Oracle Solaris 10 Operating System Essentials

Duration: 4 Days

What you will learn

This Oracle Solaris 10 Operating System Essentials course explores the key features and capabilities of the Solaris 10 OS. Interact with expert Oracle University instructors through formalized instruction, discussions, question and answers sessions and hands-on exercises.

Learn To:

Understand fundamental command-line features of the Solaris OS.
Explore file system navigation, the vi text editor and file permissions.
Work with access control lists (ACLs), command shells and file compression.
Understand basic network use.
Read shell scripts.

Benefits to You

Investing in this course will enable your organization's platforms to work with greater efficiency with the Oracle Solaris 10 Operating System. You'll benefit from instruction on key features and capabilities, enabling you to perform file and directory management, control the user work environment, archive files and use remote commands.

Sun Certified Solaris Associate Exam

This course will also prepare you to take the Sun Certified Solaris Associate (SCSAS) Exam. It's also available as part of an all-inclusive Certification Value Page. Packages include training, an ePractice exam, the actual exam and an extra retake exam, just in case you need it.

Audience
End Users
System Administrator

Related Training

Required Prerequisites

Use basic computer hardware (monitor, keyboard, and mouse)

Input commands and control characters from a keyboard

Course Objectives

Manage and view files and directories and change the directory contents

Create and modify files and use basic file permissions

Create ACLs and control the user work environment

Use commands within the shell

Perform basic process and job control

Archive files and create archives

Compress, view, and uncompress files

Perform remote file transfers

Use components of the desktop system

Use command-line features and help resources

Course Topics

Using the Desktop in the Solaris 10 Operating System
Describe the hardware components of a computer
Describe the Solaris operating system components
Describe the SunOS software
Log in to the system
Use the desktop environment

Using Command-Line Features and Online Help Resources
Construct and execute commands from the command line
Use online documentation

Viewing Directories and Files
Work with directories
Work with files
Print files

Working with Files and Directories in Solaris
Copy files and directories
Move and rename files and directories
Create files and directories
Remove files and directories
Use symbolic links

Using the vi Editor
Describe the fundamentals of the vi editor
Modify files by using the vi editor

Using Commands Within the Shell

Use shell metacharacters
Describe the Korn shell variables
Display the command history
Describe the command-line interpreter
Work with user initialization files
Redirect commands

Using Basic File Permissions

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

Configure Access Control Lists (ACLs)

Describe ACLs
Configure ACLs using the command line
Configure ACLs using the File Manager graphical user interface (GUI)
Switch users on a system

Searching Files and Directories

Search for content in files
Search for files and directories

Performing Basic Process Control

Describe Solaris OS processes
View a process
Search for a specific process
Send a signal to a process
Terminate processes with the kill command

Advanced Shell Functionality

Manage jobs in the Korn shell
Describe the Korn shell alias utility
Use Korn shell functions
Set Korn shell options

Reading Shell Scripts

Describe shell scripts
Run shell scripts
Pass values to shell scripts
Use the test command
Perform conditional commands

Creating Archives

Archive files
Compress and archive files using the jar command

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

Performing Remote Connections and File Transfers
Establish a remote login session
Copy files or directories to and from another system
Transfer files between systems