

## 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