

Linux User Management Quiz

Topics: Local users and groups, sudo, user files, basic commands

Part A: Multiple Choice

1. Which file stores encrypted user passwords on a modern Linux system?
 - a) /etc/passwd
 - b) /etc/shadow
 - c) /etc/group
 - d) /etc/sudoers
2. What command shows your current username?
 - a) id
 - b) whoami
 - c) groups
 - d) passwd
3. Which command is used to switch to another user?
 - a) sudo
 - b) su
 - c) switch
 - d) login
4. The primary group of a user is:
 - a) The group with GID 0
 - b) The group defined in /etc/passwd
 - c) Always root
 - d) Any temporary group
5. Which file controls sudo access?
 - a) /etc/passwd
 - b) /etc/shadow
 - c) /etc/sudoers
 - d) /etc/group

Part B: True / False

6. The passwd command can change another user's password if run with sudo.
7. Users can belong to multiple secondary groups.
8. Deleting a user with userdel automatically deletes their home directory.
9. Service users are typically used for login purposes.
10. The groups command shows both primary and secondary groups of a user.

Part C: Practical / Command Questions

11. Add a new user called **student** with home directory **/home/student**.
12. Change the password for user **professor**.
13. Add user **student** to group **developers**.
14. List all users on the system using a file command.
15. Show which groups the current user belongs to.

Answer Key

1. b) /etc/shadow
2. b) whoami
3. b) su
4. b) The group defined in /etc/passwd
5. c) /etc/sudoers
6. True
7. True
8. False (use userdel -r to remove home directory)
9. False
10. True
11. sudo useradd -m -d /home/student student
12. sudo passwd professor
13. sudo usermod -aG developers student
14. cat /etc/passwd
15. groups or id