# Solaris 10 Operating System Essentials (D61752GC11)

**Varighed: 4 Days      Kursus Kode: SA-100**

## Beskrivelse:

The Solaris 10 Operating System Essentials course provides instruction in the key features and capabilities of Suns flagship Solaris 10 OS. Topics include file and directory management, controlling the user work environment, archiving files and using remote commands. In addition, this course explains fundamental command-line features of the Solaris OS, including file system navigation, the vi text editor, file permissions, access control lists (ACLs), command shells, file compression, basic network use, and reading shell scripts. This course prepares students to take the Sun Certified Solaris Associate (SCSAS) Exam.
Students who can benefit from this course
Individuals who are preparing to perform basic system administration duties and are new users to Solaris and/or UNIX.

## Målgruppe:

Students who can benefit from this course are individuals who are preparing to perform basic system administration duties and are new to the Solaris OS, or those who are unfamiliar with the UNIX operating system.

## Agenda:

- Use components of the desktop system
- Use command-line features and help resources
- 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 environmen

- 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

## Forudsætninger:

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

## Yderligere Kurser:

- Intermediate System Administration for the Solaris 10 Operating System (SA-200-S10)
- Shell Programming for System Administrators (SA-245)
- Shell Programming for System Programmers (SL-120CU)

## Indhold:

**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 operating system
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

**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 by using the command line
Configure ACLs using the File Manager graphical user interface (GUI)´

**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´

**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 scriptsRun 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

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## Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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