

LINUX FOUNDATION CERTIFIED SYSTEM ADMINISTRATOR DOMAINS & COMPETENCIES

Local system administration

- ❑ Creating backups
- ❑ Creating local user groups
- ❑ Managing file permissions
- ❑ Managing fstab entries
- ❑ Managing local users accounts
- ❑ Managing the startup process and related services
- ❑ Managing user accounts
- ❑ Managing user account attributes
- ❑ Managing user processes
- ❑ Restoring backed up data
- ❑ Setting file permissions and ownership

Local security

- ❑ Accessing the root account
- ❑ Using sudo to manage access to the root account

Shell scripting

- ❑ Basic bash shell scripting

Software management

- ❑ Installing software packages



Command-line

- ❑ Editing text files on the command line
- ❑ Manipulating text files from the command line

Filesystem & storage

- ❑ Archiving and compressing files and directories
- ❑ Assembling partitions as LVM devices
- ❑ Configuring swap partitions
- ❑ File attributes
- ❑ Finding files on the filesystem
- ❑ Formatting filesystems
- ❑ Mounting filesystems automatically at boot time
- ❑ Mounting networked filesystems
- ❑ Partitioning storage devices
- ❑ Troubleshooting filesystem issues