

System Administration - Solaris 10 Operating System, Part 2 (SA-202-S10)

Course Content

Module 1 - Managing Swap Configuration

Configure swap space

Module 2 - Managing Crash Dumps and Core Files

Manage crash dump behavior
Manage core file behavior

Module 3 - 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 4 - Configuring AutoFS

Describe the fundamentals of the AutoFS file system
Use automount maps

Module 5 - Describing RAID

Describe RAID

Module 6 - 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 7 - 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 8 - 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 9 - 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 10 - Configuring Name Service Clients

- Configure a DNS client
- Configure an LDAP client

Module 11 - Introduction to Zones

- Identify the different zones features
- Understand how and why zone partitioning is used
- Configure zones
- Install zones
- Boot zones
- Move a zone
- Migrate a zone
- Delete a zone
- Administer packages with zones
- Upgrade the Solaris 10 OS with installed zones
- Use 1x Branded Zones

Module 12 - Introduction to LDAP

- Understand the use of LDAP as a naming service
- Describe basic LDAP concepts and terminology
- Identify the Directory Server Enterprise Edition requirements
- Identify Solaris LDAP Client requirements

Module 13 - Configuring JumpStart Installation Using the Solaris 10 Operating System

- Describe the JumpStart configurations
- Implement a basic JumpStart server for SPARC® and x86/x64 clients
- Describe booting x86/x64 systems using the Preboot Execution Environment (PXE)
- Set up a DHCP server to support x86/x64 JumpStart clients
- Set up JumpStart software configuration alternatives
- Set up JumpStart to create a ZFS mirrored root pool
- Troubleshoot JumpStart configurations

Module 14 - Performing Live Upgrade Using the Solaris 10 Operating System

- Describe the benefits of using Live Upgrade
- Describe the Solaris Live Upgrade process
- Describe Solaris Live Upgrade requirements
- Identify the Solaris Live Upgrade commands
- Create an alternate boot environment cloned from a running system
- Create a differential flash archive in a Live Upgrade boot environment
- Modify the state of the new boot environment
- Extend a base boot environment with a differential flash archive
- Use Live Upgrade to patch a system
- Using JumpStart to implement a Live Upgrade environment