

Advanced System Administration for the Solaris 10 Operating System (SA-202-S10)

Course Content

Module 1 - Describing Interface Configuration

- Control and monitor network interfaces
- Configure Internet Protocol Version 4 (IPv4) interfaces at boot time

Module 2 - Describing the Client-Server Model

- Describe client-server processes
- Start server processes

Module 3 - Customizing the Solaris Management Console

- Describe the Solaris Management Console toolbox editor actions
- Use the Solaris Management Console toolbox editor

Module 4 - Managing Swap Configuration

- Describe virtual memory
- Configure swap space

Module 5 - Managing Crash Dumps and Core Files

- Manage crash dump behavior
- Manage core file behavior

Module 6 - Configuring NFS

- Describe the benefits of NFS
- Describe the fundamentals of the NFS distributed file system
- Manage an NFS server
- Manage an NFS client
- Enable the NFS server logging
- Manage NFS with the Solaris Management Console storage folder tools
- Troubleshoot NFS errors

Module 7 - Configuring AutoFS

- Describe the fundamentals of the AutoFS file system
- Use automount maps

Module 8 - Describing RAID and the Solaris Volume Manager Software

- Describe RAID
- Describe Solaris Volume Manager software concepts

Module 9 - Configuring Solaris Volume Manager Software

- Describe Solaris Volume Manager software concepts
- Build a RAID-0 (concatenated) volume
- Build a RAID-1 (mirror) volume for the root (/) file system

Module 10 - Configuring Role-Based Access Control (RBAC)

- Describe RBAC fundamentals
- Describe component interaction within RBAC
- Manage RBAC by using the Solaris Management Console
- Manage RBAC by using the command line

Module 11 - Configuring System Messaging

- Describe the fundamentals of the syslog function
- Configure the /etc/syslog.conf file
- Configure syslog messaging
- Use the Solaris Management Console log viewer

Module 12 - Using Name Services

- Describe the name service concept
- Describe the name service switch file /etc/nsswitch.conf
- Describe the name service cache daemon (nscd)
- Get name service information

Module 13 - Configuring Name Service Clients

- Configure a DNS client
- Configure an LDAP client

Module 14 - Configuring the Network Information Service (NIS)

- Describe NIS fundamentals
- Configure the name service switch file
- Describe NIS security
- Configure an NIS domain
- Build custom NIS maps
- Troubleshoot NIS

Module 15 - Introduction to Zones

- Identify the different zones features
- Understand how and why zone partitioning is used
- Configure zones
- Install zones
- Boot zones

Module 16 - Describing the Custom JumpStart Configurations

- Describe the JumpStart configurations
- Implement a basic JumpStart server
- Set up JumpStart software configuration alternatives
- Troubleshoot the JumpStart configurations
- Configure a naming service to support JumpStart

Module 17 - Performing a Flash Installation

- Describe the Flash installation feature
- Manipulate a Flash archive
- Use a Flash archive for installation
- WANboot Flash installation