

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