



Shell-programmering for System Administrators (D61776GC10)

Varighed: 5 Days Kursus Kode: SA-245

Beskrivelse:

The Shell Programming for System Administrators course provides delegates with the skills to read, write, and debug shell scripts. The course begins by describing simple scripts to automate frequently executed commands and continues by adding conditional logic, user interaction, loops, menus, traps, and functions to enhance the productivity and effectiveness of the user. This course is intended for system administrators who have mastered the basic Solaris(TM) Operating System (OS) and who would like to read and understand the various boot scripts, and write their own scripts to automate their day-to-day tasks. This course explores, in detail, the Bourne and Korn shell scripting languages.

Målgruppe:

Delegates who can benefit from this course are system administrators.

Agenda:

- Develop and debug scripts
 - Use local and environmental variables and shell meta-characters in scripts
 - Customise system-wide shell initialisation files
 - Use regular expression characters with the grep, sed and nawk utilities
 - Write sed scripts to perform non-interactive editing tasks
 - Write nawk scripts to manipulate individual fields within a record
 - Write nawk scripts to write reports based upon an input file
 - Use the exit status of a command to determine if the command succeeded or failed
 - Access and process command-line arguments passed into a script
 - Develop a USAGE message to display when a script is invoked incorrectly
 - Use flow control constructs, such as branching and looping
 - Perform string manipulation and integer arithmetic on shell variables
 - Write a script that uses functions. Write a script that uses a trap to control the behaviour of scripts upon receipt of a signal
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Forudsætninger:

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

- Use basic UNIX(R) commands, such as rm, cp, man, more, mkdir, ps, and chmod
 - Create and edit text files in vi or a text editor
 - Understand the system boot process and proper shutdown procedures
 - Create users and passwords and set file permissions
 - Understand device-naming conventions to mount and unmount file systems
 - Use software package commands, such as pkgadd, pkgrm, and pkginfo
 - Note: These skills are typically acquired through attendance of the SA-119 and SA-239 courses.
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Yderligere Kurser:

SA-299: Advanced System Administration for the Solaris 9 Operating System

Flere Informationer:

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

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