

Linux System & Filesystem Quiz

1. What file contains the operating system name and version?
2. Which command displays how long the system has been running?
3. What command is used to display the system date and time?
4. What does the command 'hostname -i' display?
5. How can you change the hostname permanently in Linux?
6. Which command shows detailed kernel version and system architecture?
7. What is the output of 'uname -r'?
8. Which command provides CPU architecture and hardware info?
9. Which command shows available and used memory in megabytes?
10. Which command shows disk usage in human-readable format?
11. Which command shows all network interfaces and IP addresses?

12. What is the purpose of the command 'pwd'?

13. What does 'ls -l' display?

14. How does 'ls -ld' differ from 'ls -l'?

15. What does 'ls -il' display?

16. Which directory contains configuration files?

17. Which Linux directory is known to grow because of logs?

18. Which of the following is typically found in /boot?

19. What is stored in the /home directory?

20. Which of the following is true about /dev?

ANSWERS

- 1- Answer: /etc/os-release
- 2- Answer: uptime
- 3- Answer: date
- 4- Answer: The system's IP address
- 5- Answer: hostnamectl set-hostname newname
- 6- Answer: uname -a
- 7- Answer: Kernel version
- 8- Answer: lscpu
- 9- Answer: free -m
- 10- Answer: df -h
- 11- Answer: ip a
- 12- Answer: Prints working directory
- 13- Answer: File permissions and ownership
- 14- Answer: Displays directory metadata only
- 15- Answer: Inode numbers
- 16- Answer: /etc
- 17- Answer: /var
- 18- Answer: initrd, vmlinuz
- 19- Answer: User files and personal settings
- 20- Answer: Contains device files like sda, tty, and sr0