

UNIX Essentials Featuring the Solaris 9 Operating System (SA-119)

Product Description

Product Outline/Details

The UNIX Essentials Featuring the Solaris 9 Operating System course provides students with the necessary knowledge and skills to use components of the desktop system, manage files and directories, create and modify files, control the user work environment, archive files, and use remote commands. In addition, this course explains fundamental command line features of the Solaris Operating System (Solaris OS), including file system navigation, the vi text editor, file permissions, command shells, file compression, and basic network use. This course is the first of a two-part series that students take in preparation for the Sun Certified System Administration for Solaris, Part I examination.

<i>Product ID:</i> SA-119	<i>Duration:</i> 4 days	<i>Price:</i> \$2000.00
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Who Can Benefit

Individuals who are preparing to perform basic system administration duties and are new to the Solaris Operating System, or those who are unfamiliar with the UNIX operating system.

Prerequisites

To succeed fully in this course, students should be able to:

- Use basic computer hardware (monitor, keyboard, mouse)
- Input commands and control characters from a keyboard

Skills Gained

Upon completion of this course, you should be able to:

- Use components of the desktop system
- Use command-line features and help resources
- Manage and view files and directories
- Change the directory contents
- Create and modify files
- Use basic file permissions
- Control the user work environment
- Use commands within the Korn shell
- Perform basic process and job control
- Archive files and create archives
- Compress, view, and uncompress files
- Perform remote file transfers

Related Courses

- **After:** SA-239: Intermediate System Administration for the Solaris 9 Operating System
- **After:** SL-120: Shell Programming for System Programmers

Course Content

Module 1 - Using the Desktop in the Solaris 9 Operating System

- Describe the main hardware components of a desktop computer
- Describe the three main components of the SunOS operating system
- Log in to the system from the command line
- Use the Desktop Environment

Module 2 - Using Command-Line Features and Help Resources

- Construct and execute commands from the command line
- Use online documentation

Module 3 - Viewing Directories and Files

- Work with directories
- Work with files
- Print text files

Module 4 - Changing the Solaris Operating System Directory Contents

- Copy files and directories
- Move and rename files and directories
- Create files and directories
- Remove files and directories
- Use symbolic links

Module 5 - Searching Files and Directories

- Search for content in files
- Search for files and directories

Module 6 - Using the vi Editor

- Identify the fundamentals of vi operation
- Manipulate files within the vi editor

Module 7 - Using Basic File Permissions

- View file and directory permissions
- Determine file or directory access
- Change the permissions
- Modify the default permissions

Module 8 - Using Commands Within the Korn Shell

- Use the shell metacharacters
- Describe the Korn shell
- Display the command history
- Describe user initialization files

Module 9 - Performing Basic Process and Job Control

- Describe a process
- View a process
- Search for a specific process
- Send a signal to a process
- Manage a job in the Korn shell

Module 10 - Performing Remote Connections and File Transfers

- Establish a remote login session on another system
- Copy files or directories to and from another system
- Transfer files between systems

Module 11 - Creating Archives

- Archive files
- Compress and archive files

Module 12 - Compressing, Viewing, and Uncompressing Files

- Compress files using the compress command
- View compressed files using the zcat command
- Uncompress files using the uncompress command
- Compress a file with the gzip command
- View files using the gzcat command
- Compress and archive multiple files with the zip command