

Course 707: Solaris 10 Administration: Part II

Network & Server Administration

(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 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. How to setup and integrate the following services are covered in the class: Samba, NFS, NIS, DNS, DHCP, LDAP, sendmail, and the services under inetd and SMF. 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 your IT architecture, this course shows you how Solaris can solve architecture problems.

Prerequisites...

Understanding of basic system commands, such as cp, mkdir, and ps. Attendees should have knowledge equivalent to the level covered in course 706, Solaris 10 Administration: Part I.

See next page for a detailed course outline...



Course Outline

TCP/IP For Administrators

- Understanding and Using IPv4
- Understanding IPv6

Static Setup

- Manually doing Name and IP Address Changes
- Using sys-unconfig

DNS

- Caching Server
- Slave Server
- Growing a Subdomain
- Introduction to Security

DHCP

- Server Side Setup of DHCP
- Client Side Setup of DHCP

Kerberos

- What is Kerberos
- Installing Kerberos
- Changing Logins to Kerberos
- Using Kerberized Protocols

Mail

- Simple Mail
- Using a Mail Host
- Client Side Mail

Remote Access

- Traditional R* Commands
- R* and Kerberos
- ssh



NFS 4

- Server side NFS
- Adding Security for NFS
- zsh and NFS
- Versions 2 and 3

NIS

- What is a NIS
- Why is it Still Around
- Setup and Using NIS

LDAP

- Understanding LDAP
- Simple LDAP Setup
- Comparison with Active Directory

SMB

- What is SMB?
- What is SAMBA?
- How to Setup and Use SAMBA

Installing Solaris 10

- Simple Jumpstart Disk
- Jumpstart with Data on the LAN
- Creating and Customizing a Flash Archive
- Installing Using a Flash Archive
- Jumpstart from a WAN boot

Please contact your ROI representative to discuss course tailoring!!!