

## QUESTION EASY (Q1–Q10)

**Q1.** Which file stores basic user account information?

- A. /etc/shadow
- B. /etc/group
- C. /etc/passwd
- D. /etc/login.defs

**Q2.** Which command displays the current user name?

- A. who
- B. whoami
- C. users
- D. id

**Q3.** Which command creates a new group?

- A. useradd
- B. groupadd
- C. newgrp
- D. groupmod

**Q4.** Which command deletes a user account?

- A. userdel
- B. userrm
- C. deluser
- D. removeuser

**Q5.** Which file stores encrypted user passwords?

- A. /etc/passwd
- B. /etc/group
- C. /etc/shadow
- D. /etc/security

**Q6.** Which command changes a user's primary group?

- A. useradd
- B. groupadd
- C. usermod
- D. groupmod

**Q7.** Which UID is reserved for the root user?

- A. 1
- B. 10
- C. 100
- D. 0

**Q8.** Which command shows group membership of a user?

- A. groups

- B. id
- C. who
- D. login

**Q9.** Which directory is the default home directory for new users?

- A. /root
- B. /usr
- C. /home
- D. /var

**Q10.** Which command locks a user password?

- A. passwd -u
  - B. passwd -l
  - C. passwd -e
  - D. passwd -d
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## MEDIUM (Q11–Q25)

**Q11.** Which file maps group names to GIDs and members?

- A. /etc/passwd
- B. /etc/shadow
- C. /etc/group
- D. /etc/gshadow

**Q12.** Which command removes a user and their home directory?

- A. userdel
- B. userdel -r
- C. usermod -d
- D. deluser

**Q13.** Which command temporarily switches the current group?

- A. su
- B. newgrp
- C. groupadd
- D. login

**Q14.** Which field in /etc/passwd specifies the login shell?

- A. 5th
- B. 6th
- C. 7th
- D. 8th

**Q15.** Which command modifies supplementary groups of a user?

- A. groupadd

- B. useradd
- C. usermod -G
- D. usermod -g

**Q16.** Which file contains secure group administration data?

- A. /etc/group
- B. /etc/gshadow
- C. /etc/shadow
- D. /etc/security

**Q17.** Which command displays password aging details?

- A. passwd -S
- B. chage -l
- C. loginctl
- D. usermod -p

**Q18.** Which option with useradd specifies the home directory?

- A. -d
- B. -h
- C. -m
- D. -s

**Q19.** Which command sets the default shell for a user?

- A. passwd
- B. chsh
- C. usermod
- D. login

**Q20.** Which file controls default user creation parameters?

- A. /etc/passwd
- B. /etc/group
- C. /etc/login.defs
- D. /etc/profile

**Q21.** Which GID range is typically reserved for system groups?

- A. 0–99
- B. 100–999
- C. 1000+
- D. 65535

**Q22.** Which command deletes a group?

- A. groupadd
- B. groupmod
- C. groupdel
- D. newgrp

**Q23.** Which file lists users currently logged in?

- A. /etc/passwd
- B. /var/log/wtmp
- C. /var/log/secure
- D. /etc/shadow

**Q24.** Which command shows last login information?

- A. last
- B. whoami
- C. users
- D. loginctl

**Q25.** Which shell file executes for all users at login?

- A. ~/.bashrc
  - B. ~/.profile
  - C. /etc/profile
  - D. /etc/bashrc
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## **HARD (Q26–Q40)**

**Q26.** Why is /etc/shadow permission restricted?

- A. Reduce disk usage
- B. Improve login speed
- C. Protect password hashes
- D. Simplify user access

**Q27.** Which scenario best requires supplementary groups?

- A. Single-user system
- B. Shared resource access
- C. Root-only access
- D. System boot

**Q28.** Which command enforces account expiration?

- A. passwd
- B. chage
- C. usermod
- D. loginctl

**Q29.** Which security risk exists if unused accounts are not removed?

- A. Disk fragmentation
- B. Privilege escalation
- C. Kernel panic
- D. Network congestion

**Q30.** Which field in `/etc/passwd` defines user UID?

- A. 1st
- B. 2nd
- C. 3rd
- D. 4th

**Q31.** Which file maintains historical login records?

- A. `/var/log/secure`
- B. `/var/log/messages`
- C. `/var/log/wtmp`
- D. `/etc/passwd`

**Q32.** Which practice improves user management security?

- A. Shared user accounts
- B. Regular auditing of users
- C. Root-only login
- D. Disable logging

**Q33.** Why are system users created with non-login shells?

- A. Improve performance
- B. Prevent interactive logins
- C. Reduce memory usage
- D. Enable automation

**Q34.** Which command assigns a user to multiple groups while preserving existing ones?

- A. `usermod -g`
- B. `usermod -G`
- C. `usermod -aG`
- D. `groupmod`

**Q35.** Which mechanism integrates Linux user authentication centrally?

- A. `/etc/passwd`
- B. Local shadow file
- C. LDAP
- D. BIOS

**Q36.** Which file is consulted first during authentication?

- A. `/etc/shadow`
- B. `/etc/group`
- C. `/etc/passwd`
- D. `/etc/login.defs`

**Q37.** Which option prevents user home directory creation?

- A. `useradd -m`
- B. `useradd -d`

- C. useradd -M
- D. useradd -s

**Q38.** Why should default shells be restricted?

- A. Faster boot
- B. Reduce disk space
- C. Prevent shell abuse
- D. Improve GUI performance

**Q39.** Which command safely changes group ownership of files?

- A. chmod
- B. chgrp
- C. chown
- D. setfacl

**Q40.** Which principle ensures users receive only required permissions?

- A. Maximum privilege
- B. Role sharing
- C. Least privilege
- D. Root enforcement