

## **Solaris Course Content:35-40hours**

---

### Course Outline

#### **Introduction to UNIX**

- The history of UNIX
- Kernel
- Shell
- File System
- The network
- Distributed processing

#### **Client/Server Model**

- Time sharing vs. Central vs. Distributed
- Configurations

#### **Installing the Operating System**

- Introduction
- Client/Server relationship
- Solaris Installation Options
- Hardware Requirements
- Installation
- Booting with the DVD
- Configuring the workstation
- File Systems
- The final states
- The root password

#### **The Boot Process**

- SPARC bootstrap procedure
- /sbin/init Process

## The Contract Filesystem

- shutdown command
- init command
- halt command
- reboot command

## Reconfiguring the Kernel

- The kernel
- /kernel directory
- /platform directory
- /usr/kernel directory
- /etc/system file
- Kernel parameters

## Device Configuration and Naming

- About device drivers
- physical device names
- logical device names
- instance device names
- dmesg command
- format command
- prtconf command

## Configuring a Local File System

- Disk terminology
- Disk slices
- format Utility
- partition menu
- Viewing the VTOC
- mounting a file system

## Configuring a Network File System

- About NFS
- NFS Server tasks
- sharing and unsharing the file system
- NFS Server daemons
- NFS Client tasks
- mounting and unmounting

- NFS Client daemons

### **Configuring the Automounter**

- The Automounter
- The automount command
- The autofs filesystem
- The automountd daemon
- Master map
- Direct map
- Indirect map

### **Volume Manager**

- Volume management
- Access to diskettes
- Access to DVDs and CDs
- The vold daemon
- The /etc/vold.conf file

### **Backup and Recovery**

- Backups
- The ufsdump command
- Incremental backups
- The ufsrestore command
- Other archiving commands

### **Software Administration**

- Software administration
- How is a package added?
- Verification of a package
- How to remove a package

### **Device Administration**

- Peripherals
- Adding a new device
- Setting up terminals
- Setting up terminals with Solstice AdminSuite
- The sacadm command
- The ttyadm command

- The pmadm command

### User Administration

- Structure of a user account
- Where user accounts live
- Managing user and group accounts with the shell command line
- Managing user and group accounts With the SMC CGI
- Shell initialization files

### Security

- Common sense rules to security
- Restricted shells
- User status
- Restricted root access
- The /etc/default/su file
- Automated Security Enhancement Tool
- ASET security
- ASET tasks
- ASET reports
- ASET master files
- The aset command

### Name Services

- The Domain Name Service
- What is the Network Information Service?
- NIS maps
- What is NIS?

### Setting up NIS

- Setting up the NIS root master
- Setting up a NIS client
- Setting up an LDAP client

b1 Onlinetrainings