

Describe Network Basics

- Explain how to use network files to configure and test the IPV4 interfaces.
- Explain how to start server processes within a client-server model.

Manage Virtual File Systems and Core Dumps

- Explain when and how to add and remove swap space.
- Given a crash dump scenario, change the crash dump and core file configuration.
- Identify the appropriate commands and procedures to manage files; list, start and stop daemons; and manage utilities on NFS servers and clients.
- Explain how to enable NFS server logging, and how to configure nfslogd behavior.
- Given a problem scenario and resulting NFS error message, infer causes and select an appropriate course of action to resolve the problem.
- Explain how to configure AutoFS using automount maps.

Manage Storage Volumes

- Explain the purpose, features, and functionalities of RAID, and identify the guidelines to follow when using RAID 0, RAID 1, and RAID 5, including hardware considerations.
- Define key SVM concepts, including volumes and state databases.

Control Access and Configure System Messaging

- Explain how to display and set Access Control Lists (ACLs) using the command line and create default ACLs.
- Explain fundamental concepts of role-based access control (RBAC), including rights, roles, profiles, authorizations, administrator profile shells, and RBAC databases.

- Explain how to build user accounts, rights profiles, and their role when managing RBAC.
- Describe the fundamentals of the syslog function including the `etc/syslog.conf` file and the relationship between `syslogd` and `m4` macro processor.
- Explain how to configure system messaging, including configuring the `/etc/syslog.conf` file, modifying the `inetd` process and using the `logger` command.

Set Up Naming Services

- Describe naming service concepts, and explain how to use the naming service switch file, the Name Service Cache Daemon (NSCD), and the `getent` command to get naming service information.
- Given a description of a naming service client, identify the steps and commands to configure the DNS client and set up the LDAP client.
- Explain the purpose, features, and functions of NIS namespace information, domains, and daemons.
- Explain how to configure the name service switch for different lookups, and configure a NIS domain using the required maps, files, commands, and scripts.
- Explain how to build custom NIS maps.

Perform Advanced Installation Procedures

- Explain the purpose, features, and functionality of the Jumpstart software, including boot services, identification services, configuration services, and installation services.
- Given a scenario, explain the procedures, scripts, and commands to implement a Jumpstart server.
- Given a scenario describing Jumpstart software configuration alternatives, explain how to establish a boot-only server, identification service alternatives, configuration service alternatives, and installation service alternatives.
- Given scenarios involving Jumpstart software problems with booting, identification, configuration, install, or begin/finish scripts, analyze and select a course of action to resolve the problem.
- Explain how to use the Flash installation feature, and describe the requirements and limitations of this feature.
- Explain how to create and use a Flash archive and how to use a Flash archive for installation with Webstart, interactive install, and the Jumpstart software.

