

Solaris Network Administration

Course Overview

The Solaris Network Administration course is for users who have attended the Solaris System Administration Part 1 & 2 courses and require to perform Solaris network administration tasks. The delegate will learn how to set up IP routing, the Domain Name Service, Dynamic Host Configuration Protocol services, IP version 6, configuring IP Filter Firewall and the Network Time Protocol.

On completion of the course, delegates will have covered all topics essential for the *Sun Certified Network Administrator* exam.

Who should attend

Users who have attended the Solaris Administration Part 1 & 2 courses and require to administer the network services of a SPARC or Intel based Solaris machine.

Course Topics

- **Introducing TCP/IP Model**
network protocols; TCP/IP model;
- **Local Area Networks**
Bus, star, ring & vlan topologies; hubs, bridges & switches.
- **Ethernet Interfaces**
CSMA.CD; Full/half duplex; MAC addresses; Ethernet frames; commands.
- **ARP & RARP**
Purpose & operation of ARP/RARP.
- **Configuring IP**
IP address types; subnetting; configuration files.
- **Configuring Multipathing**
Configuration Files; command line; troubleshooting.
- **Routing**
Static; dynamic; route tables; config files; CIDR; RDISC.
- **IPv6**
IPv6 addressing; Auto-configuration; IPv6 routing.
- **DNS**
BIND; configuration files; configuring primary & secondary servers; security.
- **DHCP**
Server & client functions; static & dynamic DHCP; DHCP with JumpStart.
- **NTP**
Configuring NTP server & clients; troubleshooting.
- **IP Filter Firewall**
Configure IP Filter Firewall