



Course 704 - Solaris 9 Administration: Part II (5 Days)

Solaris is an ideal server operating system. It does not require a GUI, it has low system overhead, it can work with open source or Solaris specific software solutions, and it can run every service, daemon, available. “Out of the box” distributions, however, are not tuned for running a server and each service has its own set of quirks. This course has the step-by-step procedures for building Solaris servers, with logging and security, useful in a mixed Unix, Linux, and Win32 (NT 4, Windows 2000, Windows XP) environment; interaction with Microsoft is covered. How to setup and integrate the following services are covered in the class: Samba, NFS, NIS, DNS with dynamic update, DHCP, LDAP, sendmail, and the services under inetd. Both the Solaris specific and open source solutions are explored.

Who should attend...

If you administer a Solaris workstation attached to a network, this course provides critical information on how to be a Solaris client or server. If you are a network administrator, this course shows you the capabilities of Solaris as a network server. If you are responsible for integration of Unix into you IT architecture, this course shows you how Solaris can solve architecture problems.

Outline of course subjects...

TCP/IP Setup

- Overview of TCP/IP Networking
- TCP/IP Setup on Solaris

Service Installation

- Non-inetd Service
- inetd Service
- Installing and Using xinetd Printing

DNS

- Server Setup
- Client Setup
- Secure Setup
- Integrating WINS

DHCP

- Whose to Use?
- Setting up the Server
- Setting up the Client
- Integration with DNS
- Interaction with Microsoft

LDAP

- What Can Be Managed
- Designing and Setting Up Servers
- Setting up the Clients
- Security of Data
- Using Solaris or ISC LDAP
- Integrations with Active Directory

Mail

- Overview of Mail
- Possible Mail Architectures
- Setting Up an Architecture with Sendmail

SSH

- Setting up the Service
- Setting up Keys
- Setting up a Keyserver
- Setting up a CA
- Setting up User Keys
- Port Shifting
- X Windows

Printing

- Setting up Local Printers
- Setting up Network Printers

NFS

- Server Setup
- Client Side Static Links
- Automounter
- WebNFS

NIS

- Why Still Used
- Setup and Usage
- Security Problems

Interaction with Microsoft

- Samba
- Microsoft Services for Unix