for LDAP operations. Any valid port number that is not in use is permitted. The default value is 389. If you are installing Directory Server in this session, the default value is the value of the Directory Server Port. Refer to "Directory Server: Server Settings Information" on page 51. If you are not installing Directory Server in this session, there is no default value.

Application Server Configuration Information

The installer needs the following information for Application Server:

- "Application Server: Administration Information" on page 48
- "Application Server: Node Agent Information" on page 48
- "Application Server: Load Balancing Plugin Information" on page 49

Application Server: Administration Information

TABLE 1–20 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. Refer to "Common Server Settings" on page 22.
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. Refer to "Common Server Settings" on page 22.
Admin Port AS_ADMIN_PORT	Port on which Application Server's administrative server listens for 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

The installer needs the following information on node administration.

TABLE 1–21 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. There is no default value.
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.
Password ASNA_PASSWORD	Password for the Application Server admin user. There is no default value.
Master Password ASNA_MASTER_PASSWORD	SSL certificate database password, used for asadmin operations such as Domain Administration Server startup and Node Agent startup. There is no default value.
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 1–22 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. The default value is Sun Java System Web Server.

TABLE 1–22 Load Balancing Plugin Information for Application Server   *(Continued)*

Label and State File Parameter	Description
Location of the web server AS_WEB_SERVER_LOCATION	Instance directory for Web Server and installation directory for Apache HTTP Server. The default value is Web Server if you are installing Web Server in the same session you install the load balancing plugin. For example: Solaris OS: /opt/SUNWwbsvr /https-*hostname .domainname* Linux: /opt/sun/webserver/https-*hostname. domainname*

Directory Server Configuration Information

The installer needs the following information for Directory Server:

Directory Server: Administration Information

TABLE 1–23 Administration Information for Directory Server

Label and State File Parameter	Description
Administrator User ID DS_ADMIN_USER	User with administrator privileges for the configuration directory. This user can modify Directory Server configuration, including creating and removing suffixes, but access control restrictions apply. The default value is the Administrator User ID you provided under Common Server Settings. Refer to "Common Server Settings" on page 22.

TABLE 1–23 Administration Information for Directory Server   *(Continued)*

Label and State File Parameter	Description
Administrator Password DS_ADMIN_PASSWORD	Password for the Administrator. The default value is the Administrator Password you provided under Common Server Settings. Refer to "Common Server Settings" on page 22.
Directory Manager DN DS_DIR_MGR_USER	Distinguished Name (DN) of the user who has unrestricted access to Directory Server. The default value is `cn=Directory Manager`.
Directory Manager Password DS_DIR_MGR_PASSWORD	Password for the directory manager. There is no default value.

Directory Server: Server Settings Information

TABLE 1–24 Server Settings Information for Directory Server

Label and State File Parameter	Description
Directory Server Root CMN_DS_SERVER_ROOT	Directory Server location in which the directory configuration data is placed. The default value is: Solaris OS: `/var/opt/mps/serverroot` Linux: `/var/opt/sun/directory-server`
Server Identifier DS_SERVER_IDENTIFIER	Name that identifies a Directory Server instance in the Administration Console. The name must conform to operating system file naming conventions. Periods and spaces are not allowed. The default value is the Host Name (`CMN_HOST_NAME`) that you provided under Common Server Settings. Refer to "Common Server Settings" on page 22.
Server Port DS_SERVER_PORT	Port on which Directory Server listens for client connections. The default value is `389`.
Suffix DS_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`.

TABLE 1–24 Server Settings Information for Directory Server   *(Continued)*

Label and State File Parameter	Description
Administration Domain DS_ADM_DOMAIN	Group of server products that share a user directory for data management and authentication. The default value is the value that you specified for DNS Domain Name (CMN_DOMAIN_NAME) under Common Server Settings. Refer to "Common Server Settings" on page 22.
System User DS_SYSTEM_USER	User name (UID) that Directory Server uses to run on the host. Use the name, not the ID number. The default value is the System User you provided under Common Server Settings. Refer to "Common Server Settings" on page 22. Note: This value must be the same as the value for the associated Administration Server.
System Group DS_SYSTEM_GROUP	Group name (GID) in which the Directory Server runs as a user. Use the name, not the ID number. The default value is the System Group you provided under Common Server Settings. Refer to "Common Server Settings" on page 22. Note: This value must be the same as the value for the associated Administration Server.

Directory Server: Configuration Directory Server Information

Configuration data for this Directory Server instance can be stored in this Directory Server instance, or in an existing Directory Server instance on another host. If you store configuration data in this instance, you respond only to the first question in this table. If you store configuration data in another instance, you provide all information listed in this table.

TABLE 1–25 Configuration Directory Server Information for Directory Server

Label and State File Parameter	Description
Store configuration data on this server *and* Store configuration data in the following Directory Server	Options that control where the Java ES installer stores this Directory Server's configuration data, in this instance of Directory Server or in another instance.
USE_EXISTING_CONFIG_DIR	In a state file, specify one of these values: ■ 0 (zero) to use this instance of Directory Server. This is the default value. ■ 1 (one) to use another instance. If you store configuration data in another instance, you must supply the remaining information in this table. If you store configuration data in this instance, you can skip the remaining items.
Directory Server Host CONFIG_DIR_HOST	Specifies a host name or value that resolves to the host on which the configuration directory resides. The configuration directory stores configuration data for all servers belonging to the Administration Domain.
Directory Server Port CONFIG_DIR_PORT	Port to use when binding to the configuration directory for LDAP operations. The default value is 389.
Directory Manager DN CONFIG_DIR_ADM_USER	DN of the user who has unrestricted access to Directory Server. The default value is cn=Directory Manager.
Directory Manager Password CONFIG_DIR_ADM_PASSWD	Specifies the password for the directory manager.

Directory Server: Data Storage Location Information

User data and group data can be stored in this instance of Directory Server or in an existing instance. The configuration information listed in the following table is needed only if you are storing user data and group data from this instance of Directory Server in the user directory of another instance.

TABLE 1–26 Data Storage Location Information for Directory Server

Label and State File Parameter	Description
Store user data and group data on this server *and* Store user data and group data in the following Directory Server USE_EXISTING_USER_DIR	Options that control where the Java ES installer stores user data and group data for Directory Server. Data is stored either in the instance being installed or in an existing Directory Server instance. If you store user data and group data in another instance, you must supply the additional information listed in this table. In a state file, specify one of these values: ■ 0 (zero) to store user data and group data in this Directory Server instance. This is the default value. ■ 1 (one) to use a remote instance.
Directory Server Host USER_DIR_HOST	Specifies a host name or value that resolves to the host on which the Directory Server stores user data.
Directory Server Port USER_DIR_PORT	Port to use when binding to the user directory for LDAP operations. This port should be the same as Configuration Directory Port. The default value is 389.
Directory Manager DN USER_DIR_ADM_USER	DN of the user who has unrestricted access to Directory Server. The default value is cn=Directory Manager.
Directory Manager Password USER_DIR_ADM_PASSWD	Password for the directory manager.
Suffix USER_DIR_SUFFIX	Directory Server suffix containing user and group data. For example, dc=example,dc=com. This value must correspond to an entry in your LDAP tree.

Directory Server: Populate Data Information

You can populate the user directory of Directory Server during the installation and configuration process, rather than as a separate subsequent step.

TABLE 1–27 Populate Data Information for Directory Server

Label and State File Parameter	Description
Populate with sample organizational structure DS_ADD_SAMPLE_ENTRIES	Option that directs the Java Enterprise System installer to add sample roles and groups with corresponding access control lists for this Directory Server instance. In a state file, specify one of these values: ■ 1 (one) to populate Directory Server with sample organizational structure. ■ 0 (zero) not to do so. This is the default value.
Populate with data DS_POPULATE_DATABASE	Option that directs the Java Enterprise System installer to load entries as part of the installation and configuration process, rather than as a separate subsequent step. In a state file, specify one of these values: ■ 1 (one) to populate Directory Server with sample data. This is the default value. ■ 0 (zero) not to do so.
Sample data, Your data (LDIF File) *and* File name DS_POPULATE_DATABASE_FILE_NAME	One of the following options: ■ Load entries from sample LDIF files under *DirectoryProxyServer-base* /slapd-*ServerID* /ldif/ ■ Load entries from an LDIF file you provide. If you choose this option, you must enter the file name. In a state file, choose one of the following: ■ Leave the parameter value blank to load entries from the sample files. ■ Specify a fully qualified file name to load entries from that file.
Disable schema checking to accelerate data import DS_DISABLE_SCHEMA_CHECKING	Option that directs the Java Enterprise System installer to load sample data without checking that entries conform to known schema. Once schema checking is enabled, entries loaded must conform to known schema before they can be modified. By disabling schema checking, you imply that you plan to fix discrepancies following installation. In a state file, specify one of these values: ■ 1 (one) to disable schema checking ■ 0 (zero) to enable schema checking. This is the default value.

Directory Proxy Server Configuration Information

If Administration Server is installed at the same time as Directory Proxy Server, Administration Server must also be configured.

If you are installing Directory Proxy Server onto a host that has a previously installed version of Administration Server, the installer also needs server root information.

Directory Proxy Server: Port Selection Information

The installer needs port selection information for Directory Proxy Server.

TABLE 1–28 Port Selection Information for Directory Proxy Server

Label and State File Parameter	Description
Directory Proxy Server Port `DPS_PORT`	Port on which Directory Proxy Server listens for client connections. The default value is `489`.

Directory Proxy Server: Server Root Information

The installer needs the values in the following table only if a previous installation of Administration Server is present.

TABLE 1–29 Server Root Information for Directory Proxy Server

Label and State File Parameter	Description
Administration Server Root Directory DPS_SERVERROOT	The file system directory where Administration Server configuration data for this instance of Directory Proxy Server is stored. This directory is associated with the Server Root (ADMINSERV_ROOT) in the Administration Server configuration. See "Administration Server: Administration Information" on page 45. The format for this value is a fully qualified path name on the local file system. There is no default value.

HADB Configuration Information

The installer needs the following information for HADB .

TABLE 1–30 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 Administration Group HADB_DEFAULT_GROUP	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 group. The default value is no.

Portal Server Configuration Information

The installer needs the following information for Portal Server:

Portal Server: Web Container Information

Portal Server runs in one of four web containers. The information that the installer needs is different for each web container. The following table lists the four web containers and the tables that describe the information required for each web container.

TABLE 1–31 Web Container Information for Portal Server

Web Container	Refer to the Following
Web Server	"Web Container Information: Portal Server with Web Server" on page 58
Application Server	"Web Container Information: Portal Server with Application Server" on page 59
BEA WebLogic	"Web Container Information: Portal Server with BEA WebLogic" on page 61
IBM WebSphere Application Server	"Web Container Information: Portal Server with IBM WebSphere" on page 62

Web Container Information: Portal Server with Web Server

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

TABLE 1–32 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/SUNWwbsvr Linux: /opt/sun/webserver

TABLE 1–32 Web Container Information for Portal Server with Web Server   *(Continued)*

Label and State File Parameter	Description
Server Instance PS_DEPLOY_INSTANCE	Web Server instance you want the Portal Server to use.
Server Instance Port PS_DEPLOY_PORT	Port on which Web Server listens for HTTP connections. The default value is 80. If you are installing Web Server in this installer session, the default value is the Web Server HTTP Port (WS_ADMIN_PORT) value. Refer to "Web Server: Default Web Server Instance Information" on page 81
Server Document Root PS_DEPLOY_DOCROOT	Directory where static pages are kept. The default value is: Solaris OS: /opt/SUNWwbsvr/docs Linux: /opt/sun/webserver/docs
Secure Server Instance Port PS_DEPLOY_PROTOCOL	Specify 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 http.

Web Container Information: Portal Server with Application Server

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

TABLE 1–33 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: /opt/sun/appserver
Domain Name PS_DEPLOY_DOMAIN	Name of the Application Server instance to which the Portal Server will be deployed. This name is also the name of the Application Server instance directory. The default value is domain1.

TABLE 1–33 Web Container Information for Portal Server with Application Server *(Continued)*

Label and State File Parameter	Description

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:
	`/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:
	`/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. The default value is `admin`.
Administrator Password PS_DEPLOY_ADMIN_PASSWORD	Password that the Portal Server uses to access the Application Server as administrator.
Secure Server Instance Port PS_DEPLOY_PROTOCOL	Specify 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	Specify 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 `http`.

Web Container Information: Portal Server with BEA WebLogic

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

TABLE 1–34 Web Container Information for Portal Server with BEA WebLogic

Label and State File Parameter	Description
Home Directory PS_DEPLOY_DIR	Path to the BEA WebLogic home directory. The default value is /usr/local/bea.
Product Installation Directory PS_DEPLOY_PRODUCT_DIR	Path to the directory where BEA WebLogic is installed. The default is /usr/local/bea/weblogic81.
User Project's Directory PS_DEPLOY_PROJECT_DIR	Path to the directory where BEA WebLogic stores user projects. The default is user_projects.
Product JDK Directory PS_DEPLOY_JDK_DIR	Path to the directory where the copy of JDK that BEA WebLogic uses is installed. The default is /usr/local/bea/jdk141_05.
Server / Cluster Domain PS_DEPLOY_DOMAIN	Name of the BEA WebLogic domain in which BEA WebLogic is deployed. The default is mydomain.
Server / Cluster Instance PS_DEPLOY_INSTANCE	Name of the BEA WebLogic instance that will run Portal Server. The default is myserver.
Server / Cluster Port PS_DEPLOY_PORT	Port on which BEA WebLogic listens for administrative connections. The default is 7001.
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 is http.
Document Root Directory PS_DEPLOY_DOCROOT	Path to the directory where BEA WebLogic stores content documents.
Administrator User ID PS_DEPLOY_ADMIN	User name of the BEA WebLogic administrator (system user). The default is weblogic.

TABLE 1–34 Web Container Information for Portal Server with BEA WebLogic   *(Continued)*

Label and State File Parameter	Description
Administrator Password PS_DEPLOY_ADMIN_PASSWORD	Password of the BEA WebLogic administrator (system user).
Managed Server PS_DEPLOY_NOW	Enables you to indicate that the BEA WebLogic Server is a managed server. If the BEA WebLogic Server is a managed server, the Portal Server web applications should not be deployed to the specified WebLogic Server Instance. In a state file, specify n for a managed server or y for a non-managed server. The default value is y.

Web Container Information: Portal Server with IBM WebSphere

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

TABLE 1–35 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.
Virtual Host PS_DEPLOY_VIRTUAL_HOST	Name of the virtual host alias for the IBM WebSphere Application Server instance. The default value is default_host.
Cell PS_DEPLOY_CELL	Name of the IBM WebSphere Application Server cell. The default value is DefaultNode.
Node 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.

TABLE 1–35 Web Container Information for Portal Server with IBM WebSphere *(Continued)*

Label and State File Parameter	Description
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 `9080`.
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.
Java Home Directory PS_DEPLOY_JDK_DIR	Path to the Java installation that IBM WebSphere Application Server uses. The default is `/opt/IBM/WebsSphere/Express51/Appserver/java`.
Secure server instance 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`.

Portal Server: Web Container Deployment

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

TABLE 1–36 Portal Information for Portal Server, All Scenarios

Label and State File Parameter	Description
Load Balancer Protocol	Specifies whether the load balancer uses HTTP or HTTPS protocol. This option is enabled only if you specify the "Load Balancer controlling multiple Portal Servers" option. Used to construct the PS_LOAD_BALANCER_URL parameter.

TABLE 1–36 Portal Information for Portal Server, All Scenarios   *(Continued)*

Label and State File Parameter	Description
Load Balancer Host	The fully qualified name of the load balancer host. This option is enabled only if you specify the "Load Balancer controlling multiple Portal Servers" option.
	Used to construct the `PS_LOAD_BALANCER_URL` parameter.
Load Balancer Port	The port on which the load balancer listens for connections. This option is enabled only if you specify the "Load Balancer controlling multiple Portal Servers" option.
	Used to construct the `PS_LOAD_BALANCER_URL` parameter.
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.
	The default value is `/portal`.
Load Balancer controlling multiple Portal Servers	Specify whether the Portal Server you are installing is accessed through a load balancer that is controlling multiple Portal Servers.
Install Sample Portal `PS_SAMPLE_PORTAL`	Specify whether to install a sample portal.
	In a state file, the value can be `y` or `n`. The default value is `y`.

Portal Server Secure Remote Access Configuration Information

This section first describes installation of Secure Remote Access Core, and then describes installation of the Gateway, Netlet Proxy, and Rewriter Proxy subcomponents of Portal Server Secure Remote Access.

- "Secure Remote Access Core Configuration" on page 65
- "Gateway Configuration" on page 68
- "Netlet Proxy Configuration" on page 71
- "Rewriter Proxy Configuration" on page 75

Secure Remote Access Core Configuration

This section lists the types of information that the installer needs when installing Portal Server Secure Remote Access Core. The information that you must supply differs according to which of the following scenarios applies:

- **Single-session installation.** You are installing Portal Server and Portal Server Secure Remote Access together.

- **Multiple Session installation.** You install Portal Server in one session, and then install Portal Server Secure Remote Access in a later session.

TABLE 1–37 Information Needed for Installation of Portal Server Secure Remote Access Core

Portal Server Situation	Requirements	Location of Information
Portal Server is being installed in this session.	Gateway information	"Single-Session Installation" on page 65
Portal Server Is already installed and using Web Server or IBM WebSphere Application Server.	Web Container Deployment information Gateway information Access Manager information	"Multiple Session Installation with Sun Java System Web Server or IBM WebSphere Application Server" on page 66
Portal Server Is already installed and using Application Server.	Web Container Deployment information Access Manager information Gateway information Sun Java System Application Server information	"Multiple Session Installation with Sun Java System Application Server or BEA WebLogic" on page 67
Portal Server Is already installed and using BEA WebLogic.	Web Container Deployment information Gateway information Access Manager information BEA WebLogic information	"Multiple Session Installation with Sun Java System Application Server or BEA WebLogic" on page 67

Single-Session Installation

When you install Portal Server Secure Remote Access Core and Portal Server in a single session, you provide information about Portal Server Secure Remote Access Gateway. The installer obtains other Portal Server Secure Remote Access configuration information from the Portal Server configuration.

This section describes the gateway information that the installer needs when you are installing Portal Server Secure Remote Access Core.

TABLE 1–38 Portal Server Secure Remote Access Gateway Information

Label and State File Parameter	Description
Gateway 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`.
Portal Server Domain SRA_SERVER_DOMAIN	Domain name of the Portal Server. For example, if the fully qualified domain name is `siroe.subdomain1.example.com`, enter `subdomain1.example.com`.
Gateway Domain SRA_GATEWAY_DOMAIN	Domain name for the gateway component. For example, if the fully qualified domain name of the Portal Server 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.

Multiple Session Installation with Sun Java System Web Server or IBM WebSphere Application Server

This section lists the information you must provide when you install Portal Server Secure Remote Access on a host where the following is true:

- Portal Server is already installed
- Portal Server is deployed into a Sun Java System Web Server or IBM WebSphere Application Server web container

In this scenario, you must provide the following types of information:

- Web Container Deployment information
- Gateway information
- Access Manager information

The following table lists the information that you specify about the web container.

TABLE 1–39 Web Container Deployment Information for Portal Server Secure Remote Access Core

Label and State File Parameter	Description
Deployment URI SRA_DEPLOY_URI	Uniform Resource Identifier (URI) that you use to deploy Portal Server.
	The value for the deployment URI must have a leading slash and must contain only one slash.
	The default value is /portal.

The following table lists the information that you specify about Access Manager.

TABLE 1–40 Access Manager Information for Portal Server Secure Remote Access Core

Label and State File Parameter	Description
Directory Manager DN USER_DIR_ADM_USER	DN of the user who has unrestricted access to Directory Server.
	The default value is cn=Directory Manager.
	In a state file, this parameter has no default value, and needs a value only if USE_EXISTING_USER_DIR is set to 1.
Directory Manager Password USER_DIR_ADM_PASSWD	Password for the directory manager.
	In a state file, this parameter has no default value, and needs a value only if USE_EXISTING_USER_DIR is set to 1.

Multiple Session Installation with Sun Java System Application Server or BEA WebLogic

This section lists the information you must provide when you install Portal Server Secure Remote Access on a host where the following is true:

- Portal Server is already installed
- Portal Server is deployed into a Sun Java System Application Server web container or a BEA WebLogic web container

  In this scenario, you must provide the following types of information:

- Web Container Deployment information
- Access Manager information
- Sun Java System Application Server Information or BEA WebLogic Information

  The following table lists the information that you specify about the web container.

TABLE 1–41 Web Container Deployment Information for Portal Server Secure Remote Access Core

Label and State File Parameter	Description
Deployment URI SRA_DEPLOY_URI	Uniform Resource Identifier (URI) that you use to deploy Portal Server. The value for the deployment URI must have a leading slash and must contain only one slash. The default value is /portal.

The following table lists the information that you specify about Access Manager.

TABLE 1–42 Access Manager Information for Portal Server Secure Remote Access Core

Label and State File Parameter	Description
Directory Manager DN USER_DIR_ADM_USER	DN of the user who has unrestricted access to Directory Server. The default value is cn=Directory Manager. In a state file, this parameter has no default value, and needs a value only if USE_EXISTING_USER_DIR is set to 1.
Directory Manager Password USER_DIR_ADM_PASSWD	Password for the directory manager. In a state file, this parameter has no default value, and needs a value only if USE_EXISTING_USER_DIR is set to 1.

The following table lists the information that you specify about Sun Java System Application Server or BEA WebLogic Server

TABLE 1–43 Sun Java System Application Server or BEA WebLogic Server Information for Portal Server Secure Remote Access Core

Label and State File Parameter	Description
Administrator User Password PS_DEPLOY_ADMIN_PASSWORD	Password that Portal Server uses to access Application Server or BEA WebLogic as administrator.

Gateway Configuration

This section lists the information you must provide when you install the Gateway subcomponent. In this scenario, you must provide the following types of information:

■ "Web Container Deployment Information" on page 71

Web Container Deployment Information

The following table lists the information that you specify about the web container, for either Portal Server or the load balancer.

TABLE 1–44 Web Container Deployment Information for Portal Server Secure Remote Access Gateway

Label and State File Parameter	Description
Deployment URI SRA_DEPLOY_URI	Uniform Resource Identifier (URI) that you use to deploy Portal Server. The value for the deployment URI must have a leading slash and must contain only one slash. The default value is /portal.

Access Manager Information

The following table lists the information that you must specify about Access Manager.

TABLE 1–45 Access Manager Information for Portal Server Secure Remote Access Gateway

Label and State File Parameter	Description
Installation Directory SRA_IS_INSTALLDIR	Directory in which the Access Manager component is installed. The default value is /opt.

Gateway Information

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

TABLE 1–46 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.
Host Name SRA_GW_HOSTNAME	Name of the host on which the gateway component is installed. For example, if the fully qualified domain name is siroe.subdomain1.example.com, enter 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.
Log User Password SRA_LOG_USER_PASSWORD	Password that allows administrators with non-root access to access gateway log files.
Start gateway after installation SRA_GW_START	Directs the installer to automatically start Gateway after installation. In a state file, the permitted values are y or n. The default value is y.

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 1–47 Certificate Information for Portal Server Secure Remote Access Gateway

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.
Certificate Database Password SRA_CERT_PASSWORD	Password (and confirmation) that applies only to self-signed certificates.

Netlet Proxy Configuration

This section lists the information you must provide when you install the Netlet Proxy subcomponent. In this scenario, you must provide the following types of information:

- "Web Container Deployment Information" on page 76
- "Netlet Proxy Information" on page 72
- "Proxy Information" on page 77
- "Certificate Information" on page 79

Web Container Deployment Information

The following table lists the information that you specify about the web container. Information applies to either Portal Server or the load balancer

TABLE 1–48 Web Container Deployment Information for Portal Server Secure Remote Access Netlet Proxy

Label and State File Parameter	Description
Deployment URI SRA_DEPLOY_URI	Uniform Resource Identifier (URI) that you use to deploy Portal Server. The value for the deployment URI must have a leading slash and must contain only one slash. The default value is /portal.

Access Manager Information

The following table lists the information that you must specify about Access Manager.

TABLE 1–49 Access Manager Information for Portal Server Secure Remote Access Netlet Proxy

Label and State File Parameter	Description
Installation Directory SRA_IS_INSTALLDIR	Directory in which the Access Manager component is installed. The default value is /opt.

Netlet Proxy Information

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

TABLE 1–50 Netlet Proxy Information for Portal Server Secure Remote Access Netlet Proxy

Label and State File Parameter	Description
Host Name	Host name of the Netlet Proxy host.
SRA_NLP_HOSTNAME	The default value is the host name of the local host.
Subdomain	Subdomain name of the Netlet Proxy host.
SRA_NLP_SUBDOMAIN	There is no default value.
Domain	Domain name of the Netlet Proxy host.
SRA_NLP_DOMAIN	The default value is the domain of the local host.
Host IP Address	IP address of the Netlet Proxy host.
SRA_NLP_IPADDRESS	The default value is the IP address of the local host.

TABLE 1–50 Netlet Proxy Information for Portal Server Secure Remote Access Netlet Proxy   *(Continued)*

Label and State File Parameter	Description
Access Port SRA_NLP_PORT	Port on which the 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.
Start Netlet Proxy after installation SRA_NLP_START	Directs the installer to automatically start Netlet Proxy after installation. In a state file, the value can be y or n. The default value is y.

Proxy Information

The following table describes information that you must enter if you are installing the proxy subcomponents on a host on which there is an existing installation of Portal Server Secure Remote Access.

TABLE 1–51 Proxy Information for Portal Server Secure Remote Access Netlet Proxy

Label and State File Parameter	Description
Work with Portal Server on another host? SRA_IS_CREATE_INSTANCE	Select this option (or answer y in CLI mode) only if you are installing the Netlet and Rewriter proxies on this host and these proxies are interacting with a remote instance of Portal Server SRA. Deselect this option (or answer n in CLI mode) if the Netlet and Rewriter proxies are interacting with a local instance of Portal Server SRA. In a state file, the permitted values are y or n. The meanings of these values in a state file is as follows: ■ y specifies that the proxies work with a local instance of Portal Server SRA ■ n specifies that the proxies work with a remote instance of Portal Server SRA The remaining fields in this table apply only if you select this option to indicate that these proxies will work with a remote instance of Portal Server SRA.

TABLE 1–51 Proxy Information for Portal Server Secure Remote Access Netlet Proxy *(Continued)*

Label and State File Parameter	Description
Portal Server Protocol SRA_SERVER_PROTOCOL	Protocol (HTTP or HTTPS) that the gateway will use to communicate with Portal Server. In a state file, specify `https` or `http`. The default value is `https`.
Portal Server Host SRA_SERVER_HOST	Host name of the host on which you are installing Portal Server.
Portal Server Port SRA_SERVER_PORT	Port used to access Portal Server. The default value is `8080`.
Portal Server Deployment URI SRA_SERVER_DEPLOY_URI	Uniform Resource Identifier (URI) that you use to deploy Portal Server. The value for the deployment URI must have a leading slash and must contain only one slash. The default value is `/portal`.
Organization DN SRA_IS_ORG_DN	The distinguished name (DN) of the root suffix for the domain in which Portal Server is being installed. The default value is `dc=com`. You must edit this default value.
Access Manager Service URI SRA_IS_SERVICE_URI	Uniform Resource Identifier used to invoke Access Manager services. The default value is `/amserver`.
Access Manager Password Encryption Key SRA_IS_PASSWORD_KEY	A string containing the encryption key generated during Access Manager installation. This string is used as the seed for password generation. Portal Server SRA must use the encryption key that Access Manager used at installation, so the installer automatically sets the default value to that key. In the interactive installer, do not edit the displayed default value. After installation of Access Manager, the encryption key is mapped to the Access Manager properties file, `AMConfig.properties`. Location is: Solaris OS: `/etc/opt/SUNWam/config` Linux: `/etc/opt/sun/identity/config` The property that contains this value is `am.encryption.pwd`.

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 1–52 Certificate Information for Portal Server Secure Remote Access Netlet 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.
Certificate Database Password SRA_CERT_PASSWORD	Password (and confirmation) that applies only to self-signed certificates.

Rewriter Proxy Configuration

This section lists the information you must provide when you install the Rewriter Proxy subcomponent. In this scenario, you must provide the following types of information:

- Web Container Deployment information
- Rewriter Proxy information
- Proxy information
- Certificate information

  The following sections provide details on the information you must provide.

Web Container Deployment Information

The following table lists the information that you specify about the web container.

TABLE 1–53 Web Container Deployment Information for Portal Server Secure Remote Access Rewriter Proxy

Label and State File Parameter	Description
Deployment URI SRA_DEPLOY_URI	Uniform Resource Identifier (URI) that you use to deploy Portal Server. The value for the deployment URI must have a leading slash and must contain only one slash. The default value is /portal.

Rewriter Proxy Information

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

TABLE 1–54 Rewriter Proxy Information for Portal Server Secure Remote Access Rewriter Proxy

Label and State File Parameter	Description
Host Name SRA_RWP_HOSTNAME	Host name of the host on which you are installing the Rewriter Proxy. The default value is the host name of the local host.
Subdomain SRA_RWP_SUBDOMAIN	Subdomain name of the host on which the Rewriter Proxy is being installed. There is no default value.
Domain SRA_RWP_DOMAIN	Domain name of the host on which the Rewriter Proxy is being installed. The default value is the domain name of the local host.
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.

TABLE 1–54 Rewriter Proxy Information for Portal Server Secure Remote Access Rewriter Proxy *(Continued)*

Label and State File Parameter	Description
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`.
Log User Password SRA_LOG_USER_PASSWORD	Password that allows administrators with non-root access to access log files.
Start Rewriter Proxy after installation SRA_RWP_START	Directs the installer to automatically start Rewriter Proxy after installation. In a state file, the value can be y or n. The default value is y.

Proxy Information

The following table describes information that you must enter if you are installing the proxy subcomponents on a host on which there is an existing installation of Portal Server Secure Remote Access.

TABLE 1–55 Proxy Information for Portal Server Secure Remote Access Rewriter Proxy

Label and State File Parameter	Description
Work with Portal Server on another host? SRA_IS_CREATE_INSTANCE	Select this option (or answer y in CLI mode) only if you are installing the Netlet and Rewriter proxies on this host and these proxies are interacting with a remote instance of Portal Server SRA. Deselect this option (or answer n in CLI mode) if the Netlet and Rewriter proxies are interacting with a local instance of Portal Server SRA. In a state file, the permitted values are y or n. The meanings of these values in a state file is as follows: ■ y specifies that the proxies work with a local instance of Portal Server SRA ■ n specifies that the proxies work with a remote instance of Portal Server SRA The remaining fields in this table apply only if you select this option to indicate that these proxies will work with a remote instance of Portal Server SRA.

TABLE 1–55 Proxy Information for Portal Server Secure Remote Access Rewriter Proxy *(Continued)*

Label and State File Parameter	Description
Protocol SRA_SERVER_PROTOCOL	Protocol (HTTP or HTTPS) that the gateway will use to communicate with Portal Server. In a state file, specify `https` or `http`. The default value is `https`.
Portal Host Name SRA_SERVER_HOST	Fully qualified domain name of the host on which you are installing Portal Server.
Portal Server Port SRA_SERVER_PORT	Port used to access Portal Server. The default value is `80`.
Portal Server Deployment URI SRA_DEPLOY_URI	Uniform Resource Identifier (URI) that you use to deploy Portal Server. The value for the deployment URI must have a leading slash and must contain only one slash. The default value is `/portal`.
Organization DN SRA_IS_ORG_DN	The distinguished name (DN) of the root suffix for the domain in which Portal Server is being installed. The default value is `.com`. You must edit this default value.
Service URI SRA_IS_SERVICE_URI	Uniform Resource Identifier used to invoke Access Manager services. The default value is `/amserver`.
Access Manager Password Encryption Key SRA_IS_PASSWORD_KEY	A string that Access Manager uses to encrypt user passwords. Portal Server SRA must use the encryption key that Access Manager used at installation, so the installer automatically sets the default value to that key. In the interactive installer, do not edit the displayed default value. You can find the Access Manager encryption key in the Access Manager properties file, `AMConfig.properties`. Location is: Solaris OS: `/etc/opt/SUNWam/config` Linux: `/etc/opt/sun/identity/config` The property that contains this value is `am.encryption.pwd`.

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 1–56 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.
Certificate Database Password SRA_CERT_PASSWORD	Password (and confirmation) that applies only to self-signed certificates.

Web Server Configuration Information

The installer needs the following information for Web Server:

- Administration information
- Default Web Server instance information

Web Server: Administration Information

TABLE 1–57 Administration Information for Web Server

Label and State File Parameter	Description
Administrator User ID WS_ADMIN_USER	User ID of the Web Server administrator. The default value is the Administrator User ID you provided under Common Server Settings. Refer to "Common Server Settings" on page 22.
Administrator Password WS_ADMIN_PASSWORD	Password for the Web Server administrator. The default value is the Administrator Password you provided under Common Server Settings. Refer to "Common Server Settings" on page 22.
Web 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*.
Administration Port WS_ADMIN_PORT	Port on which Web Server's Administration Server listens for connections. The default value is 8888.
Administration Runtime User ID WS_ADMIN_SYSTEM_USER	User ID under which Web Server Administration Server runs. The default value is root.

Web Server: Default Web Server Instance Information

TABLE 1–58 Default Web Server Instance Information for Web Server

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. 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.
Runtime Group WS_INSTANCE_GROUP	Group ID in which the default instance of Web Server runs.
	The default value is root.
HTTP Port WS_INSTANCE_PORT	Port on which Web Server listens for HTTP connections.
	The default value is 80.
Document Root Directory WS_INSTANCE_CONTENT_ROOT	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: /opt/SUNWwbsvr/docs
	Linux: /opt/sun/webserver/docs
Automatically start Web Server when system restarts WS_INSTANCE_AUTO_START	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 Y or N. The default value is Y.

Web Proxy Server Configuration Information

TABLE 1–59 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 is `admin` or the value you provided under Common Server Settings.
Administrator Password WPS_ADMIN_PASSWORD	The password of the Web Proxy Server administrator. The default is the value you provided under Common Server Settings.
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 is the value you provided for System Users under Common Server Settings.
Instance Runtime User ID WPS_ADMIN_USER	An existing non–root user. Default value is `nobody`.
Proxy Instance Port WPS_INSTANCE_PORT	
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.

Parameters Used Only in State Files

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

TABLE 1–60 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 Enterprise System. The value can be `yes` or `no`. The parameter is case sensitive. The default value is `no`.
CONFIG_TYPE	Defines the configuration type. Permitted values are `Custom` (meaning configure during installation) and `Skip` (meaning configure after installation, called Configure Later). The default value is `Custom`, called Configure Now. 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`.

TABLE 1–60 State File Parameters *(Continued)*

Parameter Name	Description
LANGUAGE_SUPPORT	Specifies which languages to install. Permitted values are as follows: ■ en (English) ■ es (Spanish) ■ ja (Japanese) ■ fr (French) ■ de (German) ■ ko (Korean) ■ zh_TW (Traditional Chinese) ■ zh_CN (Simplified Chinese) English is installed in all cases, even if the parameter value is blank. To select multiple languages, insert a comma between two language abbreviations. For example, you could specify en,es,ja,fr.
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 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.
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. The default value is Yes. This parameter is not case sensitive.
PSP_SELECTED_COMPONENTS	A comma separated list of components and subcomponents you want to install. The default value is All.

TABLE 1–60 State File Parameters   *(Continued)*

Parameter Name	Description
REMOVE_BUNDLED_PRODUCTS	Causes the installer to remove the Application Server and Message Queue products that come bundled with the Solaris OS before installing Java ES versions of these components.

Configuration Worksheets

This chapter contains the worksheets for gathering configuration data that is required during a Configure Now installation. These worksheets correspond to the configuration tables in Chapter 1.

Note – Worksheets are included only for the components that can be configured by the Sun Java™ Enterprise System (Java ES) installer.

This chapter contains the following sections:

Access Manager Worksheets

There are two worksheets for Access Manager, one for each of the web containers in which you can deploy Access Manager:

Access Manager Deployed on Application Server

For detailed explanations of the fields in this worksheet, refer to the tables under "Access Manager Configuration Information" on page 23.

TABLE 2–1 Access Manager Deployed on Application Server Configuration Worksheet

Label and State File Parameter	Data
Installation Directories	
Access Manager CMN_IS_INSTALLDIR	Your data: ———————————————————————————— Example: /opt (default)
Administration	
Administrator User ID IS_ADMIN_USER_ID	Your data: **amadmin** Cannot be changed.
Administrator Password IS_ADMINPASSWD	Your data: ———————————————————————————— (default from Common Server Settings)
LDAP User ID IS_LDAP_USER	Your data: **amldapuser** Cannot be changed.
LDAP Password IS_LDAPUSERPASSWD	Your data: ———————————————————————————— Restriction: Must be different from Administrator Password.
Password Encryption Key AM_ENC_PWD	Your data: ———————————————————————————— Example for state file: LOCK (default) Example for interactive installation: Default is generated.
Sun Java System Application Server	
Installation Directory IS_APPSERVERBASEDIR	Your data: ———————————————————————————— Default locations Solaris OS: /opt/SUNWappserver/appserver Linux: /opt/sun/appserver)
Access Manager Runtime Instance IS_IAS81INSTANCE	Your data: ———————————————————————————— Example: server (default)

TABLE 2–1 Access Manager Deployed on Application Server Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Instance Directory `IS_IAS81INSTANCEDIR`	Your data: ———————————————————————————— Default locations Solaris OS: `/var/opt/SUNWappserver/domains/domain1/` Linux: `/var/opt/sun/appserver/domains/domain1/`
Access Manager Instance Port `IS_IAS81INSTANCE_PORT`	Your data: ———————————————————————————— Example: `8080` (default)
Document Root `IS_SUNAPPSERVER_DOCS_DIR`	Your data: ———————————————————————————— Default locations Solaris OS: `/var/opt/SUNWappserver/domains/domain1/docroot` Linux: `/var/opt/sun/appserver/domains/domain1/docroot`
Administrator User ID `IS_IAS81_ADMIN`	Your data: ———————————————————————————— Example: `admin` (default from Common Server Settings)
Administrator Password `IS_IAS81_ADMINPASSWD`	Your data: ———————————————————————————— (default from Common Server Settings)
Administrator Port `IS_IAS81_ADMINPORT`	Your data: ———————————————————————————— Example: `4849` (default)
Secure Instance Protocol `IS_SERVER_PROTOCOL`	Your data: ———————————————————————————— Example for state file: `http` (default)
Administration Server Protocol `ASADMIN_PROTOCOL`	Your data: ———————————————————————————— Example for state file: `https` (default)
Web Container for running Access Manager Services	
Host Name `IS_SERVER_HOST`	Your data: ———————————————————————————— Example: `mycomputer.example.com`

TABLE 2–1 Access Manager Deployed on Application Server Configuration Worksheet　　*(Continued)*

Label and State File Parameter	Data
Services Deployment URI SERVER_DEPLOY_URI	Your data: _____ Example: amserver (default) Note: Do not enter a leading slash.
Common Domain Deployment URI CDS_DEPLOY_URI	Your data: _____ Example: amcommon (default) Note: Do not enter a leading slash.
Cookie Domain COOKIE_DOMAIN_LIST	Your data: _____ Example: .example.com Note: Leading period (.) required.
Deploy new console *and*Use existing console USE_DSAME_SERVICES_WEB_CONTAINER	See "Installing Access Manager Core and Console" on page 30 for guidelines.
Console Deployment URI CONSOLE_DEPLOY_URI	Your data: _____ Legacy mode (6.x): amconsole or amserver Realm mode (7.x): amserver Note: Do not enter a leading slash.
Password Deployment URI PASSWORD_SERVICE_DEPLOY_URI	Your data: _____ Example: ampassword (default) Note: Do not enter a leading slash.
Console Host CONSOLE_HOST	Your data: _____ Example: mycomputer.example.com
Console Port CONSOLE_PORT	Your data: _____ Example: 80
Directory Server Information	

TABLE 2–1 Access Manager Deployed on Application Server Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Directory Server Host `IS_DS_HOSTNAME`	Your data: _____ Example: `mycomputer.example.com`
Directory Server Port `IS_DS_PORT`	Your data: _____ Example: `389` (default)
Access Manager Directory Root Suffix `IS_ROOT_SUFFIX`	Your data: _____ Example: `dc=example,dc=com`
Directory Manager DN `IS_DIRMGRDN`	Your data: _____ Example: `cn=Directory Manager` (default)
Directory Manager Password `IS_DIRMGRPASSWD`	Your data: _____ (default from Common Server Settings)
Directory Server Information, provisioned directory	
Is Directory Server provisioned with user data? `IS_LOAD_DIT`	Your data: _____ Example: `no` (default)
Organization Marker Object Class `IS_ORG_OBJECT_CLASS`	Your data: _____ Example: `SunISManagedOrganization` (default)
Organization Naming Attribute `IS_ORG_NAMING_ATTR`	Your data: _____ Example: `o` (default)
User Marker Object Class `IS_USER_OBJECT_CLASS`	Your data: _____ Example: `inetorgperson` (default)
User Naming Attribute `IS_USER_NAMING_ATTR`	Your data: _____ Example: `uid` (default)

Access Manager Deployed on Web Server

For detailed explanations of the fields in this worksheet, refer to the tables under "Access Manager Configuration Information" on page 23.

TABLE 2–2 Access Manager Deployed on Web Server Configuration Worksheet

Label and State File Parameter	Data
Installation Directories	
Access Manager	Your data: _____
CMN_IS_INSTALLDIR	Example: /opt (default)
Administration	
Administrator User ID	Your data: **amadmin**
IS_ADMIN_USER_ID	Cannot be changed.
Administrator Password	Your data: _____
IS_ADMINPASSWD	(default from Common Server Settings)
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	Example for state file: LOCK (default) Example for interactive installation: Default is generated.
Sun Java System Web Server	
Host Name	Your data: _____
IS_WS_HOST_NAME	Example: mycomputer.example.com
Web Server Port	Your data: _____
IS_WS_INSTANCE_PORT	Example: 80 (default)
Web Server Instance Directory	Your data: _____
IS_WS_INSTANCE_DIR	Solaris OS: /opt/SUNWwbsvr/https-mycomputer.example.com
	Linux: /opt/sun/webserver/https-mycomputer.example.com
Document Root Directory	Your data: _____
IS_WS_DOC_DIR	Solaris OS: /opt/SUNWwbsvr/docs (default)
	Linux: /opt/sun/webserver/docs (default)

TABLE 2–2 Access Manager Deployed on Web Server Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Server Instance Protocol IS_SERVER_PROTOCOL	Your data: _____ Example for interactive: http for non-secure, https for secure Example for state file: http (default)
Web Container for running Access Manager Services	
Host Name IS_SERVER_HOST	Your data: _____ Example: mycomputer.example.com
Services Deployment URI SERVER_DEPLOY_URI	Your data: _____ Example: amserver (default) Note: Do not enter a leading slash.
Common Domain Deployment URI CDS_DEPLOY_URI	Your data: _____ Example: amcommon (default) Note: Do not enter a leading slash.
Cookie Domain COOKIE_DOMAIN_LIST	Your data: _____ Example: .example.com Note: Leading period (.) required.
Deploy new console *and* Use existing console USE_DSAME_SERVICES_WEB_CONTAINER	See "Installing Access Manager Core and Console" on page 30 for guidelines.
Console Deployment URI CONSOLE_DEPLOY_URI	Your data: _____ Legacy mode (6.x): amconsole or amserver Realm mode (7.x): amserver Note: Do not enter a leading slash.
Password Deployment URI PASSWORD_SERVICE_DEPLOY_URI	Your data: _____ Example: ampassword (default) Note: Do not enter a leading slash.

Label and State File Parameter	Data
Console Host `CONSOLE_HOST`	Your data: _____ Example: `mycomputer.example.com`
Console Port `CONSOLE_PORT`	Your data: _____ Example: `80`
Directory Server Information	
Directory Server Host `IS_DS_HOSTNAME`	Your data: _____ Example: `mycomputer.example.com`
Directory Server Port `IS_DS_PORT`	Your data: _____ Example: `389` (default)
Access Manager Directory Root Suffix `IS_ROOT_SUFFIX`	Your data: _____ Example: `dc=example,dc=com`
Directory Manager DN `IS_DIRMGRDN`	Your data: _____ Example: `cn=Directory Manager` (default)
Directory Manager Password `IS_DIRMGRPASSWD`	Your data: _____ (default from Common Server Settings)
Directory Server Information, provisioned directory	
Is Directory Server provisioned with user data? `IS_LOAD_DIT`	Your data: _____ Example: `no` (default)
Organization Marker Object Class `IS_ORG_OBJECT_CLASS`	Your data: _____ Example: `SunISManagedOrganization` (default)
Organization Naming Attribute `IS_ORG_NAMING_ATTR`	Your data: _____ Example: `o` (default)

TABLE 2–2 Access Manager Deployed on Web Server Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
User Marker Object Class IS_USER_OBJECT_CLASS	Your data: _____ Example: `inetorgperson` (default)
User Naming Attribute IS_USER_NAMING_ATTR	Your data: _____ Example: `uid` (default)

Administration Server Worksheet

For detailed explanations of the fields in this worksheet, refer to the tables under .

TABLE 2–3 Administration Server Configuration Worksheet

Label and State File Parameter	Data
Server Settings	
Server Root ADMINSERV_ROOT	Your data: _____ Example: `/var/opt/mps/serverroot` (default)
Administration Port ADMINSERV_PORT	Your data: _____ Example: `390` (default)
Administration Domain ADMINSERV_DOMAIN	Your data: _____ Example: `example.com`
System User ADMINSERV_SYSTEM_USER	Your data: _____ Example: `root` (default from Common Server Settings)
System Group ADMINSERV_SYSTEM_GROUP	Your data: _____ Example: `other` (default from Common Server Settings)
Configuration Directory Settings	

TABLE 2–3 Administration Server Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Administration User ID ADMINSERV_CONFIG_ADMIN_USER	Your data: —————————————————————————————— Example: `admin` (default from Common Server Settings)
Administrator Password ADMINSERV_CONFIG_ADMIN_PASSWORD	Your data: —————————————————————————————— (default from Common Server Settings)
Directory Server Host ADMINSERV_CONFIG_DIR_HOST	Your data: —————————————————————————————— Example: `mycomputer.example.com`
Directory Server Port ADMINSERV_CONFIG_DIR_PORT	Your data: —————————————————————————————— Example: `389` (default)

Application Server Worksheet

For detailed explanations of the fields in this worksheet, refer to the tables under .

TABLE 2–4 Application Server Configuration Worksheet

Label and State File Parameter	Data
Installation Directories	
Application Server CMN_AS_INSTALLDIR	Your data: —————————————————————————————— Solaris OS: `/opt/SUNWappserver` (default) Linux: `/opt/sun/appserver` (default)
Application Server Configuration CMN_AS_DOMAINSDIR	Your data: —————————————————————————————— Solaris OS: `/var/opt/SUNWappserver` (default) Linux: `/var/opt/sun/appserver` (default)
Administration	

TABLE 2–4 Application Server Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Admin User Name `AS_ADMIN_USER_NAME`	Your data: _____ Example: `admin` (default from Common Server Settings)
Password `AS_PASSWORD`	Your data: _____ (default from Common Server Settings)
Admin Port `AS_ADMIN_PORT`	Your data: _____ Example: `4849` (default)
JMX Port `AS_JMX_PORT`	Your data: _____ Example: `8686` (default)
HTTP Port `AS_HTTP_PORT`	Your data: _____ Example:`8080` (default)
HTTPS Port `AS_HTTPS_PORT`	Your data: _____ Example:`8181` (default)
Master Password `AS_MASTER_PASSWORD`	Your data: _____ (default from Common Server Settings)
Node Agent	
Admin Host Name `ASNA_ADMIN_HOST_NAME`	Your data: _____ Example: Host name for administration which the node agent can connect to. No default.
Admin User Name `ASNA_ADMIN_USER_NAME`	Your data: _____ Example: `admin` (default from Common Server Settings)
Password `ASNA_PASSWORD`	Your data: _____ (default from Common Server Settings)

TABLE 2–4 Application Server Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Master Password ASNA_MASTER_PASSWORD	Your data: _____ (default from Common Server Settings)
Admin Port ASNA_ADMIN_PORT	Your data: _____ Example: `4849` (default)
Node Agent Name ASNA_NODE_AGENT_NAME	Your data: _____ Example: Default is local host name.
Load Balancing Plugin	
Web server that will be used for plugin AS_WEB_SERVER_PLUGIN_TYPE	Your data: _____ Example: Default value is Web Server.
Location of the web server AS_WEB_SERVER_LOCATION	Your data: _____ Default value is Web Server if you are installing Web Server in the same session you install the load balancing plugin.

Directory Server Worksheet

For detailed explanations of the fields in this worksheet, refer to the tables under .

TABLE 2–5 Directory Server Configuration Worksheet

Label and State File Parameter	Data
Installation Directories	
Directory Server, Server Root CMN_DS_SERVER_ROOT	Your data: _____ Solaris OS: `/var/opt/mps/serverroot` (default) Linux: `/var/opt/sun/directory-server` (default)
Administration	

TABLE 2–5 Directory Server Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Administrator User ID `DS_ADMIN_USER`	Your data: _____ Example: `admin` (default from Common Server Settings)
Administrator Password `DS_ADMIN_PASSWORD`	Your data: _____ (default from Common Server Settings)
Directory Manager DN `DS_DIR_MGR_USER`	Your data: _____ Example: `cn=Directory Manager` (default)
Directory Manager Password `DS_DIR_MGR_PASSWORD`	Your data: _____ (default from Common Server Settings)
Server Settings	
Server Identifier `DS_SERVER_IDENTIFIER`	Your data: _____ Example: `mycomputer` (default from Common Server Settings)
Server Port `DS_SERVER_PORT`	Your data: _____ Example: `389` (default)
Suffix `DS_SUFFIX`	Your data: _____ Example: `dc=example,dc=com`
Administration Domain `DS_ADM_DOMAIN`	Your data: _____ Example: `example.com` (default from Common Server Settings)
System User `DS_SYSTEM_USER`	Your data: _____ Example: `root` (default from Common Server Settings)
System Group `DS_SYSTEM_GROUP`	Your data: _____ Example: `other` (default from Common Server Settings)
Configuration Directory Server	

TABLE 2–5 Directory Server Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Store configuration data on this server *and* Store configuration data in the following Directory Server USE_EXISTING_CONFIG_DIR	See "Directory Server: Configuration Directory Server Information" on page 52 for guidelines.
Directory Server Host CONFIG_DIR_HOST	Your data: —————————————————— Example: `othercomputer.example.com`
Directory Server Port CONFIG_DIR_PORT	Your data: —————————————————— Example: `389` (default)
Directory Manager DN CONFIG_DIR_ADM_USER	Your data: —————————————————— Example: `cn=Directory Manager` (default)
Directory Manager Password CONFIG_DIR_ADM_PASSWD	Your data: ——————————————————
Data Storage Location	
Store user data and group data on this server *and* Store user data and group data in the following Directory Server USE_EXISTING_USER_DIR	See "Directory Server: Data Storage Location Information" on page 53 for guidelines.
Directory Server Host USER_DIR_HOST	Your data: —————————————————— Example: `othercomputer.example.com`
Directory Server Port USER_DIR_PORT	Your data: —————————————————— Example: `389` (default)
Directory Manager DN USER_DIR_ADM_USER	Your data: —————————————————— Example: `cn=Directory Manager` (default)
Directory Manager Password USER_DIR_ADM_PASSWD	Your data: ——————————————————
Suffix USER_DIR_SUFFIX	Your data: —————————————————— Example: `dc=example,dc=com`

TABLE 2–5 Directory Server Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Data Population Information	
Populate with sample organizational structure DS_ADD_SAMPLE_ENTRIES	Your data: _____ Example: 1 or 0 (default)
Populate with data DS_POPULATE_DATABASE	Your data: _____ Example: 1 or 0 (default)
Sample data from Installer or Your data from LDIF File	See "Directory Server: Populate Data Information" on page 54 for guidelines.
File name DS_POPULATE_DATABASE_FILE_NAME	See "Directory Server: Populate Data Information" on page 54 for guidelines.
Disable schema checking to accelerate importing of sample data and schema conforming LDIF files DS_DISABLE_SCHEMA_CHECKING	Your data: _____ Example: 1 or 0 (default)

Directory Proxy Server Worksheet

For detailed explanations of the fields in this worksheet, refer to the tables under "Directory Proxy Server Configuration Information" on page 56.

TABLE 2–6 Directory Proxy Server Configuration Worksheet

Label and State File Parameter	Data
Installation Directories	
Directory Proxy Server CMN_DPS_INSTALLDIR	Your data: _____ Example: / (default)
Port Selection	
Directory Proxy Server Port DPS_PORT	Your data: _____ Example: 489 (default)

HADB Worksheet

For detailed explanations of the fields in this worksheet, refer to "HADB Configuration Information" on page 57.

TABLE 2–7 HADB Configuration Worksheet

Label and State File Parameter	Data
HADB Management Port HADB_DEFAULT_ADMINPORT	Your data: _____ Example: 1862
HADB Resource Directory HADB_DEFAULT_RESDIR	Your data: _____ Example: /var/opt
HADB Administrator Group HADB_DEFAULT_GROUP	Your data: _____ Default: other
HADB Automatic Startup HADB_AUTO_START	Your data: _____ Default: yes
HADB Group Management HADB_ALLOW_GROUPMANAGE	Your data: _____ Default: no

Portal Server Worksheets

There are four worksheets for Portal Server: one for each of the web containers in which you can deploy Portal Server:

- "Portal Server Deployed on Application Server" on page 103
- "Portal Server Deployed on Web Server" on page 104
- "Portal Server Deployed on BEA WebLogic Server" on page 106
- "Portal Server Deployed on IBM WebSphere Application Server" on page 108

Portal Server Deployed on Application Server

For detailed explanations of the fields in this worksheet, refer to the tables under
"Portal Server Configuration Information" on page 58.

TABLE 2–8 Portal Server Deployed on Application Server Configuration Worksheet

Label and State File Parameter	Data
Installation Directories	
Portal Server CMN_PS_INSTALLDIR	Your data: _____ Example: /opt (default)
Sun Java System Application Server	
Installation Directory PS_DEPLOY_DIR	Your data: _____ Solaris OS: /opt/SUNWappserver/appserver (default) Linux: /opt/sun/appserver (default)
Domain PS_DEPLOY_DOMAIN	Your data: _____ Solaris OS: domain1 (default) Linux: domain1 (default)
Server Instance PS_DEPLOY_INSTANCE	Your data: _____ Example: server (default)
Server Instance Port PS_DEPLOY_PORT	Your data: _____ Example: 8080 (default)
Document Root Directory PS_DEPLOY_DOCROOT	Your data: _____ Solaris OS: /var/opt/SUNWappserver/domains/domain1/docroot Linux: /var/opt/sun/appserver/domains/domain1/docroot
Administration Port PS_DEPLOY_ADMIN_PORT	Your data: _____ Example: 4849 (default)
Administrator User ID PS_DEPLOY_ADMIN	Your data: _____ Example: admin (default from Common Server Settings)

TABLE 2–8 Portal Server Deployed on Application Server Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Administrator User Password PS_IS_ADMIN_PASSWORD	Your data: _____ (default from Common Server Settings)
Server Instance Protocol PS_DEPLOY_PROTOCOL	Your data: _____ Example for state file: http (default)
Administration Server Protocol PS_DEPLOY_ADMIN_PROTOCOL	Your data: _____ Example for state file: https (default)
Web Container Deployment	
Deployment URI PS_DEPLOY_URI	Your data: _____ Example: /portal (default) Note: Leading slash (/) required.
Load Balancer controlling multiple Portal Servers	Your data: _____ Example for state file: n (default)
Load Balancer URL PS_LOAD_BALANCER_URL	Your data: _____
Install Sample Portal PS_SAMPLE_PORTAL	Your data: _____ Example for state file: y (default)

Portal Server Deployed on Web Server

For detailed explanations of the fields in this worksheet, refer to the tables under

TABLE 2–9 Portal Server Deployed on Web Server Configuration Worksheet

Label and State File Parameter	Data
Installation Directories	

TABLE 2–9 Portal Server Deployed on Web Server Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Portal Server CMN_PS_INSTALLDIR	Your data: _____ Solaris OS: /opt (default) Linux: /opt/sun (default)
Sun Java System Web Server	
Installation Directory PS_DEPLOY_DIR	Your data: _____ Solaris OS: /opt/SUNWwbsvr (default) Linux: /opt/sun/webserver (default)
Server Instance PS_DEPLOY_INSTANCE	Your data: _____ Example: mycomputer.example.com
Server Instance Port PS_DEPLOY_PORT	Your data: _____ Example: 80 (default)
Server Document Root PS_DEPLOY_DOCROOT	Your data: _____ Solaris OS: /opt/SUNWwbsvr/docs (default) Linux: /opt/sun/webserver/docs (default)
Secure Server Instance Port PS_DEPLOY_PROTOCOL	Your data: _____ Example for state file: http (default)
Web Container Deployment	
Deployment URI PS_DEPLOY_URI	Your data: _____ Example: /portal (default) Note: Leading slash (/) required.
Load Balancer controlling multiple Portal Servers	Your data: _____ Example for state file: n (default)
Load Balancer URL PS_LOAD_BALANCER_URL	Your data: _____

TABLE 2–9 Portal Server Deployed on Web Server Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Install Sample Portal PS_SAMPLE_PORTAL	Your data: _____ Example for state file: y (default)

Portal Server Deployed on BEA WebLogic Server

For detailed explanations of the fields in this worksheet, refer to the tables under .

TABLE 2–10 Portal Server Deployed on BEA WebLogic Server Configuration Worksheet

Label and State File Parameter	Data
Installation Directories	
Portal Server CMN_PS_INSTALLDIR	Your data: _____ Example: /opt (default)
BEA WebLogic Server	
Home Directory PS_DEPLOY_DIR	Your data: _____ Example: /usr/local/bea (default)
Product Installation Directory PS_DEPLOY_PRODUCT_DIR	Your data: _____ Example: /usr/local/bea/weblogic81 (default)
User Project's Directory PS_DEPLOY_PROJECT_DIR	Your data: _____ Example: user_projects (default)
Product JDK Directory PS_DEPLOY_JDK_DIR	Your data: _____ Example: /usr/local/bea/jdk141_05 (default)
Server / Cluster Domain PS_DEPLOY_DOMAIN	Your data: _____ Example: mydomain (default)

TABLE 2–10 Portal Server Deployed on BEA WebLogic Server Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Server / Cluster Instance PS_DEPLOY_INSTANCE	Your data: ——————————————————————————— Example: myserver (default)
Server / Cluster Port PS_DEPLOY_PORT	Your data: ——————————————————————————— Example: 7001 (default)
Server / Cluster Protocol PS_DEPLOY_PROTOCOL	Your data: ——————————————————————————— Example: http (default)
Document Root Directory PS_DEPLOY_DOCROOT	Your data: ———————————————————————————
Administrator User ID PS_DEPLOY_ADMIN	Your data: ——————————————————————————— Example: weblogic (default)
Administrator Password PS_IS_ADMIN_PASSWORD	Your data: ——————————————————————————— (default from Common Server Settings)
Managed Server PS_DEPLOY_NOW	Your data: ——————————————————————————— Example for state file: n (default)
Web Container Deployment	
Load Balancer Protocol	Your data: ——————————————————————————— Example for state file: http (default)
Load Balancer Host	Your data: ——————————————————————————— Example: mycomputer.example.com
Load Balancer Port	Your data: ——————————————————————————— Example: 80 (default)

TABLE 2–10 Portal Server Deployed on BEA WebLogic Server Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Deployment URI PS_DEPLOY_URI	Your data: _____ Example: /portal (default) Note: Leading slash (/) required.
Load Balancer controlling multiple Portal Servers	Your data: _____ Example for state file: n (default)
Install Sample Portal PS_SAMPLE_PORTAL	Your data: _____ Example for state file: y (default)

Portal Server Deployed on IBM WebSphere Application Server

For detailed explanations of the fields in this worksheet, refer to the tables under "Portal Server Configuration Information" on page 58.

TABLE 2–11 Portal Server Deployed on IBM WebSphere Application Server Configuration Worksheet

Label and State File Parameter	Data
Installation Directories	
Portal Server CMN_PS_INSTALLDIR	Your data: _____ Example: /opt (default)
IBM WebSphere Application Server	
Installation Directory PS_DEPLOY_DIR	Your data: _____ Example: /opt/IBM/WebSphere/Express51/AppServer (default)
Virtual Host PS_DEPLOY_VIRTUAL_HOST	Your data: _____ Example: default_host (default)
Cell PS_DEPLOY_CELL	Your data: _____ Example: DefaultNode (default)

TABLE 2–11 Portal Server Deployed on IBM WebSphere Application Server Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Node PS_DEPLOY_NODE	Your data: _____ Example: `DefaultNode` (default)
Server Instance PS_DEPLOY_INSTANCE	Your data: _____ Example: `server1` (default)
Server Instance Port PS_DEPLOY_PORT	Your data: _____ Example: `9080` (default)
Document Root Directory PS_DEPLOY_DOCROOT	Your data: _____ Example: `/opt/IBM/WebSphere/Express51/AppServer/installedApps\` `DefaultNode/DefaultApplication.ear` (default)
Java Home Directory PS_DEPLOY_JDK_DIR	Your data: _____ Example: `/opt/IBM/WebsSphere/Express51/Appserver/java` (default)
Secure server instance PS_DEPLOY_PROTOCOL	Your data: _____ Example for state file: `http` (default)
Web Container Deployment	
Load Balancer Protocol	Your data: _____ Example for state file: `http` (default)
Load Balancer Host	Your data: _____ Example: `mycomputer.example.com`
Load Balancer Port	Your data: _____ Example: `8080` (default)

TABLE 2–11 Portal Server Deployed on IBM WebSphere Application Server Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Deployment URI PS_DEPLOY_URI	Your data: _____ Example: /portal (default) Note: Leading slash (/) required.
Load Balancer controlling multiple Portal Servers	Your data: _____ Example for state file: n (default)
Install Sample Portal PS_SAMPLE_PORTAL	Your data: _____ Example for state file: y (default)

Portal Server Secure Remote Access Worksheet

For detailed explanations of the fields in this worksheet, refer to the tables under "Portal Server Secure Remote Access Configuration Information" on page 64.

TABLE 2–12 Portal Server Secure Remote Access Configuration Worksheet

Label and State File Parameter	Data
Installation Directories (always required)	
Portal Server Secure Remote Access CMN_SRA_INSTALLDIR	Your data: _____ Example: /opt (default)
Web Container Deployment (required except when installing only Secure Remote Access Core in the same session as Portal Server)	
Protocol SRA_SERVER_PROTOCOL	Your data: _____ Example for state file: http (default)

TABLE 2–12 Portal Server Secure Remote Access Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Host SRA_SERVER_HOST	Your data: _____ Example: mycomputer.example.com
Port SRA_SERVER_PORT	Your data: _____ Example: 8080 (default)
Deployment URI SRA_DEPLOY_URI	Your data: _____ Example: /portal (default)
Gateway Information (required when installing Secure Remote Access Core)	
Gateway Protocol SRA_GATEWAY_PROTOCOL	Your data: _____ Example for state file: https (default)
Portal Server Domain SRA_SERVER_DOMAIN	Your data: _____ Example: example.com
Gateway Domain SRA_GATEWAY_DOMAIN	Your data: _____ Example: example.com
Gateway Port SRA_GATEWAY_PORT	Your data: _____ Example: 443 (default)
Gateway Profile Name SRA_GATEWAY_PROFILE	Your data: _____ Example: default (default)
Log User Password SRA_LOG_USER_PASSWORD	Your data: _____ (default from Common Server Settings)
Gateway (required when installing Gateway)	
Protocol SRA_GW_PROTOCOL	Your data: _____ Example for state file: https (default)

TABLE 2–12 Portal Server Secure Remote Access Configuration Worksheet *(Continued)*

Label and State File Parameter	Data
Host Name SRA_GW_HOSTNAME	Your data: _____ Example: `mycomputer`
Subdomain SRA_GW_SUBDOMAIN	Your data: _____
Domain SRA_GW_DOMAIN	Your data: _____ Example: `example.com`
Host IP Address SRA_GW_IPADDRESS	Your data: _____ Example: `127.51.91.192`
Access Port SRA_GW_PORT	Your data: _____ Example: `443` (default)
Gateway Profile Name SRA_GW_PROFILE	Your data: _____ Example: `default` (default)
Log User Password SRA_LOG_USER_PASSWORD	Your data: _____ (default from Common Server Settings)
Start Gateway after installation SRA_GW_START	Your data: _____ Example for state file: `y` (default)
Netlet Proxy (required when installing Netlet Proxy)	
Host Name SRA_NLP_HOSTNAME	Your data: _____ Example: `mycomputer`
Subdomain SRA_NLP_SUBDOMAIN	Your data: _____
Domain SRA_NLP_DOMAIN	Your data: _____ Example: `example.com`

TABLE 2–12 Portal Server Secure Remote Access Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Host IP Address SRA_NLP_IPADDRESS	Your data: _____ Example: `127.51.91.192`
Access Port SRA_NLP_PORT	Your data: _____ Example: `10555` (default)
Gateway Profile Name SRA_NLP_GATEWAY_PROFILE	Your data: _____ Example: `default` (default)
Log User Password SRA_LOG_USER_PASSWORD	Your data: _____ (default from Common Server Settings)
Start Netlet Proxy after installation SRA_NLP_START	Your data: _____ Example for state file: `y` (default)
Rewriter Proxy (required when installing Rewriter Proxy)	
Host Name SRA_RWP_HOSTNAME	Your data: _____ Example: `mycomputer`
Subdomain SRA_RWP_SUBDOMAIN	Your data: _____
Domain SRA_RWP_DOMAIN	Your data: _____ Example: `example.com`
Host IP Address SRA_RWP_IPADDRESS	Your data: _____ Example: `127.51.91.192`
Access Port SRA_RWP_PORT	Your data: _____ Example: `10443` (default)
Gateway Profile Name SRA_RWP_GATEWAY_PROFILE	Your data: _____ Example: `default` (default)

TABLE 2–12 Portal Server Secure Remote Access Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Log User Password SRA_LOG_USER_PASSWORD	Your data: _____ (default from Common Server Settings)
Start Rewriter Proxy after installation SRA_RWP_START	Your data: _____ Example for state file: y (default)
Proxy Information (required when installing Netlet Proxy or Rewriter Proxy)	
Work with Portal Server on another host? SRA_IS_CREATE_INSTANCE	Your data: _____
Portal Server Protocol SRA_SERVER_PROTOCOL	Your data: _____
Portal Server Host SRA_SERVER_HOST	Your data: _____
Portal Server Port SRA_SERVER_PORT	Your data: _____
Portal Server Deployment URI SRA_DEPLOY_URI	Your data: _____
Organization DN SRA_IS_ORG_DN	Your data: _____
Access Manager Service URI SRA_IS_SERVICE_URI	Your data: _____
Access Manager Encryption Key SRA_IS_PASSWORD_KEY	Your data: _____
Certificate Information (required when installing Gateway, Netlet Proxy or Rewriter Proxy)	
Organization SRA_CERT_ORGANIZATION	Your data: _____

TABLE 2–12 Portal Server Secure Remote Access Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Division SRA_CERT_DIVISION	Your data: _____
City/Locality SRA_CERT_CITY	Your data: _____
State/Province SRA_CERT_STATE	Your data: _____
Country Code SRA_CERT_COUNTRY	Your data: _____
Certificate Database Password SRA_CERT_PASSWORD	Your data: _____

Web Server Worksheet

For detailed explanations worksheet, refer to the tables under .

TABLE 2–13 Web Server Configuration Worksheet

Label and State File Parameter	Data
Installation Directories	
Web Server CMN_WS_INSTALLDIR	Your data: _____ Solaris OS: /opt/SUNWwbsvr (default) Linux: /opt/sun/webserver (default)
Administration	
Administrator User ID WS_ADMIN_USER	Your data: _____ Example: admin (default from Common Server Settings)
Administrator Password WS_ADMIN_PASSWORD	Your data: _____ (default from Common Server Settings)

TABLE 2–13 Web Server Configuration Worksheet   *(Continued)*

Label and State File Parameter	Data
Web Server Host `WS_ADMIN_HOST`	Your data: _____ Example: `mycomputer.example.com`
Administration Port `WS_ADMIN_PORT`	Your data: _____ Example: `8888` (default)
Administration Runtime User ID `WS_ADMIN_SYSTEM_USER`	Your data: _____ Example: `root` (default)
Default Web Server Instance	
Runtime User ID `WS_INSTANCE_USER`	Your data: _____ Example: `webservd` (default)
Runtime Group `WS_INSTANCE_GROUP`	Your data: _____ Example: `webservd` (default)
HTTP Port `WS_ADMIN_PORT`	Your data: _____ Example: `80` (default)
Document Root Directory `WS_INSTANCE_CONTENT_ROOT`	Your data: _____ Solaris OS: `/opt/SUNWwbsvr/docs` (default) Linux: `/opt/sun/webserver/docs` (default)
Automatically start Web Server when system restarts `WS_INSTANCE_AUTO_START`	Your data: _____ Example for state file: `N` (default)

Web Proxy Server Worksheet

For detailed explanations worksheet, refer to "Web Proxy Server Configuration Information" on page 82.

TABLE 2–14 Web Proxy Server Configuration Worksheet

Label and State File Parameter	Data
Web Proxy Server CMN_WPS_INSTALLDIR	Your data: —————————————————————————— Solaris OS: /opt/SUNWproxy (default) Linux: /opt/sun/webproxy (default)
Administrator User ID WPS_ADMIN_USER	Your data: —————————————————————————— Example: admin (default from Common Server Settings)
Administrator Password WPS_ADMIN_PASSWORD	Your data: —————————————————————————— (default from Common Server Settings)
Proxy Server Domain Name WPS_PROXY_DOMAIN	Your data: —————————————————————————— Example: mycomputer.example.com
Administration Port WPS_ADMIN_PORT	Your data: —————————————————————————— Example: 8888 (default)
Administration Server Runtime User ID WPS_ADMIN_RUNTIME_USER	Your data: —————————————————————————— Example: root (default)
Instance Runtime User ID WPS_INSTANCE_RUNTIME_USER	Your data: —————————————————————————— Example: nobody (default)
Proxy Instance Port WPS_INSTANCE_PORT	Your data: —————————————————————————— Example: 8181 (default)

Default Installation Directories and Ports

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

Default Installation Directories

The Java ES installer automatically installs 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 using the Configure Now option.

Installation directories for the following components have restrictions:

- **Directory Server.** You cannot specify the installation location for Directory Server. However, you can specify the location for Directory Server runtime configuration data.

- **Portal Server Secure Remote Access.** Portal Server Secure Remote Access Core must be installed into the same location as Portal Server.

- **Sun Cluster software, Sun Cluster Agents for Sun Java System.** You cannot change the location of the installation directories.

- **Message Queue.** You cannot change the location of the installation directories.

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

TABLE 3–1 Default Installation Directories

Label and State File Parameter	Default Directory	Comment
Access Manager `CMN_IS_INSTALLDIR`	Solaris OS: `/opt/SUNWam` Linux: `/opt/sun/identity`	
Application Server `CMN_AS_INSTALLDIR`	Solaris OS: `/opt/SUNWappserver/appserver` Linux: `/opt/sun/appserver`	Contains Application Server utilities, executables, and libraries.

Application Server Domains
 	
`CMN_AS_DOMAINSDIR`
	Solaris OS:
	
	`/var/opt/SUNWappserver/domains`
	
	Linux:
	
	`/var/opt/sun/appserver/domains`
		Default area under which administrative domains are created.

Calendar Server `CMN_CS_INSTALLDIR`	Solaris OS: `/opt` Linux: `/opt/sun`	
Communications Express `CMN_UWC_INSTALLDIR`	Solaris OS: `/opt/SUNWuwc` Linux: `/opt/sun/uwc`	
Directory Preparation Tool	Solaris OS: `/opt/SUNWcomds` Linux: `/opt/sun/comms/dssetup`	
Directory Proxy Server `CMN_DPS_INSTALLDIR`	Solaris OS: `/` Linux: `/opt/sun`	
Directory Server, Server Root `CMN_DS_SERVER_ROOT`	Solaris OS: `/var/opt/mps/serverroot` Linux: `/var/opt/sun/directory-server`	
HADB `CMN_HADB_INSTALLDIR`	Solaris OS: `/opt/SUNWhadb` Linux: `/opt/SUNWhadb`	HADB install locations are not relocatable in Java ES installation.
	Solaris OS: `/var/opt/SUNWhadb` Linux: `/var/opt/SUNWhadb`	HADB Repository Data and Log location.
	Solaris OS: `/etc/opt/SUNWhadb` Linux: `/etc/opt/SUNWhadb`	HADB Management Agent Config File
	Solaris OS: `/etc/init.d/ma-initd` Linux: `/etc/init.d/ma-initd`	HADB Management Agent Startup Script
Instant Messaging `CMN_IIM_INSTALLDIR`	Solaris OS: `/opt` Linux: `/opt/sun`	

TABLE 3–1 Default Installation Directories   *(Continued)*

Label and State File Parameter	Default Directory	Comment
Instant Messaging Resource Directory CMN_IIM_DOCSDIR	Solaris OS: `/opt/SUNWiim/html` Linux: `/opt/sun/im/html`	
Instant Messaging Online Help Directory CMN_IIM_DOCSHELPDIR	Solaris OS: `/opt/SUNWiim/html/en/imhelp` Linux: `/opt/sun/im/html/en/imhelp`	

Message Queue
 	
You cannot change the installation directories, 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:
		
		`/opt/sun/mq`
		
		`/etc/opt/sun/mq`
		
		`/var/opt/sun/mq`

Messaging Server CMN_MS_INSTALLDIR	Solaris OS: `/opt/SUNWmsgsr` Linux: `/opt/sun/messaging`	
Portal Server CMN_PS_INSTALLDIR	Solaris OS: `/opt/SUNWps` Linux: `/opt/sun/portal`	
Portal Server Secure Remote Access CMN_SRA_INSTALLDIR	Solaris OS: `/opt/SUNWps` Linux: `/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/SUNWsoar` Linux: `/opt/sun/SUNWsoar`	

TABLE 3–1 Default Installation Directories   *(Continued)*

Label and State File Parameter	Default Directory	Comment

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

Web Server `CMN_WS_INSTALLDIR`	Solaris OS: `/opt/SUNWwbsvr` Linux: `/opt/sun/webserver`	
Web Proxy Server `CMN_WPS_INSTALLDIR`	Solaris OS: `/opt/SUNWproxy` Linux: `/opt/sun/webproxyserver`	

Default Port Numbers

When the Java ES installer requests that you enter 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 component, the installer presents an alternative value.

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

Note – Access Manager and Portal Server are not listed in this table because they use the port numbers of the web container into which they are deployed.

TABLE 3–2 Component Default Port Numbers

Component	Port	Purpose
Administration Server	390	Standard HTTP port

TABLE 3–2 Component Default Port Numbers   *(Continued)*

Component	Port	Purpose
Application Server	8080	Standard HTTP port
	3700	Standard IIOP port
	4849	Administration Server port
	7676	Standard Message Queue port
	8686	JMX port
	8181	HTTPS port
Calendar Server	80	Standard HTTP port
	389	LDAP port
	57997	ENS
	59779	DWP
Common agent container	10162	JMX port (TCP)
	10161	SNMP Adaptor port (UDP)
	10162	SNMP Adaptor port for traps (UDP)
	10163	Commandstream Adaptor port (TCP)
Directory Proxy Server	489	LDAP listener
Directory Server	389	Standard LDAP listener
	636	LDAPS over SSL
HADB	1862	Management Agent Port (JMX)
	15200	Default Portbase
Instant Messaging	5222	Multiplexor port
	5269	Instant Messaging server-to-server port
	45222	Instant Messaging port
Message Queue	80	Standard HTTP port
	7676	Port Mapper
	7677	HTTP Tunnelling Servlet Port

TABLE 3–2 Component Default Port Numbers   *(Continued)*

Component	Port	Purpose
Messaging Server	25	Standard SMTP port
	80	Messaging Express (HTTP) port
	110	Standard POP3 port / MMP POP3 Proxy
	143	Standard IMAP4 port / MMP IMAP Proxy
	992	POP3 over SSL
	993	IMAP over SSL or MMP IMAP Proxy over SSL
	7997	Event Notification Service port
	27442	Used by Job Controller for product internal communication
	49994	Used by the Watcher for internal product communication
Portal Server Secure Remote Access	8080	Standard HTTP Port
	443	HTTP over SSL
	10443	Rewriter Proxy port
	10555	Netlet Proxy port
Service Registry	6060	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 3–2 Component Default Port Numbers *(Continued)*

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	Add 5000 to the physical port number, Console access port
	6789	SunPlex Installer accessed through Sun Java Web Console
Web Server	80	Standard HTTP port
	8888	Standard Administration port
Web Proxy Server	8888	Administration Port
	8081	Proxy Instance Port

Java ES Distribution Bundles

The tables in this chapter list the distribution bundles for the Java ES software. If space is a consideration, you might want to use a component bundle because the download size is smaller. However, if bandwidth is not a problem, or if you intend to install more than one Java ES component at any time in the future, the full Java ES distribution bundle is recommended. Using multiple bundles on a single computer will make system administration more difficult.

The operating system is indicated in the name of the bundle. For example, `java_es_05Q4_directory-ga-solaris-sparc.zip`. An ISO distribution includes the designation `iso` in the bundle name. For example, `java_es_05Q4-ga-solaris-sparc-1-iso.zip`.

This chapter contains the following sections:

Solaris SPARC Distribution Bundles

TABLE 4–1 Solaris SPARC Distribution Bundles

Component Bundle	Also Includes	Bundle Name

Solaris SPARC platform	All components	`java_es_05Q4-ga-solaris-sparc-1.zip`
		`java_es_05Q4-ga-solaris-sparc-2.zip`
		
		or
		
		`java_es_05Q4-ga-solaris-sparc-1-iso.zip`
		`java_es_05Q4-ga-solaris-sparc-2-iso.zip`

Access Manager	Administration Server Application Server Directory Server Message Queue Web Server	`java_es_05Q4_identity-ga-solaris-sparc.zip`
Application Server	Message Queue Web Server	`java_es_05Q4_appserver-ga-solaris-sparc.zip`
Calendar Server	Access ManagerAdministration Server Application Server Directory Server Message Queue Web Server	`java_es_05Q4_calendar-ga-solaris-sparc.zip`
Communications Express	Access ManagerAdministration Server Application Server Calendar Server Directory Server Message Queue Messaging Server Web Server Delegated Administrator	`java_es_05Q4_uwc-ga-solaris-sparc.zip`

TABLE 4–1 Solaris SPARC Distribution Bundles   *(Continued)*

Component Bundle	Also Includes	Bundle Name
Directory Server	Administration Server	`java_es_05Q4_directory-ga-solaris-sparc.zip`
Directory Proxy Server	Administration Server Directory Server	`java_es_05Q4_dirproxy-ga-solaris-sparc.zip`
Instant Messaging	Access Manager Administration Server Application Server Directory Server Message Queue Web Server	`java_es_05Q4_im-ga-solaris-sparc.zip`
Message Queue	No additional	`java_es_05Q4_msgq-ga-solaris-sparc.zip`
Messaging Server	Access Manager Administration Server Application Server Directory Server Message Queue Web Server Delegated Administrator	`java_es_05Q4_msgserver-ga-solaris-sparc.zip`
Portal Server	Access Manager Administration Server Application Server Directory Server Message Queue Portal Server SRA Web Server	`java_es_05Q4_portal-ga-solaris-sparc.zip`
Service Registry	Application Server Message Queue	`java_es_05Q4_soaregistry-ga-solaris-sparc.zip`
Sun Cluster	Sun Cluster Agents for Java ES Administration Server	`java_es_05Q4_cluster-ga-solaris-sparc.zip`

TABLE 4–1 Solaris SPARC Distribution Bundles *(Continued)*

Component Bundle	Also Includes	Bundle Name
Web Server	Web Server	`java_es_05Q4_webserver-ga-solaris-sparc.zip`
Web Proxy Server	No additional	`java_es_05Q4_webproxy-ga-solaris-sparc.zip`

Solaris x86 Distribution Bundles

TABLE 4–2 Solaris x86 Distribution Bundles

Component Bundle	Also Includes	Bundle Name

Solaris x86 platform	All components	`java_es_05Q4-ga-solaris-x86-1.zip`
		`java_es_05Q4-ga-solaris-x86-2.zip`
		
		or
		
		`java_es_05Q4-ga-solaris-x86-1-iso.zip`
		`java_es_05Q4-ga-solaris-x86-2-iso.zip`

Access Manager	Administration Server Application Server Directory Server Message Queue Web Server	`java_es_05Q4_identity-ga-solaris-x86.zip`
Application Server	Message Queue Web Server	`java_es_05Q4_appserver-ga-solaris-x86.zip`
Calendar Server	Access ManagerAdministration Server Application Server Directory Server Message Queue Web Server	`java_es_05Q4_calendar-ga-solaris-x86.zip`

TABLE 4–2 Solaris x86 Distribution Bundles   *(Continued)*

Component Bundle	Also Includes	Bundle Name
Communications Express	Access ManagerAdministration Server	`java_es_05Q4_uwc-ga-solaris-x86.zip`
	Application Server	
	Calendar Server	
	Directory Server	
	Message Queue	
	Messaging Server	
	Web Server	
	Delegated Administrator	
Directory Server	Administration Server	`java_es_05Q4_directory-ga-solaris-x86.zip`
Directory Proxy Server	Administration Server	`java_es_05Q4_dirproxy-ga-solaris-x86.zip`
	Directory Server	
Instant Messaging	Access Manager	`java_es_05Q4_im-ga-solaris-x86.zip`
	Administration Server	
	Application Server	
	Directory Server	
	Message Queue	
	Web Server	
Message Queue	No additional	`java_es_05Q4_msgq-ga-solaris-x86.zip`
Messaging Server	Access Manager	`java_es_05Q4_msgserver-ga-solaris-x86.zip`
	Administration Server	
	Application Server	
	Directory Server	
	Message Queue	
	Web Server	
	Delegated Administrator	

TABLE 4–2 Solaris x86 Distribution Bundles *(Continued)*

Component Bundle	Also Includes	Bundle Name
Portal Server	Access Manager	`java_es_05Q4_portal-ga-solaris-x86.zip`
	Administration Server	
	Application Server	
	Directory Server	
	Message Queue	
	Portal Server SRA	
	Web Server	
Service Registry	Application Server	`java_es_05Q4_soaregistry-ga-solaris-x86.zip`
	Message Queue	
Sun Cluster	Sun Cluster Agents for Java ES	`java_es_05Q4_cluster-ga-solaris-x86.zip`
	Administration Server	
Web Server	Web Server	`java_es_05Q4_webserver-ga-solaris-x86.zip`
Web Proxy Server	No additional	`java_es_05Q4_webproxy-ga-solaris-x86.zip`

Linux Distribution Bundles

TABLE 4–3 Linux Distribution Bundles

Component Bundle	Also Includes	Bundle Name

Linux x86 platform	All components	`java_es_05Q4-ga-linux-x86.zip`
		 or
		 `java_es_05Q4-ga-linux-x86-iso.zip`

Access Manager	Administration Server	`java_es_05Q4_identity-ga-linux-x86.zip`
	Application Server	
	Directory Server	
	Message Queue	
	Web Server	

TABLE 4–3 Linux Distribution Bundles   *(Continued)*

Component Bundle	Also Includes	Bundle Name
Application Server	Message Queue Web Server	`java_es_05Q4_appserver-ga-linux-x86.zip`
Calendar Server	Access ManagerAdministration Server Application Server Directory Server Message Queue Web Server	`java_es_05Q4_calendar-ga-linux-x86.zip`
Communications Express	Access ManagerAdministration Server Application Server Calendar Server Directory Server Message Queue Messaging Server Web Server Delegated Administrator	`java_es_05Q4_uwc-ga-linux-x86.zip`
Directory Server	Administration Server	`java_es_05Q4_directory-ga-linux-x86.zip`
Directory Proxy Server	Administration Server Directory Server	`java_es_05Q4_dirproxy-ga-linux-x86.zip`
Instant Messaging	Access Manager Administration Server Application Server Directory Server Message Queue Web Server	`java_es_05Q4_im-ga-linux-x86.zip`
Message Queue	No additional	`java_es_05Q4_msgq-ga-linux-x86.zip`

TABLE 4–3 Linux Distribution Bundles *(Continued)*

Component Bundle	Also Includes	Bundle Name
Messaging Server	Access Manager	`java_es_05Q4_msgserver-ga-linux-x86.zip`
	Administration Server	
	Application Server	
	Directory Server	
	Message Queue	
	Web Server	
	Delegated Administrator	
Portal Server	Access Manager	`java_es_05Q4_portal-ga-linux-x86.zip`
	Administration Server	
	Application Server	
	Directory Server	
	Message Queue	
	Portal Server SRA	
	Web Server	
Service Registry	Application Server	`java_es_05Q4_soaregistry-ga-linux-x86.zip`
	Message Queue	
Web Server	Web Server	`java_es_05Q4_webserver-ga-linux-x86.zip`
Web Proxy Server	No additional	`java_es_05Q4_webproxy-ga-linux-x86.zip`

List of Installable Packages

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

- "Solaris Packages" on page 135

  - "Uninstall Packages for Solaris OS" on page 135
  - "Solaris Packages Installed for Components" on page 136
  - "Solaris Packages Installed for Shared Components" on page 143
  - "Localized Solaris Packages for Components" on page 146

- "Linux Packages" on page 157

  - "Uninstall Packages for Linux" on page 157
  - "Linux Packages Installed for Components" on page 157
  - "Linux Packages Installed for Shared Components" on page 164
  - "Localized Linux Packages for Components" on page 166

Solaris Packages

Uninstall Packages for Solaris OS

The following table lists the uninstall packages for Java ES.

TABLE 5–1 Uninstall Packages for Solaris OS

Component	Packages
uninstaller	SUNWentsys4
uninstaller (localized package)	SUNWentsys4-l10n

Solaris Packages Installed for Components

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

Access Manager Solaris Packages

TABLE 5–2 Access Manager Packages for Solaris OS

Component	Packages	
Access Manager	SUNWamsam	SUNWamutl
	SUNWamsci	SUNWcomic
	SUNWamrsa	SUNWcomis
Access Manager SDK	SUNWamext	SUNWamclnt
	SUNWamconsdk	SUNWamsdkconfig
	SUNWamsdk	
Administration Console	SUNWamcon	SUNWampwd
Mobile Access Plugin	SUNWamma	SUNWammae
Identity Management and Policy Services Core	SUNWamsvc	SUNWamsvcconfig
Common Domain Services for Federation Management	SUNWamfcd	
Session Failover	SUNWamsfodb	

Administration Server Solaris Packages

TABLE 5–3 Administration Server Packages for Solaris OS

Component	Packages	
Administration Server	SUNWasvc	SUNWasvr
	SUNWasvcp	SUNWasvu
		SUNWasvmn

Application Server Solaris Packages

TABLE 5–4 Application Server Packages for Solaris OS

Component	Packages	
Application Server, Enterprise Edition	SUNWasacee	SUNWasdb
	SUNWascml	SUNWasdemdb
	SUNWasdem	SUNWasu
	SUNWashdm	SUNWasuee
	SUNWasman	SUNWasut
	SUNWasmanee	SUNWaswbcr
	SUNWascmn	SUNWasjdoc
	SUNWascmnse	SUNWasJdbcDrivers
Administration Client	SUNWasac	
Point Base Server	SUNWasdb	
Load Balancing Plugin	SUNWaslb	

Calendar Server Solaris Packages

TABLE 5–5 Calendar Server Packages for Solaris OS

Component	Packages	
Calendar Server	SUNWica5	SUNWics5

Communications Express Solaris Packages

TABLE 5–6 Communications Express Packages for Solaris OS

Component	Packages
Communications Express	`SUNWuwc`

Delegated Administrator Solaris Packages

TABLE 5–7 Delegated Administrator Packages for Solaris OS

Component	Packages
Communications Services Delegated Administrator	`SUNWcommcli-client` `SWUNcommcli-server`

Directory Server Solaris Packages

TABLE 5–8 Directory Server Packages for Solaris OS

Component	Packages	

Directory Server on SPARC	`SUNWdsvr`
	`SUNWdsvu`
	`SUNWdsvx`
	`SUNWdsvcp`
		`SUNWdsvpl`
		`SUNWdsvhx`
		`SUNWdsvh`
		`SUNWdsvmn`

Directory Server on x86	`SUNWdsvr`
	`SUNWdsvmn`
	`SUNWdsvu`
		`SUNWdsvcp`
		`SUNWdsvpl`

Directory Proxy Server Solaris Packages

TABLE 5–9 Directory Proxy Server Packages for Solaris OS

Component	Packages

Directory Proxy Server on SPARC	`SUNWdps`
	`SUNWdpsg`
	`SUNwdpsi`

HADB Solaris Packages

TABLE 5–10 HADB Packages for Solaris OS

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

Instant Messaging Solaris Packages

TABLE 5–11 Instant Messaging Packages for Solaris OS

Component	Packages
Instant Messaging Server Core	SUNWiim
	SUNWiimjd
	SUNWiimin
	SUNWiimm
Instant Messaging Resources	SUNWiimc
	SUNWiimd
Access Manager Instant Messaging Service	SUNWiimid
	SUNWiimin

Message Queue Solaris Packages

TABLE 5–12 Message Queue Packages for Solaris OS

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

Messaging Server Solaris Packages

TABLE 5–13 Messaging Server Packages for Solaris OS

Component	Packages	
Messaging Server		
	SUNWmsgco	SUNWmsgmf
	SUNWmsgen	SUNWmsgmp
	SUNWmsgin	SUNWmsgst
	SUNWmsglb	SUNWmsgvc
	SUNWmsgwm	SUNWmsgmt

Portal Server Solaris Packages

TABLE 5–14 Portal Server Packages for Solaris OS

Component	Packages	
Portal Server		
	SUNWiimps	SUNWpsoh
	SUNWps	SUNWpsp
	SUNWpsap	SUNWpsps
	SUNWpsc	SUNWpsrw
	SUNWpscfg	SUNWpsrwa
	SUNWpscp	SUNWpssdk
	SUNWpsdis	SUNWpsse
	SUNWpsdt	SUNWpssea
	SUNWpsdta	SUNWpssep
	SUNWpsdtc	SUNWpssp
	SUNWpsdtm	SUNWpssso
	SUNWpsdtp	SUNWpsssoa
	SUNWpsdtx	SUNWpssub
	SUNWpslcfg	SUNWpstlj
	SUNWpsma	SUNWpswsrpcommon
	SUNWpsmad	SUNWpswsrpconsumer
	SUNWpsmai	SUNWpswsrpconsumerconfig
	SUNWpsmas	SUNWpswsrpconsumersample
	SUNWpsmig	SUNWpswsrpproducer
	SUNWpsmp	SUNWpswsrpproducersample
	SUNWpsnm	

Portal Server Secure Remote Access Solaris Packages

TABLE 5–15 Portal Server SRA Packages for Solaris OS

Component	Packages	
Portal Server SRA Core	`SUNWpsgws`	`SUNWpsplt`
	`SUNWpsgwa`	`SUNWpspltconfig`
	`SUNWpsks`	`SUNWpsgwm`
	`SUNWpsnl`	`SUNWpsss`
	`SUNWpsnf`	`SUNWpscfg`
Gateway	`SUNWpsgw`	`SUNWpscfg`
	`SUNWpsgwm`	
Netlet Proxy	`SUNWpsnlp`	`SUNWpscfg`
Rewriter Proxy	`SUNWpsrwp`	`SUNWpscfg`

Service Registry Solaris Packages

TABLE 5–16 Service Registry Packages for Solaris OS

Component	Packages
Service Registry	`SUNWsoar-sdk`
	`SUNWsoar-server`

Sun Cluster Software and Agents Solaris Packages

TABLE 5–17 Sun Cluster Software Packages for Solaris 8 and 9 OS

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

TABLE 5–18 Sun Cluster Packages for Solaris 10 OS

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

TABLE 5–19 Sun Cluster Agent for Sun Java System Packages for Solaris OS

Component	Packages
Administration Server Data Service	`SUNWasha`
Application Server Data Service	`SUNWscslas`
Calendar Server Data Service	`SUNWscics`
Directory Server Data Service	`SUNWdsha`
Instant Messaging Data Service	`SUNWiimsc`
Message Queue Data Service	`SUNWscslmq`
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 5–20 Web Server Packages for Solaris OS

Component	Packages
Web Server	`SUNWawbsvr SUNWwbsvr`

Web Proxy Server

TABLE 5–21 Web Proxy Server Packages for Solaris OS

Component	Packages
Web Proxy Server	`SUNWproxy`

Solaris Packages Installed for Shared Components

The following table lists the names of the Solaris packages distributed for each shared component.

TABLE 5–22 Shared Component Packages for Solaris OS

Component	Packages	
Ant	`SUNWant`	
Apache Derby Database	`SUNWderby-core` `SUNWderby-javadoc-dev`	
ACL (Apache Common Logging)	`aclg`	
Berkeley DB	`SUNWbdb`	`SUNWbdbj`
Common agent container	`SUNWcacao`	`SUNWcacaocfg`

ICU (International Components for Unicode	`SUNWicu`
	`SUNWicux`
	`SUNWisux (SPARC 8,9 only)`	

IMSDK	`SUNWiimdv`	

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 Runtime	`SUNWjhrt` `SUNWjhdev`	`SUNWjhdoc` `SUNWjhdem`
Java Mail Runtime	`SUNWjmail`	
JAXB (Java Architecture for XML Binding) Runtime	`SUNWjaxb`	
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) Runtime	`SUNWxrpcrt`	
JCAPI (Java Calendar API)	`SUNWjcapi`	

TABLE 5–22 Shared Component Packages for Solaris OS   *(Continued)*

Component	Packages	
JDMK (Java Dynamic Management Kit) Runtime	`SUNWjdmk-runtime` `SUNWjdmk-runtime-jmx`	
JSS (Java Security Services)	`SUNWjss`	`SUNWjssx`
KTSE (KT Search Engine)	`SUNWktse`	

LDAP C Language SDK	`SUNWldk`
	`SUNWldkx`
	`SUNWldkx (SPARC 8, 9 only)`	

LDAP Java SDK	`SUNWljdk`	
MA Core (Mobile Access core)	`SUNWamma` `SUNWammae`	
NSPR (Netscape Portable Runtime)	`SUNWpr` `SUNWprd`	`SUNWprx`
NSS (Netscape Security Services)	`SUNWtls` `SUNWtlsu`	`SUNWtlsx`
SAAJ (SOAP With Attachments API for Java)	`SUNWxsrt`	
SASL (Simple Authentication Security Layer)	`SUNWsasl`	`SUNWsaslx`
Sun Explorer Data Collector	`SUNWexplo` `SUNWexplj`	`SUNWexplu`
Sun Java Monitoring Framework	`SUNWmfwk-agent` `SUNWmfwk-cfg`	`SUNWmfwk-man`

Sun Java Web Console	`SUNWmcon`
	`SUNWmconr`
	`SUNWmcos`
		`SUNWmcosx`
		`SUNWmctag`

WSCL (Web Services Common Library)	`SUNWwscl`	

Localized Solaris Packages for Components

This section lists the localized packages for each Java ES component. The section is organized by language—there is a section for each language for which localized packages have been created. Within each language section, there is a table listing the localized packages for each Java ES component. The table also includes the version number of the component that has been localized.

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`.

Other packages append two characters to the entire package name to identify the localized version. For example, the Japanese localized package for Messaging Server is `SUNWmsgja` while the Korean version of this package is `SUNWmsgko`.

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

TABLE 5–23 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

Simplified Chinese Solaris Packages

TABLE 5–24 Localized Solaris Packages for Simplified Chinese

Component	Packages	
Access Manager	`SUNWamlzh`	`SUNWcammmap`
Administration Server	`SUNWcasvu` `SUNWcasvc`	`SUNWcasvcp`

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

Component	Packages	
Application Server	SUNWcasacee	SUNWcasu
	SUNWcascmnse	SUNWcasuee
Calendar Server	SUNWzhics	
Communications Express	SUNWcuwc	
Directory Server	SUNWcdsvcp	SUNWcdsvu
Directory Proxy Server	SUNWcdpsg	
Instant Messaging	SUNWciimc	SUNWciimin
	SUNWciimd	SUNWcimid
Message Queue	SUNWciqu	SUNWciquc
Messaging Server	SUNWmsgzh	
Portal Server Portal SRA	SUNWcpsab	SUNWcpsoh
	SUNWcpsca	SUNWcpsp
	SUNWcpsda	SUNWcpsplt
	SUNWcpsdm	SUNWcpsps
	SUNWcpsds	SUNWcpsr
	SUNWcpsdt	SUNWcpsra
	SUNWcpsdx	SUNWcpss
	SUNWcpsga	SUNWcpssa
	SUNWcpsgw	SUNWcpsse
	SUNWcpsim	SUNWcpsso
	SUNWcpsma	SUNWcpssp
	SUNWcpsmai	SUNWcpsss
	SUNWcpsmap	SUNWcpsssoa
	SUNWcpsmas	SUNWcpssu
	SUNWcpsnc	SUNWcpswsrpconsumer
	SUNWcpsnl	SUNWcpswsrpconsumersample
	SUNWcpsnm	SUNWcpswsrpproducer
Service Registry	SUNWcsoar-sdk	
	SUNWcsoar-server	
Sun Cluster Agents	SUNWcschtt	SUNWcschadb
	SUNWcscs1as	SUNWcscs1mq
Sun Cluster software	SUNWcsc	SUNWcscspm
	SUNWcscspmu	
Web Server	SUNWcwbsvr	

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

Component	Packages	
Web Proxy Server	SUNWcproxy	
Sun Java Web Console	SUNWcmcon	SUNWcmcosx
	SUNWcmconr	SUNWcmctag
	SUNWcmcos	

Traditional Chinese Solaris Packages

TABLE 5–25 Localized Solaris Packages for Traditional Chinese

Component	Packages	
Access Manager	SUNWamltw	SUNWhammmap
Administration Server	SUNWhasvu	SUNWhasvcp
	SUNWhasvc	
Application Server	SUNWhasacee	SUNWhasu
	SUNWhascmnse	SUNWhasuee
Calendar Server	SUNWtwics	
Communications Express	SUNWhuwc	
Directory Server	SUNWhdsvcp	SUNWhdsvu
Directory Proxy Server	SUNWhdpsg	
Instant Messaging	SUNWhiimc	SUNWhiimin
	SUNWhiimd	SUNWhimid
Message Queue	SUNWhiqu	SUNWhiquc
Messaging Server	SUNWmsgtw	

Component	Packages	
Portal ServerPortal Server Secure Remote Access	SUNWhpsab	SUNWhpsoh
	SUNWhpsca	SUNWhpsp
	SUNWhpsda	SUNWhpsplt
	SUNWhpsdm	SUNWhpsps
	SUNWhpsds	SUNWhpsr
	SUNWhpsdt	SUNWhpsra
	SUNWhpsdx	SUNWhpss
	SUNWhpsga	SUNWhpssa
	SUNWhpsgw	SUNWhpsse
	SUNWhpsim	SUNWhpsso
	SUNWhpsma	SUNWhpssp
	SUNWhpsmai	SUNWhpsss
	SUNWhpsmap	SUNWhpsssoa
	SUNWhpsmas	SUNWhpssu
	SUNWhpsnh	SUNWhpswsrpconsumer
	SUNWhpsnl	SUNWhpswsrpconsumersample
	SUNWhpsnm	SUNWhpswsrpproducer
Service Registry	SUNWhsoar-sdk	
	SUNWhsoar-server	
Sun Cluster Agents	SUNWhschtt	SUNWhschadb
	SUNWhscs1as	SUNWhscs1mq
Sun Cluster software	SUNWhsc	SUNWhscspmu
	SUNWhscspm	
Web Server	SUNWhwbsvr	
Web Proxy Server	SUNWhproxy	
Sun Java Web Console	SUNWhmcon	SUNWhmcosx
	SUNWhmconr	SUNWhmctag
	SUNWhmcos	

French Solaris Packages

TABLE 5–26 Localized Solaris Packages for the French Language

Component	Packages	
Access Manager	SUNWamlfr	SUNWfammmap
Administration Server	SUNWfasvu	SUNWfasvcp
	SUNWfasvc	

TABLE 5–26 Localized Solaris Packages for the French Language   *(Continued)*

Component	Packages	
Application Server	SUNWfasacee SUNWfascmnse	SUNWfasu SUNWfasuee
Calendar Server	SUNWfrics	
Communications Express	SUNWfuwc	
Directory Server	SUNWfdsvcp	SUNWfdsvu
Directory Proxy Server	SUNWfdpsg	
Instant Messaging	SUNWfiimc SUNWfiimd	SUNWfiimin SUNWfimid
Message Queue	SUNWfiqu	SUNWfiquc
Messaging Server	SUNWmsgfr	
Portal Server Portal Server Secure Remote Access	SUNWfpsab SUNWfpsca SUNWfpsda SUNWfpsdm SUNWfpsds SUNWfpsdt SUNWfpsdx SUNWfpsga SUNWfpsgw SUNWfpsim SUNWfpsma SUNWfpsmai SUNWfpsmap SUNWfpsmas SUNWfpsnf SUNWfpsnl SUNWfpsnm	SUNWfpsoh SUNWfpsp SUNWfpsplt SUNWfpsps SUNWfpsr SUNWfpsra SUNWfpss SUNWfpssa SUNWfpsse SUNWfpsso SUNWfpssp SUNWfpsss SUNWfpsssoa SUNWfpssu SUNWfpswsrpconsumer SUNWfpswsrpconsumersample SUNWfpswsrpproducer
Service Registry	SUNWfsoar-sdk SUNWfsoar-server	
Sun Cluster Agents	SUNWfschtt SUNWfscs1as	SUNWfschadb SUNWfscs1mq
Sun Cluster software	SUNWfsc SUNWfscspmu	SUNWfscspm
Web Server	SUNWfwbsvr	

TABLE 5–26 Localized Solaris Packages for the French Language *(Continued)*

Component	Packages	
Web Proxy Server	SUNWfproxy	
Sun Java Web Console	SUNWfmcon	SUNWfmcosx
	SUNWfmconr	SUNWfmctag
	SUNWfmcos	

German Solaris Packages

TABLE 5–27 Localized Solaris Packages for the German Language

Component	Packages	
Access Manager	SUNWamlde	SUNWdammmap
Administration Server	SUNWdasvu	SUNWdasvcp
	SUNWdasvc	
Application Server	SUNWdasacee	SUNWdasu
	SUNWdascmnse	SUNWdasuee
Calendar Server	SUNWdeics	
Communications Express	SUNWduwc	
Directory Server	SUNWddsvcp	
	SUNWddsvu	
Directory Proxy Server	SUNWddpsg	
Instant Messaging	SUNWdiimc	SUNWdiimin
	SUNWdiimd	SUNWdimid
Message Queue	SUNWdiqu	SUNWdiquc
Messaging Server	SUNWmsgde	

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

Component	Packages	
Portal ServerPortal Server Secure Remote Access	SUNWdpsab	SUNWdpsoh
	SUNWdpsca	SUNWdpsp
	SUNWdpsda	SUNWdpsplt
	SUNWdpsdm	SUNWdpsps
	SUNWdpsds	SUNWdpsr
	SUNWdpsdt	SUNWdpsra
	SUNWdpsdx	SUNWdpss
	SUNWdpsga	SUNWdpssa
	SUNWdpsgw	SUNWdpsse
	SUNWdpsim	SUNWdpsso
	SUNWdpsma	SUNWdpssp
	SUNWdpsmai	SUNWdpsss
	SUNWdpsmap	SUNWdpsssoa
	SUNWdpsmas	SUNWdpssu
	SUNWdpsnd	SUNWdpswsrpconsumer
	SUNWdpsnl	SUNWdpswsrpconsumersample
	SUNWdpsnm	SUNWdpswsrpproducer
Service Registry	SUNWdsoar-sdk	
	SUNWdsoar-server	
Sun Cluster Agents	SUNWdschtt	SUNWdschadb
	SUNWdscs1as	SUNWdscs1mq
Sun Cluster software	SUNWdsc	SUNWdscspm
	SUNWdscspmu	
Web Server	SUNWdwbsvr	
Web Proxy Server	SUNWdproxy	
Sun Java Web Console	SUNWdmcon	SUNWdmcosx
	SUNWdmconr	SUNWdmctag
	SUNWdmcos	

Japanese Solaris Packages

TABLE 5–28 Localized Solaris Packages for the Japanese Language

Component	Packages	
Access Manager	SUNWamlja	SUNWjammmap
Administration Server	SUNWjasvu	SUNWjasvcp
	SUNWjasvc	

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

Component	Packages	
Application Server	SUNWjasacee	SUNWjasu
	SUNWjascmnse	SUNWjasuee
Calendar Server	SUNWjaics	
Communications Express	SUNWjuwc	
Directory Server	SUNWjdsvcp	
	SUNWjdsvu	
Directory Proxy Server	SUNWjdpsg	
Instant Messaging	SUNWjiimc	SUNWjiimin
	SUNWjiimd	SUNWjimid
Message Queue	SUNWjiqu	SUNWjiquc
Messaging Server	SUNWmsgja	
Portal ServerPortal Server Secure Remote Access	SUNWjpsab	SUNWjpsoh
	SUNWjpsca	SUNWjpsp
	SUNWjpsda	SUNWjpsplt
	SUNWjpsdm	SUNWjpsps
	SUNWjpsds	SUNWjpsr
	SUNWjpsdt	SUNWjpsra
	SUNWjpsdx	SUNWjpss
	SUNWjpsga	SUNWjpssa
	SUNWjpsgw	SUNWjpsse
	SUNWjpsim	SUNWjpsso
	SUNWjpsma	SUNWjpssp
	SUNWjpsmai	SUNWjpsss
	SUNWjpsmap	SUNWjpsssoa
	SUNWjpsmas	SUNWjpssu
	SUNWjpsnj	SUNWjpswsrpconsumer
	SUNWjpsnl	SUNWjpswsrpconsumersample
	SUNWjpsnm	SUNWjpswsrpproducer
Service Registry	SUNWjsoar-sdk	
	SUNWjsoar-server	
Sun Cluster Agents	SUNWjschtt	SUNWjschadb
	SUNWjscs1as	SUNWjscs1mq
Sun Cluster software	SUNWjsc	SUNWjscspm
	SUNWjscspmu	SUNWjscman

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

Component	Packages	
Web Server	SUNWjwbsvr	
Web Proxy Server	SUNWjproxy	
Sun Java Web Console	SUNWjmcon SUNWjmconr SUNWjmcos	SUNWjmcosx SUNWjmctag

Korean Solaris Packages

TABLE 5–29 Localized Solaris Packages for the Korean Language

Component	Packages	
Access Manager	SUNWamlko	SUNWkammmap
Administration Server	SUNWkasvu SUNWkasvc	SUNWkasvcp
Application Server	SUNWkasacee SUNWkascmnse	SUNWkasu SUNWkasuee
Calendar Server	SUNWkoics	
Communications Express	SUNWkuwc	
Directory Server	SUNWkdsvcp	SUNWkdsvu
Directory Proxy Server	SUNWkdpsg	
Instant Messaging	SUNWkiimc SUNWkiimd	SUNWkiimin SUNWkimid
Message Queue	SUNWkiqu	SUNWkiquc
Messaging Server	SUNWmsgko	

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

Component	Packages	
Portal ServerPortal Server Secure Remote Access	SUNWkpsab	SUNWkpsoh
	SUNWkpsca	SUNWkpsp
	SUNWkpsda	SUNWkpsplt
	SUNWkpsdm	SUNWkpsps
	SUNWkpsds	SUNWkpsr
	SUNWkpsdt	SUNWkpsra
	SUNWkpsdx	SUNWkpss
	SUNWkpsga	SUNWkpssa
	SUNWkpsgw	SUNWkpsse
	SUNWkpsim	SUNWkpsso
	SUNWkpsma	SUNWkpssp
	SUNWkpsmai	SUNWkpsss
	SUNWkpsmap	SUNWkpsssoa
	SUNWkpsmas	SUNWkpssu
	SUNWkpsnk	SUNWkpswsrpconsumer
	SUNWkpsnl	SUNWkpswsrpconsumersample
	SUNWkpsnm	SUNWkpswsrpproducer
Service Registry	SUNWksoar-sdk	
	SUNWksoar-server	
Sun Cluster Agents	SUNWkschtt	SUNWkschadb
	SUNWkscs1as	SUNWkscs1mq
Sun Cluster software	SUNWksc	SUNWkscspm
	SUNWkscspmu	
Web Server	SUNWkwbsvr	
Web Proxy Server	SUNWkproxy	
Sun Java Web Console	SUNWkmcon	SUNWkmcosx
	SUNWjmconr	SUNWkmctag
	SUNWkmcos	

Spanish Solaris Packages

TABLE 5–30 Localized Solaris Packages for the Spanish Language

Component	Packages	
Access Manager	SUNWamles	SUNWeammmap
Administration Server	SUNWeasvu	SUNWeasvcp
	SUNWeasvc	

TABLE 5–30 Localized Solaris Packages for the Spanish Language   *(Continued)*

Component	Packages	
Application Server	SUNWeasaco SUNWeascmo	SUNWeasdmo SUNWeaso
Calendar Server	SUNWesics	
Communications Express	SUNWeuwc	
Directory Server	SUNWedsvcp	SUNWedsvu
Directory Proxy Server	SUNWedpsg	
Instant Messaging	SUNWeiimc SUNWeiimd	SUNWeiimin SUNWeimid
Message Queue	SUNWeiqu	SUNWeiquc
Messaging Server	SUNWmsges	
Portal ServerPortal Server Secure Remote Access	SUNWepsab SUNWepsca SUNWepsda SUNWepsdm SUNWepsds SUNWepsdt SUNWepsdx SUNWepsga SUNWepsgw SUNWepsim SUNWepsma SUNWepsmai SUNWepsmap SUNWepsmas SUNWepsne SUNWepsnl SUNWepsnm	SUNWepsoh SUNWepsp SUNWepsplt SUNWepsps SUNWepsr SUNWepsra SUNWepss SUNWepssa SUNWepsse SUNWepsso SUNWepssp SUNWepsss SUNWepsssoa SUNWepssu SUNWepswsrpconsumer SUNWepswsrpconsumersample SUNWepswsrpproducer
Service Registry	SUNWesoar-sdk SUNWesoar-server	
Sun Cluster Agents	SUNWeschtt SUNWescs1as	SUNWeschadb SUNWescs1mq
Sun Cluster software	SUNWesc SUNWescspmu	SUNWescspm
Web Server	SUNWewbsvr	

TABLE 5–30 Localized Solaris Packages for the Spanish Language   *(Continued)*

Component	Packages	
Web Proxy Server	`SUNWeproxy`	
Sun Java Web Console	`SUNWemcon`	`SUNWemcosx`
	`SUNWemconr`	`SUNWemctag`
	`SUNWemcos`	

Linux Packages

Uninstall Packages for Linux

The following table lists the uninstall packages for Java ES.

TABLE 5–31 Uninstall Packages for Linux

Component	Packages
uninstaller	`sun-entsys4`
uninstaller (localized package)	`sun-entsys4-l10n`

Linux Packages Installed for Components

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

Access Manager Linux Packages

TABLE 5–32 Access Manager Packages for Linux

Component	Packages
Access Manager	`sun-identity-external`
	`sun-identity-utils`
	`sun-identity-clientsdk`

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

Component	Packages
Administration Console	sun-identity-console sun-identity-console-sdk sun-identity-password sun-identity-sci
Mobile Access	sun-identity-mobileaccess sun-identity-mobileaccess-config
Identity Management and Policy Services Core	sun-identity-services sun-identity-services-config
Common Domain Services for Federation Management	sun-identity-federation
Access Manager SDK	sun-identity-samples sun-identity-sdk sun-identity-sdk-config
Session Failover	sun-identity-sfodb

Administration Server Linux Packages

TABLE 5–33 Administration Server Packages for Linux

Component	Packages
Administration Server	sun-admin-server sun-server-console sun-admin-server-man

Application Server Linux Packages

TABLE 5–34 Application Server Packages for Linux

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

Calendar Server Linux Packages

TABLE 5–35 Calendar Server Packages for Linux

Component	Packages
Calendar Server	sun-calendar-api sun-calendar-core

Communications Express Linux Packages

TABLE 5–36 Communications Express Packages for Linux

Component	Packages
Communications Express	sun-uwc

Delegated Administrator Linux Packages

TABLE 5–37 Delegated Administrator Packages for Linux

Component	Packages
Communications Services Delegated Administrator	`sun-commcli-client` `sun-commcli-server`

Directory Server Linux Packages

TABLE 5–38 Directory Server Packages for Linux

Component	Packages
Directory Server	`sun-directory-server` `sun-directory-server-man`

Directory Proxy Server Linux Packages

TABLE 5–39 Directory Proxy Server Packages for Linux

Component	Packages
Directory Proxy Server	`sun-directory-proxy-server`

HADB Linux Packages

TABLE 5–40 HADB Packages for Linux

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`

Instant Messaging Linux Packages

TABLE 5–41 Instant Messaging Packages for Linux

Component	Packages

Instant Messaging Server Core	`sun-im-apidoc`
	`sun-im-install`
	`sun-im-mux`
	`sun-im-server`

Instant Messaging Resources	`sun-im-client` `sun-im-olh`
Access Manager Instant Messaging Service	`sun-im-ident`

Message Queue Linux Packages

TABLE 5–42 Message Queue Packages for Linux

Component	Packages

Message Queue Enterprise Edition	`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`

Messaging Server Linux Packages

TABLE 5–43 Messaging Server Packages for Linux

Component	Packages
Messaging Server	`sun-messaging-server`

Portal Server Linux Packages

TABLE 5–44 Portal Server Packages for Linux

Component	Packages
Portal Server	
	`sun-portal-addressbookapi`
	`sun-portal-addressbookapi-config`
	`sun-portal-calendarapi`
	`sun-portal-calendarapi-config`
	`sun-portal-configurator`
	`sun-portal-container`
	`sun-portal-core`
	`sun-portal-core-config`
	`sun-portal-desktop`
	`sun-portal-desktopadmin-`
	`sun-portal-desktop-config`
	`sun-portal-desktopdatamgmt`
	`sun-portal-desktopextension`
	`sun-portal-desktopextension-config`
	`sun-portal-desktoppapi`
	`sun-portal-desktoppapi-config`
	`sun-portal-desktopserviceconfig`
	`sun-portal-desktopserviceconfig-config`
	`sun-portal-discussions`
	`sun-portal-discussions-config`
	`sun-portal-instantmessaging`
	`sun-portal-instantmessaging-config`
	`sun-portal-jsptaglib`
	`sun-portal-jsptaglib-config`
	`sun-portal-l10n-configurator`
	`sun-portal-mail`
	`sun-portal-mail-config`
	`sun-portal-mobileaccess`
	`sun-portal-mobileaccess-config`
	`sun-portal-mobileaccess-doc`
	`sun-portal-mobileaccess-identity`
	`sun-portal-mobileaccessstatic`
	`sun-portal-mobileaccessstatic-config`
	`sun-portal-netmail`
	`sun-portal-onlinehelp`
	`sun-portal-onlinehelp-identity`
	`sun-portal-portlet`
	`sun-portal-portlet-config`
	`sun-portal-portletsample`
	`sun-portal-portletsample-config`

TABLE 5–44 Portal Server Packages for Linux   *(Continued)*

Component	Packages
	sun-portal-portlettck
	sun-portal-portlettck-config
	sun-portal-rewriter
	sun-portal-rewriteradmin
	sun-portal-sample
	sun-portal-sample-config
	sun-portal-sdk
	sun-portal-searchadmin
	sun-portal-searchserver
	sun-portal-searchui
	sun-portal-searchui-config
	sun-portal-ssoadapter
	sun-portal-ssoadapteradmin
	sun-portal-subscriptions
	sun-portal-subscriptions-config
	sun-portal-wsrpcommon
	sun-portal-wsrpconsumer
	sun-portal-wsrpconsumerconfig
	sun-portal-wsrpconsumersample
	sun-portal-wsrpproducer
	sun-portal-wsrpproducersample
	sun-webnfs

Portal Server Secure Remote Access Linux Packages

TABLE 5–45 Portal Server SRA Packages for Linux

Component	Packages
Portal Server Secure Remote Access Core	sun-portal-gatewayadmin sun-portal-gatewayidentityagent sun-portal-gatewayidentityagent-identity sun-portal-netfile sun-portal-kssl sun-portal-netlet sun-portal-netlet-config sun-portal-proxylet-config sun-portal-srasample
Gateway	sun-portal-gateway sun-portal-gateway-config sun-portal-gatewayadmin sun-portal-gatewayidentityagent sun-portal-gatewayidentityagent-identity
Netlet Proxy	sun-portal-netletproxy sun-portal-netletproxy-config

TABLE 5–45 Portal Server SRA Packages for Linux   *(Continued)*

Component	Packages

Rewriter Proxy	`sun-portal-rewriterproxy`
	`sun-portal-rewriterproxy-config`
	`sun-portal-configurator`

Service Registry Linux Packages

TABLE 5–46 Service Registry Packages for Linux

Component	Packages
Service Registry	`sun-soarsdk` `sun-soarserver`

Web Server Linux Packages

TABLE 5–47 Web Server Packages for Linux

Component	Packages
Web Server	`sun-webserver`

Web Proxy Server Linux Packages

TABLE 5–48 Web Proxy Server Packages for Linux

Component	Packages
Web Proxy Server	`sun-proxyserver`

Linux Packages Installed for Shared Components

The following table lists the names of the Linux packages distributed for each shared component.

TABLE 5–49 Shared Component Packages for Linux

Component	Packages
Ant	`sun-ant`

TABLE 5–49 Shared Component Packages for Linux   *(Continued)*

Component	Packages
Apache Derby Database	`sun-derby-core` `sun-derby-javadoc`
ACL (Apache Common Logging)	`sun-aclg`
Berkeley DB	`sun-berkeleydatabase-core` `sun-berkeleydatabase-java`

Common agent container	`sun-cacao`
	`sun-cacao-config`
	`sun-cacao-man`

ICU (international Components for Unicode)	`sun-icu`
IMSDK (Instant Messaging SDK)	`sun-im-dev`
J2SE (Java 2 Standard Edition, JDK)	`jdk`
JAF (JavaBeans Activation Framework)	`sun-jaf`

JATO (Java Studio Enterprise Web Application Framework)	`SUNWjato`
	`SUNWjatodmo`
	`SUNWjatodoc`

JavaHelp Runtime	`sun-javahelp`
Java Mail Runtime	`sun-javamail`
JAXB (Java Architecture for XML Binding) Runtime	`sun-jaxb`
JAXP (Java API for XML Processing)	`sun-jaxp`
JAXR (Java API for XML Registries) Runtime	`sun-jaxr`
JAX-RPC (Java API for XML-based Remote Procedure Call) Runtime	`sun-jaxrpc`
JCAPI (Java Calendar API)	`sun-jcapi`
JDMK (Java Dynamic Management Kit) Runtime Library	`sun-jdmk-runtime` `sun-jdmk-runtime-jmx`
JSS (Java Security Services)	`sun-jss` `sun-jss-devel`

TABLE 5–49 Shared Component Packages for Linux   *(Continued)*

Component	Packages
KTSE (KTSearch Engine)	`sun-ktsearch`
LDAP C Language SDK	`sun-ldapcsdk`
LDAP Java SDK	`sun-ljdk`
MA Core (Mobile Access core)	`sun-identity-mobileaccess` `sun-identity-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-agent`
	`sun-mfwk-cfg`
	`sun-mfwk-man`

Sun Java Web Console	`SUNWmcon`
	`SUNWmconr`
	`SUNWmcos`
	`SUNWmcosx`
	`SUNWmctag`

WSCL (Web Services Common Library)	`sun-wscl`

Localized Linux Packages for Components

Simplified Chinese Linux Packages

TABLE 5–50 Localized Linux Packages for Simplified Chinese

Component	Packages
Access Manager	`sun-identity-sdk-zh_CN`

TABLE 5–50 Localized Linux Packages for Simplified Chinese   *(Continued)*

Component	Packages
Administration Server	`sun-admin-server-zh_CN` `sun-server-console-zh_CN`

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

Calendar Server	`sun-calendar-core-zh_CN`
Communications Express	`sun-uwc-zh_CN`
Directory Server	`sun-directory-server-zh_CN`
Directory Proxy Server	`sun-directory-proxy-server-zh_CN`

Instant Messaging	`sun-im-client-zh_CN`
	`sun-im-ident-zh_CN`
	`sun-im-install-zh_CN`
	`sun-im-olh-zh_CN`

Message Queue	`sun-mq-zh_CN`
Messaging Server	`sun-messaging-l10n-zh_CN`

Portal ServerPortal Server Secure Remote Access	`sun-portal-addressbookapi-zh_CN`
	`sun-portal-addressbookapi-zh_CN-config`
	`sun-portal-calendarapi-zh_CN-`
	`sun-portal-calendarapi-zh_CN-config`
	`sun-portal-data-migration-zh_CN`
	`sun-portal-desktopadmin-zh_CN`
	`sun-portal-desktopdatamgmt-zh_CN`
	`sun-portal-desktopextension-zh_CN`
	`sun-portal-desktopextension-zh_CN-config`
	`sun-portal-desktop-zh_CN`
	`sun-portal-desktop-zh_CN-config`

TABLE 5–50 Localized Linux Packages for Simplified Chinese   *(Continued)*

Component	Packages
	sun-portal-discussions-zh_CN
	sun-portal-discussions-zh_CN-config
	sun-portal-gatewayadmin-zh_CN
	sun-portal-gatewaycommon-zh_CN
	sun-portal-gatewayidentityagent-zh_CN
	sun-portal-gatewayidentityagent-zh_CN-identity
	sun-portal-gateway-zh_CN
	sun-portal-instantmessaging-zh_CN-
	sun-portal-instantmessaging-zh_CN-config
	sun-portal-mail-zh_CN
	sun-portal-mail-zh_CN-config
	sun-portal-mobileaccess-identity-zh_CN
	sun-portal-mobileaccessstatic-zh_CN
	sun-portal-mobileaccessstatic-zh_CN-config
	sun-portal-mobileaccess-zh_CN
	sun-portal-netfile-zh_CN
	sun-portal-netletproxy-zh_CN
	sun-portal-netlet-zh_CN
	sun-portal-netlet-zh_CN-config
	sun-portal-netmail-zh_CN
	sun-portal-onlinehelp-zh_CN
	sun-portal-onlinehelp-zh_CN-identity
	sun-portal-portletsample-zh_CN
	sun-portal-portlet-zh_CN-
	sun-portal-proxylet-zh_CN
	sun-portal-rewriteradmin-zh_CN
	sun-portal-rewriterproxy-zh_CN
	sun-portal-rewriter-zh_CN
	sun-portal-sample-zh_CN-
	sun-portal-sample-zh_CN-config
	sun-portal-searchadmin-zh_CN
	sun-portal-searchserver-zh_CN
	sun-portal-searchui-zh_CN
	sun-portal-srasample-zh_CN
	sun-portal-ssoadapteradmin-zh_CN
	sun-portal-ssoadapter-zh_CN
	sun-portal-subscriptions-zh_CN
	sun-portal-subscriptions-zh_CN
	sun-portal-wsrpconsumersample-zh_CN
	sun-portal-wsrpconsumer-zh_CN
	sun-portal-wsrpproducer-zh_CN
Service Registry	sun-soar-sdk-zh_CN
	sun-soar-server-zh
Web Server	sun-webserver-zh_CN
Web Proxy Server	sun-proxyserver-zh_CN

Traditional Chinese Linux Packages

TABLE 5–51 Localized Linux Packages for Traditional Chinese

Component	Packages
Access Manager	`sun-identity-sdk-zh_TW`
Administration Server	`sun-admin-server-zh_TW` `sun-server-console-zh_TW`

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

Calendar Server	`sun-calendar-core-zh_TW`
Communications Express	`sun-uwc-zh_TW`
Directory Server	`sun-directory-server-zh_TW`
Directory Proxy Server	`sun-directory-proxy-server-zh_TW`

Instant Messaging	`sun-im-client-zh_TW-`
	`sun-im-ident-zh_TW`
	`sun-im-install-zh_TW`
	`sun-im-olh-zh_TW`

Message Queue	`sun-mq-zh_TW`
Messaging Server	`sun-messaging-l10n-zh_TW`

Portal Server Portal Server Secure Remote Access	`sun-portal-addressbookapi-zh_TW`
	`sun-portal-addressbookapi-zh_TW-config`
	`sun-portal-calendarapi-zh_TW`
	`sun-portal-calendarapi-zh_TW-config`
	`sun-portal-data-migration-zh_TW`
	`sun-portal-desktopadmin-zh_TW`
	`sun-portal-desktopdatamgmt-zh_TW`
	`sun-portal-desktopextension-zh_TW`
	`sun-portal-desktopextension-zh_TW-config`
	`sun-portal-desktop-zh_TW`
	`sun-portal-desktop-zh_TW-config`
	`sun-portal-discussions-zh_TW`
	`sun-portal-discussions-zh_TW-config`
	`sun-portal-gatewayadmin-zh_TW`
	`sun-portal-gatewaycommon-zh_TW`

Component	Packages
| | ```
sun-portal-gatewayidentityagent-zh_TW-
sun-portal-gatewayidentityagent-zh_TW-identity
sun-portal-gateway-zh_TW
sun-portal-instantmessaging-zh_TW-
sun-portal-instantmessaging-zh_TW-config
sun-portal-mail-zh_TW
sun-portal-mail-zh_TW-config
sun-portal-mobileaccess-identity-zh_TW
sun-portal-mobileaccessstatic-zh_TW
sun-portal-mobileaccessstatic-zh_TW-config
sun-portal-mobileaccess-zh_TW
sun-portal-netfile-zh_TW
sun-portal-netletproxy-zh_TW
sun-portal-netlet-zh_TW
sun-portal-netlet-zh_TW-config
sun-portal-netmail-zh_TW
sun-portal-onlinehelp-zh_TW
sun-portal-onlinehelp-zh_TW
sun-portal-portletsample-zh_TW
sun-portal-portlet-zh_TW
sun-portal-proxylet-zh_TW
sun-portal-rewriteradmin-zh_TW
sun-portal-rewriterproxy-zh_TW
sun-portal-rewriter-zh_TW
sun-portal-sample-zh_TW
sun-portal-sample-zh_TW-config
sun-portal-searchadmin-zh_TW
sun-portal-searchserver-zh_TW
sun-portal-searchui-zh_TW
sun-portal-srasample-zh_TW
sun-portal-ssoadapteradmin-zh_TW
sun-portal-ssoadapter-zh_TW
sun-portal-subscriptions-zh_TW
sun-portal-subscriptions-zh_TW
sun-portal-wsrpconsumersample-zh_TW
sun-portal-wsrpconsumer-zh_TW
sun-portal-wsrpproducer-zh_TW
``` |
| Service Registry | ```
sun-soar-sdk-zh_TW
sun-soar-server-zh_TW
``` |
| Web Server | ```
sun-webserver-zh_TW
``` |
| Web Proxy Server | ```
sun-proxyserver-zh_TW
``` |

French Linux Packages

TABLE 5–52 Localized Linux Packages for the French Language

Component	Packages
Access Manager	`sun-identity-sdk-fr`
Administration Server	`sun-admin-server-fr` `sun-server-console-fr`

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

Calendar Server	`sun-calendar-core-fr`
Communications Express	`sun-uwc-fr`
Directory Server	`sun-directory-server-fr`
Directory Proxy Server	`sun-directory-proxy-server-fr`

Instant Messaging	`sun-im-client-fr`
	`sun-im-ident-fr`
	`sun-im-install-fr`
	`sun-im-olh-fr`

Message Queue	`sun-mq-fr`
Messaging Server	`sun-messaging-l10n-fr`

Portal Server Portal Server Secure Remote Access	`sun-portal-addressbookapi-fr`
	`sun-portal-addressbookapi-fr-config`
	`sun-portal-calendarapi-fr`
	`sun-portal-calendarapi-fr-config`
	`sun-portal-data-migration-fr`
	`sun-portal-desktopadmin-fr`
	`sun-portal-desktopdatamgmt-fr`
	`sun-portal-desktopextension-fr`
	`sun-portal-desktopextension-fr-config`
	`sun-portal-desktop-fr`
	`sun-portal-desktop-fr-config`
	`sun-portal-discussions-fr`
	`sun-portal-discussions-fr-config`
	`sun-portal-gatewayadmin-fr`
	`sun-portal-gatewaycommon-fr`
	`sun-portal-gateway-fr`

TABLE 5–52 Localized Linux Packages for the French Language   *(Continued)*

Component	Packages

	`sun-portal-gatewayidentityagent-fr`
	`sun-portal-gatewayidentityagent-fr-identity`
	`sun-portal-instantmessaging-fr`
	`sun-portal-instantmessaging-fr-config`
	`sun-portal-mail-fr`
	`sun-portal-mail-fr-config`
	`sun-portal-mobileaccess-fr`
	`sun-portal-mobileaccess-identity-fr`
	`sun-portal-mobileaccessstatic-fr`
	`sun-portal-mobileaccessstatic-fr-config`
	`sun-portal-netfile-fr`
	`sun-portal-netlet-fr`
	`sun-portal-netlet-fr-config`
	`sun-portal-netletproxy-fr`
	`sun-portal-netmail-fr`
	`sun-portal-onlinehelp-fr`
	`sun-portal-onlinehelp-fr-identity`
	`sun-portal-portlet-fr`
	`sun-portal-portletsample-fr`
	`sun-portal-proxylet-fr`
	`sun-portal-rewriteradmin-fr`
	`sun-portal-rewriter-fr`
	`sun-portal-rewriterproxy-fr`
	`sun-portal-sample-fr`
	`sun-portal-sample-fr-config`
	`sun-portal-searchadmin-fr`
	`sun-portal-searchserver-fr`
	`sun-portal-searchui-fr`
	`sun-portal-srasample-fr`
	`sun-portal-ssoadapteradmin-fr`
	`sun-portal-ssoadapter-fr`
	`sun-portal-subscriptions-fr`
	`sun-portal-subscriptions-fr-config`
	`sun-portal-wsrpconsumer-fr`
	`sun-portal-wsrpconsumersample-fr`
	`sun-portal-wsrpproducer-fr`

Service Registry	`sun-soar-sdk-fr` `sun-soar-server-fr`
Web Server	`sun-webserver-fr`
Web Proxy Server	`sun-proxyserver-fr`

German Linux Packages

TABLE 5–53 Localized Linux Packages for the German Language

Component	Packages
Access Manager	`sun-identity-sdk-de`
Administration Server	`sun-admin-server-de` `sun-server-console-de`

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

Calendar Server	`sun-calendar-core-de`
Communications Express	`sun-uwc-de`
Directory Server	`sun-directory-server-de`
Directory Proxy Server	`sun-directory-proxy-server-de`

Instant Messaging	`sun-im-client-de`
	`sun-im-ident-de`
	`sun-im-install-de`
	`sun-im-olh-de`

Message Queue	`sun-mq-de`
Messaging Server	`sun-messaging-l10n-de`

Portal ServerPortal Server Secure Remote Access	`sun-portal-addressbookapi-de`
	`sun-portal-addressbookapi-de-config`
	`sun-portal-calendarapi-de`
	`sun-portal-calendarapi-de-config`
	`sun-portal-data-migration-de`
	`sun-portal-desktopadmin-de`
	`sun-portal-desktopdatamgmt-de`
	`sun-portal-desktop-de`
	`sun-portal-desktop-de-config`
	`sun-portal-desktopextension-de`
	`sun-portal-desktopextension-de-config`
	`sun-portal-discussions-de`
	`sun-portal-discussions-de-config`
	`sun-portal-gatewayadmin-de`
	`sun-portal-gatewaycommon-de`
	`sun-portal-gateway-de`

TABLE 5–53 Localized Linux Packages for the German Language   *(Continued)*

Component	Packages

	`sun-portal-gatewayidentityagent-de`
	`sun-portal-gatewayidentityagent-de-identity`
	`sun-portal-instantmessaging-de`
	`sun-portal-instantmessaging-de-config`
	`sun-portal-mail-de`
	`sun-portal-mail-de-config`
	`sun-portal-mobileaccess-de`
	`sun-portal-mobileaccess-identity`
	`sun-portal-mobileaccessstatic-de`
	`sun-portal-mobileaccessstatic-de-config`
	`sun-portal-netfile-de`
	`sun-portal-netlet-de`
	`sun-portal-netlet-de-config`
	`sun-portal-netletproxy-de`
	`sun-portal-netmail-de`
	`sun-portal-onlinehelp-de`
	`sun-portal-onlinehelp-de-identity`
	`sun-portal-portlet-de`
	`sun-portal-portletsample-de`
	`sun-portal-proxylet-de`
	`sun-portal-rewriteradmin-de`
	`sun-portal-rewriter-de`
	`sun-portal-rewriterproxy-de`
	`sun-portal-sample-de`
	`sun-portal-sample-de-config`
	`sun-portal-searchadmin-de`
	`sun-portal-searchserver-de`
	`sun-portal-searchui-de`
	`sun-portal-srasample-de`
	`sun-portal-ssoadapteradmin-de`
	`sun-portal-ssoadapter-de`
	`sun-portal-subscriptions-de`
	`sun-portal-subscriptions-de-config`
	`sun-portal-wsrpconsumer-de`
	`sun-portal-wsrpconsumersample-de`
	`sun-portal-wsrpproducer-de`

Service Registry	`sun-soar-sdk-de` `sun-soar-server-de`
Web Server	`sun-webserver-de`
Web Proxy Server	`sun-proxyserver-de`

Japanese Linux Packages

TABLE 5–54 Localized Linux Packages for the Japanese Language

Component	Packages
Access Manager	`sun-identity-sdk-ja`
Administration Server	`sun-admin-server-ja` `sun-server-console-ja`

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

Calendar Server	`sun-calendar-core-ja`
Communications Express	`sun-uwc-ja`
Directory Server	`sun-directory-server-ja`
Directory Proxy Server	`sun-directory-proxy-server-ja`

Instant Messaging	`sun-im-client-ja`
	`sun-im-ident-ja`
	`sun-im-install-ja`
	`sun-im-olh-ja`

Message Queue	`sun-mq-ja`
Messaging Server	`sun-messaging-l10n-ja`

Portal ServerPortal Server Secure Remote Access	`sun-portal-addressbookapi-ja`
	`sun-portal-addressbookapi-ja-config`
	`sun-portal-calendarapi-ja`
	`sun-portal-calendarapi-ja-config`
	`sun-portal-data-migration-ja`
	`sun-portal-desktopadmin-ja`
	`sun-portal-desktopdatamgmt-ja`
	`sun-portal-desktopextension-ja`
	`sun-portal-desktopextension-ja-config`
	`sun-portal-desktop-ja`
	`sun-portal-desktop-ja-config`
	`sun-portal-discussions-ja`
	`sun-portal-discussions-ja-config`
	`sun-portal-gatewayadmin-ja`
	`sun-portal-gatewaycommon-ja-`
	`sun-portal-gatewayidentityagent-ja`

TABLE 5–54 Localized Linux Packages for the Japanese Language   *(Continued)*

Component	Packages

	`sun-portal-gatewayidentityagent-ja-identity`
	`sun-portal-gateway-ja`
	`sun-portal-instantmessaging-ja`
	`sun-portal-instantmessaging-ja-config`
	`sun-portal-mail-ja`
	`sun-portal-mail-ja-config-`
	`sun-portal-mobileaccess-identity-ja`
	`sun-portal-mobileaccess-ja`
	`sun-portal-mobileaccessstatic-ja`
	`sun-portal-mobileaccessstatic-ja-config`
	`sun-portal-netfile-ja`
	`sun-portal-netlet-ja`
	`sun-portal-netlet-ja-config`
	`sun-portal-netletproxy-ja`
	`sun-portal-netmail-ja`
	`sun-portal-onlinehelp-ja`
	`sun-portal-onlinehelp-ja-identity`
	`sun-portal-portlet-ja`
	`sun-portal-portletsample-ja`
	`sun-portal-proxylet-ja`
	`sun-portal-rewriteradmin-ja`
	`sun-portal-rewriter-ja`
	`sun-portal-rewriterproxy-ja`
	`sun-portal-sample-ja`
	`sun-portal-sample-ja-config`
	`sun-portal-searchadmin-ja`
	`sun-portal-searchserver-ja`
	`sun-portal-searchui-ja`
	`sun-portal-srasample-ja`
	`sun-portal-ssoadapteradmin-ja`
	`sun-portal-ssoadapter-ja`
	`sun-portal-subscriptions-ja`
	`sun-portal-subscriptions-ja-config`
	`sun-portal-wsrpconsumer-ja`
	`sun-portal-wsrpconsumersample-ja`
	`sun-portal-wsrpproducer-ja`

Service Registry	`sun-soar-sdk-ja` `sun-soar-server-ja`
Web Server	`sun-webserver-ja`
Web Proxy Server	`sun-proxyserver-ja`

Korean Linux Packages

TABLE 5–55 Localized Linux Packages for the Korean Language

Component	Packages
Access Manager	`sun-identity-sdk-ko`
Administration Server	`sun-admin-server-ko` `sun-server-console-ko`

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

Calendar Server	`sun-calendar-core-ko`
Communications Express	`sun-uwc-ko`
Directory Server	`sun-directory-server-ko`
Directory Proxy Server	`sun-directory-proxy-server-ko`

Instant Messaging	`sun-im-client-ko`
	`sun-im-ident-ko`
	`sun-im-install-ko`
	`sun-im-olh-ko`

Message Queue	`sun-mq-ko`
Messaging Server	`sun-messaging-l10n-ko`

Portal ServerPortal Server Secure Remote Access	`sun-portal-addressbookapi-ko`
	`sun-portal-addressbookapi-ko-config`
	`sun-portal-calendarapi-ko`
	`sun-portal-calendarapi-ko`
	`sun-portal-data-migration-ko`
	`sun-portal-desktopadmin-ko`
	`sun-portal-desktopdatamgmt-ko`
	`sun-portal-desktopextension-ko`
	`sun-portal-desktopextension-ko-config`
	`sun-portal-desktop-ko`
	`sun-portal-desktop-ko-config`
	`sun-portal-discussions-ko`
	`sun-portal-discussions-ko-config`
	`sun-portal-gatewayadmin-ko`
	`sun-portal-gatewaycommon-ko`
	`sun-portal-gatewayidentityagent-ko`

TABLE 5–55 Localized Linux Packages for the Korean Language   *(Continued)*

Component	Packages

	`sun-portal-gatewayidentityagent-ko-identity`
	`sun-portal-gateway-ko`
	`sun-portal-instantmessaging-ko`
	`sun-portal-instantmessaging-ko-config`
	`sun-portal-mail-ko`
	`sun-portal-mail-ko-config`
	`sun-portal-mobileaccess-identity-ko`
	`sun-portal-mobileaccess-ko`
	`sun-portal-mobileaccessstatic-ko`
	`sun-portal-mobileaccessstatic-ko-config`
	`sun-portal-netfile-ko`
	`sun-portal-netlet-ko`
	`sun-portal-netlet-ko-config`
	`sun-portal-netletproxy-ko`
	`sun-portal-netmail-ko`
	`sun-portal-onlinehelp-ko`
	`sun-portal-onlinehelp-ko-identity`
	`sun-portal-portlet-ko`
	`sun-portal-portletsample-ko`
	`sun-portal-proxylet-ko`
	`sun-portal-rewriteradmin-ko`
	`sun-portal-rewriter-ko`
	`sun-portal-rewriterproxy-ko`
	`sun-portal-sample-ko`
	`sun-portal-sample-ko-config`
	`sun-portal-searchadmin-ko`
	`sun-portal-searchserver-ko`
	`sun-portal-searchui-ko`
	`sun-portal-srasample-ko`
	`sun-portal-ssoadapteradmin-ko`
	`sun-portal-ssoadapter-ko`
	`sun-portal-subscriptions-ko`
	`sun-portal-subscriptions-ko-config`
	`sun-portal-wsrpconsumer-ko`
	`sun-portal-wsrpconsumersample-ko`
	`sun-portal-wsrpproducer-ko`

Service Registry	`sun-soar-sdk-ko` `sun-soar-server-ko`
Web Server	`sun-webserver-ko`
Web Proxy Server	`sun-proxyserver-ko`

Spanish Linux Packages

TABLE 5–56 Localized Linux Packages for the Spanish Language

Component	Packages
Access Manager	`sun-identity-sdk-es`
Administration Server	`sun-admin-server-es` `sun-server-console-es`

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

Calendar Server	`sun-calendar-core-es`
Communications Express	`sun-uwc-es`
Directory Server	`sun-directory-server-es`
Directory Proxy Server	`sun-directory-proxy-server-es`

Instant Messaging	`sun-im-client-es`
	`sun-im-ident-es`
	`sun-im-install-es`
	`sun-im-olh-es`

Message Queue	`sun-mq-es`
Messaging Server	`sun-messaging-l10n-es`

Portal Server Secure Remote Access	`sun-portal-addressbookapi-es`
	`sun-portal-addressbookapi-es-config`
	`sun-portal-calendarapi-es`
	`sun-portal-calendarapi-es-config`
	`sun-portal-data-migration-es`
	`sun-portal-desktopadmin-es`
	`sun-portal-desktopdatamgmt-es`
	`sun-portal-desktop-es`
	`sun-portal-desktop-es-config`
	`sun-portal-desktopextension-es`
	`sun-portal-desktopextension-es-config`
	`sun-portal-discussions-es`
	`sun-portal-discussions-es-config`
	`sun-portal-gatewayadmin-es`
	`sun-portal-gatewaycommon-es`
	`sun-portal-gateway-es`

TABLE 5–56 Localized Linux Packages for the Spanish Language   *(Continued)*

Component	Packages
	sun-portal-gatewayidentityagent-es
	sun-portal-gatewayidentityagent-es-identity
	sun-portal-instantmessaging-es
	sun-portal-instantmessaging-es-config
	sun-portal-mail-es
	sun-portal-mail-es-config
	sun-portal-mobileaccess-es
	sun-portal-mobileaccess-identity-es
	sun-portal-mobileaccessstatic-es
	sun-portal-mobileaccessstatic-es-config
	sun-portal-netfile-es
	sun-portal-netlet-es
	sun-portal-netlet-es-config
	sun-portal-netletproxy-es
	sun-portal-netmail-es
	sun-portal-onlinehelp-es
	sun-portal-onlinehelp-es-identity
	sun-portal-portlet-es
	sun-portal-portletsample-es
	sun-portal-proxylet-es
	sun-portal-rewriteradmin-es
	sun-portal-rewriter-es
	sun-portal-rewriterproxy-es
	sun-portal-sample-es
	sun-portal-sample-es-config
	sun-portal-searchadmin-es
	sun-portal-searchserver-es
	sun-portal-searchui-es
	sun-portal-srasample-es
	sun-portal-ssoadapteradmin-es
	sun-portal-ssoadapter-es
	sun-portal-subscriptions-es
	sun-portal-subscriptions-es-config
	sun-portal-wsrpconsumer-es
	sun-portal-wsrpconsumersample-es
	sun-portal-wsrpproducer-es
Service Registry	sun-soar-sdk-es sun-soar-server-es
Web Server	sun-webserver-es
Web Proxy Server	sun-proxyserver-es

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