Sun Java Enterprise System Documentation Roadmap

This roadmap identifies the documentation that is available to help your enterprise install and use Sun Java™ Enterprise System. This roadmap is organized according to the Java Enterprise System life cycle.

This roadmap divides the Java Enterprise System life cycle into three major stages: analysis and planning, deploying Java Enterprise System, and operating a deployed Java Enterprise System. This roadmap has the following sections for the major stages of the Java Enterprise System life cycle:

- "Java Enterprise System Analysis and Planning" on page 2 covers the tasks that you perform to analyze your business needs and plan a Java Enterprise System deployment.
- "Java Enterprise System Deployment" on page 5 covers the tasks that you perform to implement your deployment design, which include developing a detailed deployment plan, installing Java Enterprise System component products, and configuring the installed component products.
- "Java Enterprise System Operations" on page 10 covers the tasks that you perform regularly to operate Java Enterprise System.
- "Java Enterprise System Documentation Set" on page 12 lists all available Java Enterprise System documents.

To use this roadmap, go to the section that covers the life cycle stage that you are interested in. In that section, you will find a list of Java Enterprise System documents covering that stage of the life cycle.

Java Enterprise System Analysis and Planning

Java Enterprise System is composed of software components, such as Sun Java System Directory Server 5 2004Q2 and Sun Java System Identity Server 2004Q2. To meet the computing needs of different enterprises, the Java Enterprise System component products can be installed and configured in many different ways.

Each enterprise assesses its own business needs and plans its own deployment of Java Enterprise System. The optimal deployment for each enterprise depends on the types of enterprise services that Java Enterprise System is providing, the number of users, the kind of hardware that is available, and similar considerations.

Figure 1 shows the flow of tasks for learning about Java Enterprise System and designing a deployment that meets your enterprise computing needs. The documents that cover these tasks are listed in Table 1.

Figure 1 Java Enterprise System Analysis and Planning Task Flow

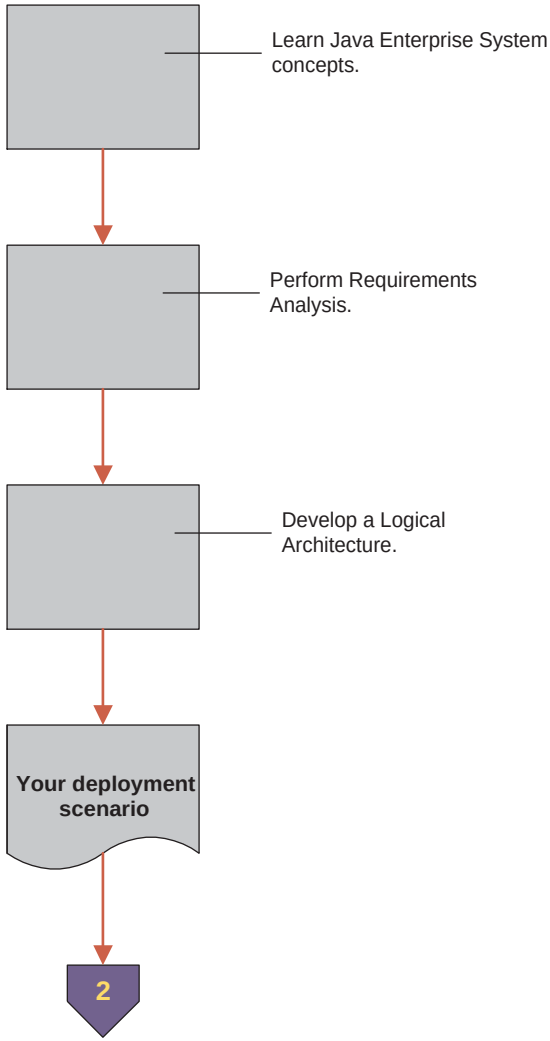

Table 1 lists documents that help you design a Java Enterprise System deployment. For a flow diagram of analysis and planning tasks, see Figure 1.

NOTE Documents listed in Table 1 may not be available in all languages. For a summary of translation practice, see "Java Enterprise System Documentation Set" on page 12.

Table 1 Java Enterprise System Analysis and Planning Documentation

For Information About…	See These Documents	See These Chapters
The concepts behind Java Enterprise System	*Java Enterprise System 2004Q2 Technical Overview*	Chapter 1, "Introduction," introduces the services provided by Java Enterprise System, the Java Enterprise System component products, and the Java Enterprise System life cycle. Chapter 2, "Java Enterprise System Architecture," explains how Java Enterprise System operates in an enterprise environment. Chapter 3, "System-Level Features," discusses important features. Appendix A provides detail on the component products.
	Sun Java System Communications Services 6 2004Q2 Enterprise Deployment Planning Guide	Chapter 1, "Understanding Communications Services," introduces the Java Enterprise System communications services.
Requirements analysis, including developing business requirements, developing use cases, user analysis, and developing system requirements	*Java Enterprise System 2004Q2 Technical Overview*	Chapter 3, "System-Level Features," discusses important features you should understand before you begin the planning process. Chapter 4, "Life-Cycle Concepts," explains how the analysis and planning phase fits into the Java Enterprise System life cycle.
	Java Enterprise System Deployment Planning White Paper	Chapter 1 introduces deployment planning, Chapter 2 covers analyzing business problems and Chapter 3 covers developing technical requirements.
	Sun Java System Communications Services 6 2004Q2 Enterprise Deployment Planning Guide	Chapter 2, "Analyzing Your Enterprise's Requirements," covers analyzing business needs for communications services.
Developing a logical architecture	*Java Enterprise System Deployment Planning White Paper*	Chapter 4 covers developing a logical architecture.
	Sun Java System Communications Services 6 2004Q2 Enterprise Deployment Planning Guide	Chapter 3, "Understanding Product Requirements and Considerations," and Chapter 4, "Developing a Communications Services Logical Architecture" cover specific considerations for communications services.

Java Enterprise System Deployment

To deploy Java Enterprise System, you develop a deployment architecture, and then a detailed, low-level deployment plan. Your detailed deployment plan includes configuration information that you must supply when you run the installer and the configuration tools. After preparing your detailed deployment plan, you install and configure component products. You can also customize the component products and develop custom applications that use Java Enterprise System services.

Figure 2 shows the flow of tasks for deploying Java Enterprise System. The documents that cover these tasks are listed in Table 2.

Figure 2 Java Enterprise System Deployment Task Flow

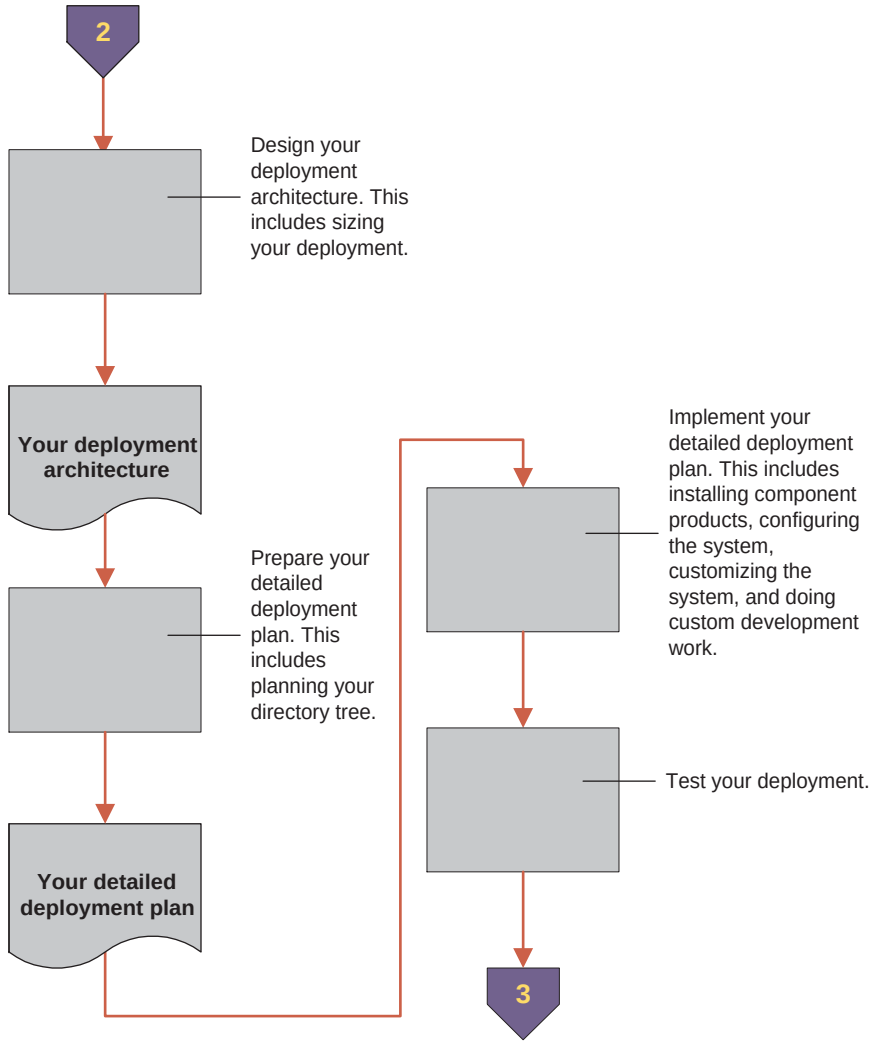

Table 2 lists documents that help you deploy Java Enterprise System. For a flow diagram of deployment tasks, see Figure 2.

NOTE Documents listed in Table 2 may not be available in all languages. For a summary of translation practice, see "Java Enterprise System Documentation Set" on page 12.

Table 2 Java Enterprise System Deployment Documentation

For Information About…	See These Documents	See These Chapters
Developing a deployment architecture, including sizing the deployment	*Java Enterprise System Deployment Planning White Paper*	Chapter 5, "Designing a Deployment Architecture."
Preparing a detailed deployment plan, including planning the directory tree	*Sun Java System Communications Services 6 2004Q2 Enterprise Deployment Planning Guide*	Chapter 3, "Understanding Product Requirements and Considerations," introduces the Java Enterprise System concept of identity, and discusses planning an LDAP directory tree that utilizes the Java Enterprise System identity capabilities.
	Sun Java System Communications Services 6 2004Q2 Schema Migration Guide	Chapter 1, "Schema Migration Overview," covers the LDAP directory schemas used with Java Enterprise System and choosing a schema that utilizes the Java Enterprise System identity capabilities.
	Sun Java System Communications Services 6 2004Q2 Schema Reference	Chapters 1 through 5 provide detailed reference information for the over the LDAP directory schemas used with Java Enterprise System.
	Sun Cluster Software Installation Guide for Solaris OS	Chapter 1, "Planning the Sun Cluster Configuration," and Appendix A, "Sun Cluster Installation and Configuration Worksheets."
	Sun Java System Calendar Server 6 2004Q2 Deployment Planning Guide	Chapters 3-7 cover the information needed in a detailed deployment plan.
	Sun Java System Directory Server 5 2004Q2 Deployment Planning Guide	Chapter 1, "Directory Server Overview."
	Sun Java System Directory Proxy Server 5 2004Q2 Administrator's Guide	Chapter 2, "Directory Proxy Server Deployment Scenarios."

Table 2 Java Enterprise System Deployment Documentation *(Continued)*

For Information About…	See These Documents	See These Chapters
	Sun Java System Identity Server 2004Q2 Deployment Planning Guide	Chapter 2, "Planning the Deployment" and Chapter 5, "Deployment Scenarios."
	Sun Java System Messaging Server 6 2004Q2 Deployment Planning Guide	Chapters 3, 4, 5, and 6 cover the information needed in a detailed deployment plan.
	Sun Java System Communications Services 6 2004Q2 Schema Reference	Chapter 1, "Overview," contains descriptions of Sun ONE LDAP schema v.1 and Sun ONE LDAP schema v.2 and their uses.
	Sun Java System Portal Server 6 2004Q2 Deployment Planning Guide	Chapter 4, "Analyzing Your Portal Requirement," Chapter 5, "Sizing Your Portal," and Chapter 6, "Understanding the Portal Deployment Process."
	Java Enterprise System 2004Q2 Installation Guide	Chapter 2, "Preparing for Installation," Chapter 3 "Gathering Installation and Configuration Information," and the worksheets in Appendix A.
Installing component products	*Java Enterprise System 2004Q2 Installation Guide*	Depending on the installation mode you chose, Chapter 4, Chapter 5, or Chapter 6.
	Sun Cluster Software Installation Guide for Solaris OS	Chapter 1, "Planning the Sun Cluster Configuration."
Upgrading from Java Enterprise System 2003Q4	*Java Enterprise System 2004Q2 Installation Guide*	Chapter 8, "Upgrading from Java Enterprise System 2003Q4."
Migrating component products that were installed before Java Enterprise System	*Java Enterprise System 2004Q2 Installation Guide*	Chapter 9, "Migrating System Components From Past Versions."
Solving installation problems	*Java Enterprise System 2004Q2 Installation Guide*	Chapter 11, "Troubleshooting."
Configuring component products	*Java Enterprise System 2004Q2 Installation Guide*	Chapter 7, "Postinstallation Configuration and Startup."
	Sun Cluster Software Installation Guide for Solaris OS	Chapter 2, "Installing and Configuring the Sun Cluster Software."
	Sun Cluster System Administration Guide for Solaris OS	Chapter 1, "Introduction to Administering Sun Cluster."
	Sun ONE Application Server 7 Administrator's Guide	Part 1, "Server Basics and Administering Global Settings."

Table 2 Java Enterprise System Deployment Documentation *(Continued)*

For Information About…	See These Documents	See These Chapters
	Sun Java System Calendar Server 6 2004Q2 Administration Guide	Chapter 1 has the section “Calendar Server Installation and Configuration.”
	Sun Java System Directory Server 5 2004Q2 Administration Guide	Entire manual introduces Sun Java System Directory Server 5 2004Q2 features and administration tools.
	Sun Java System Identity Server 2004Q2 Administration Guide	Chapter 1, “Product Overview,” introduces administering Sun Java System Identity Server 2004Q2.
	Sun Java System Communications Services 6 2004Q2 User Management Utility Administration Guide	Chapter 2 explains how to configure the Sun ONE User Management Utility. This guide also describes the User Management Utility commands, including syntax and examples.
Configuring single sign-on	*Java Enterprise System 2004Q2 Technical Overview*	Chapter 3, “System-Level Features.”
	Sun Java System Calendar Server 6 2004Q2 Administration Guide	Chapter 8, “Configuring Single Sign-on,” contains information about Identity Server single sign-on.
Configuring proxy authentication	*Java Enterprise System 2004Q2 Technical Overview*	Chapter 3, “System-Level Features.”
Customizing Java Enterprise System component products	*Sun Java System Communications Express 6 2004Q2 Customization Guide*	Entire manual. Covers customizing the web interfaces for Communications Express mail, calendar, and address book features.
	Sun Java System Messenger Express 6 2004Q2 Customization Guide	Entire manual. Covers customizing the web interfaces for Messenger Express.
	Sun Java System Portal Server 6 2004Q2 Desktop Customization Guide	Entire manual. Covers customizing the portal desktop.
Developing custom applications that use Java Enterprise System services	*Sun Cluster Data Services Developer's Guide for Solaris OS*	Entire manual. Covers developing applications that use Sun Cluster data services.
	Sun ONE Application Server 7 Developer's Guide	Entire manual. Covers developing applications that can be deployed to Sun ONE Application Server 7.

Table 2 Java Enterprise System Deployment Documentation *(Continued)*

For Information About…	See These Documents	See These Chapters
	Sun Java System Identity Server 2004Q2 Developer's Guide and *Sun Java System Identity Server 2004Q2 Developer's Reference*	Cover developing applications that use Java Enterprise System identity services.
	Sun Java System Message Queue 3.5 SP1 C Client Developer's Guide and *Sun Java System Message Queue 3.5 SP1 Java Client Developer's Guide*	Cover developing applications that use Java Enterprise System message queue services.
	Sun Java System Messaging Server 6 2004Q2 Developer's Reference	Covers developing applications that use Messaging Server's Message Transfer Agent API.
	Sun Java System Portal Server 6 2004Q2 Developer's Guide and *Sun Java System Portal Server Mobile Access 6 2004Q2 Developer's Guide*	Covers developing applications that can function as portal channels.

Java Enterprise System Operations

Figure 3 shows the flow of tasks you perform to operate Java Enterprise System on a daily basis. The documents that cover these tasks are listed in Table 3.

Figure 3 Java Enterprise System Operations Task Flow

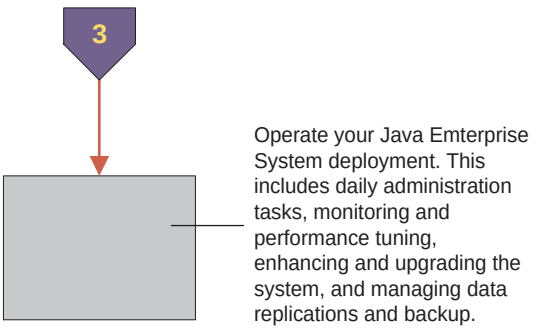

Table 3 lists documents that cover Java Enterprise System operations. For a flow diagram of operations tasks, see Figure 3.

NOTE Documents listed in Table 3 may not be available in all languages. For a summary of translation practice, see "Java Enterprise System Documentation Set" on page 12.

Table 3 Java Enterprise System Operations Documentation

For Information About…	See These Documents	See These Chapters
Starting and stopping Java Enterprise System component products	*Java Enterprise System 2004Q2 Installation Guide*	Chapter 7, "Postinstallation Configuration and Startup."
Administering Sun Cluster software	*Sun Cluster System Administration Guide for Solaris OS*	Entire manual.
Administering Application Server	*Sun ONE Application Server 7 Administrator's Guide*	Part 1, "Server Basics and Administering Global Settings," contains information that applies to most deployments of Java Enterprise System.
Administering Calendar Server	*Sun Java System Calendar Server 6 2004Q2 Administration Guide*	Chapter 1, "Overview," and Chapter 10, "Administering Calendar Server," contain information that applies to most deployments of Java Enterprise System.
Administering Directory Server	*Sun Java System Directory Server 5 2004Q2 Administration Guide*	Entire manual; covers topics such as directory tree structure, populating the directory, managing user accounts.
Administering Identity Server	*Sun Java System Identity Server 2004Q2 Administration Guide*	Entire manual.
Administering Message Queue	*Sun Java System Message Queue 3.5 SP1 Administration Guide.*	Entire manual.

Java Enterprise System Documentation Set

This section explains how Java Enterprise System is organized. Documentation for Java Enterprise System is found in a number of document collections. There is a Java Enterprise System collection, which contains documents that cover the system as a whole. There are also component product collections, which contain documents that cover the component products in detail.

Table 4 contains a selection of Java Enterprise System documents, organized by collection:

- The first collection in the table is the Java Enterprise System collection. All documents in the Java Enterprise System collection are listed.
- Following the Java Enterprise System collection, the component product collections are listed in alphabetical order. For each collection, the most relevant documents are listed.

The documents in Table 4 are available at `http://docs.sun.com/prod/entsys.04q2`. You can read these documents online or download them for printing.

NOTE Documents listed in Table 4 may not be available in all languages. The translation policy is as follows:

- All documents are available in English.
- Release notes for Java Enterprise System and all component products are available in the following languages: English, French, German, Spanish, Japanese, Chinese, and Korean.
- Documents in the Java Enterprise System collection are available in the following languages: English, French, German, Spanish, Japanese, Chinese, and Korean.
- The installation guides for component products are available in the following languages: English, Japanese, Chinese, and Korean.
- The deployment guides for all component products are available in the following languages: English and Japanese.
- The administration guides for component products are available in the following languages: English, Japanese, Chinese, and Korean.

Table 4 Java Enterprise System Documentation

System Component	Documentation Collection	Relevant Documents
Java Enterprise System	Sun Java Enterprise System 2004Q2	• *Java Enterprise System 2004Q2 Release Notes* Contains the latest information about Java Enterprise System, including known issues. In addition, component products have their own release notes. • *Java Enterprise System 2004Q2 Technical Overview* Introduction to concepts and terminology of the Java Enterprise System. Describes system components and provides an overview of system deployment. • *Java Enterprise System Deployment Planning White Paper* Describes the process of analyzing enterprise business needs and designing a Java Enterprise System deployment that meets those needs. • *Java Enterprise System 2004Q2 Installation Guide* Guides you through the process of installing your Java Enterprise System deployment. Shows you how to select the component products that you want to install, how to configure the component products that you install, and how to verify that the software you install functions properly. • *Java Enterprise System Glossary* Defines terms that are used in the Java Enterprise System documentation.
Sun Cluster and Sun ONE Agents for Sun Cluster	Sun Cluster 3.1 4/04 Software	• *Sun Cluster Release Notes for Solaris OS* • *Sun Cluster Concepts Guide for Solaris OS* • *Sun Cluster Software Installation Guide for Solaris OS* • *Sun Cluster System Administration Guide for Solaris OS* • *Sun Cluster Data Service Planning and Administration Guide for Solaris OS*
Administration Server	Sun Java System Administration Server 5 2004Q2	• *Sun Java System Administration Server 5 2004Q2 Release Notes* • *Sun Java System Administration Server 5 2004Q2 Administration Guide*
Application Server	Sun ONE Application Server 7 Update 3	• *Sun ONE Application Server 7 Release Notes* • *Sun ONE Application Server 7 Product Introduction* • *Sun ONE Application Server 7 Platform Summary* • *Sun ONE Application Server 7 Getting Started Guide* • *Sun ONE Application Server 7 Installation Guide* • *Sun ONE Application Server 7 Administrator's Guide*

Table 4 Java Enterprise System Documentation *(Continued)*

System Component	Documentation Collection	Relevant Documents
Calendar Server	Sun Java System Calendar Server 6 2004Q2	• *Sun Java System Calendar Server 6 2004Q2 Release Notes* • *Sun Java System Calendar Server 6 2004Q2 Deployment Planning Guide* • *Sun Java System Communications Services 6 2004Q2 Enterprise Deployment Planning Guide* • *Sun Java System Communications Services 6 2004Q2 Schema Reference* • *Sun Java System Communications Services 6 2004Q2 Schema Migration Guide* • *Sun Java System Communications Services 6 2004Q2 User Management Utility Administration Guide* • *Sun Java System Calendar Server 6 2004Q2 Administration Guide* • *Sun Java System Communications Express 6 2004Q2 Administration Guide*
Directory Server	Sun Java System Directory Server 5 2004Q2	• *Sun Java System Directory Server 5 2004Q2 Release Notes* • *Sun Java System Directory Server 5 2004Q2 Technical Overview* • *Sun Java System Directory Server 5 2004Q2 Deployment Planning Guide* • *Sun Java System Directory Server 5 2004Q2 Installation and Migration Guide* • *Sun Java System Directory Server 5 2004Q2 Administration Guide*
Directory Proxy Server	Sun Java System Directory Proxy Server 5 2004Q2	• *Sun Java System Directory Proxy Server 5 2004Q2 Release Notes* • *Sun Java System Directory Proxy Server 5 2004Q2 Administrator's Guide*

Table 4 Java Enterprise System Documentation *(Continued)*

System Component	Documentation Collection	Relevant Documents
Identity Server	Sun Java System Identity Server 2004Q2	• *Sun Java System Identity Server 2004Q2 Release Notes* • *Sun Java System Identity Server 2004Q2 Technical Overview* • *Sun Java System Identity Server 2004Q2 Migration Guide* • *Sun Java System Identity Server 2004Q2 Deployment Planning Guide* • *Sun Java System Identity Server 2004Q2 Administration Guide*
Identity Server Policy Agent	Sun ONE Identity Server Policy Agent 2.1	• *Sun ONE Identity Server Policy Agent 2.1 Release Notes* • *Sun ONE Identity Server Policy Agent 2.1 Web Policy Agents Guide* • *Sun ONE Identity Server Policy Agent 2.1 J2EE Agents Guide*
Instant Messaging	Sun Java System Instant Messaging 6 2004Q2	• *Sun Java System Instant Messaging 6 2004Q2 Release Notes* • *Sun Java System Instant Messaging 6 2004Q2 Deployment Planning Guide* • *Sun Java System Instant Messaging 6 2004Q2 Installation Guide* • *Sun Java System Instant Messaging 6 2004Q2 Administration Guide*
Message Queue	Sun Java System Message Queue 3.5 SP1	• *Sun Java System Message Queue 3.5 SP1 Release Notes* • *Sun Java System Message Queue 3.5 SP1 Installation Guide* • *Sun Java System Message Queue 3.5 SP1 Administration Guide*

Table 4 Java Enterprise System Documentation *(Continued)*

System Component	Documentation Collection	Relevant Documents
Messaging Server	Sun Java System Messaging Server 6 2004Q2	• *Sun Java System Messaging Server 6 2004Q2 Release Notes* • *Sun Java System Messaging Server 6 2004Q2 Deployment Planning Guide* • *Sun Java System Communications Services 6 2004Q2 Enterprise Deployment Planning Guide* • *Sun Java System Communications Services 6 2004Q2 Schema Reference* • *Sun Java System Communications Services 6 2004Q2 Schema Migration Guide* • *Sun Java System Communications Services 6 2004Q2 User Management Utility Administration Guide* • *Sun Java System Messaging Server 6 2004Q2 Administration Guide* • *Sun Java System Communications Express 6 2004Q2 Administration Guide*
Portal Server	Sun Java System Portal Server 6 2004Q2	• *Sun Java System Portal Server 6 2004Q2 Release Notes* • *Sun Java System Portal Server 6 2004Q2 Deployment Planning Guide* • *Sun Java System Portal Server Mobile Access 6 2004Q2 Deployment Planning Guide* • *Sun Java System Portal Server 6 2004Q2 Administration Guide* • *Sun Java System Portal Server Secure Remote Access 6 2004Q2 Administration Guide* • *Sun Java System Portal Server Mobile Access 6 2004Q2 Administration Guide* • *Sun Java System Portal Server 6 2004Q2 Desktop Customization Guide*
Sun Remote Services Net Connect	Sun Remote Services Net Connect 3.1	• *Sun Remote Services Net Connect Solaris 9 Update 6 CD Installation and Activation Guide*
Web Server	Sun ONE Web Server 6.1 SP2 Collection	• *Release Notes for Sun Java System Web Server 6.1 2004Q2 SP2* • *Sun ONE Web Server 6.1 Installation and Migration Guide* • *Sun ONE Web Server 6.1 Getting Started Guide* • *Sun ONE Web Server 6.1 Administrator's Guide*

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