

## 📖 EASY (Q1–Q10)

**Q1.** Which command is used to display network interfaces in modern Linux systems?

- A. ifconfig
- B. ip addr
- C. route
- D. arp

**Q2.** Which file traditionally stores static IP configuration?

- A. /etc/hosts
- B. /etc/network/interfaces
- C. /etc/resolv.conf
- D. /etc/services

**Q3.** Which service manages printing in Linux?

- A. LPD
- B. SAMBA
- C. CUPS
- D. NFS

**Q4.** Which port does CUPS use by default?

- A. 21
- B. 25
- C. 80
- D. 631

**Q5.** Which command displays routing table information?

- A. ip link
- B. ip route
- C. ip neigh
- D. ss

**Q6.** Which protocol is commonly used for network printing?

- A. FTP
- B. IPP
- C. SMTP
- D. SNMP

**Q7.** Which command tests network connectivity?

- A. traceroute
- B. ping
- C. netstat
- D. ss

**Q8.** Which file maps hostnames to IP addresses locally?

- A. /etc/hosts

- B. /etc/hostname
- C. /etc/resolv.conf
- D. /etc/network

**Q9.** Which command lists available printers?

- A. lp
- B. lpr
- C. lpstat
- D. cupsctl

**Q10.** Which daemon handles print jobs?

- A. lpd
- B. cupsd
- C. printd
- D. spoold

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## ☐ **MEDIUM (Q11–Q25)**

**Q11.** Which command enables a network interface?

- A. ip route add
- B. ip link set up
- C. ifdown
- D. nmcli off

**Q12.** Which configuration file defines DNS servers?

- A. /etc/hosts
- B. /etc/resolv.conf
- C. /etc/services
- D. /etc/network/interfaces

**Q13.** Which NetworkManager tool is CLI-based?

- A. nm-applet
- B. nmtui
- C. nmcli
- D. networkctl

**Q14.** Which printing command submits a file to the printer queue?

- A. lpstat
- B. lp
- C. cupsctl
- D. cancel

**Q15.** Which command cancels a print job?

- A. lp

- B. lpr
- C. cancel
- D. lpadmin

**Q16.** Which service must be running for printing to work?

- A. lpd
- B. systemd
- C. cupsd
- D. avahi

**Q17.** Which command configures a printer in CUPS?

- A. lp
- B. lpstat
- C. lpadmin
- D. cupsctl

**Q18.** Which protocol does CUPS use for printer discovery?

- A. FTP
- B. SNMP
- C. Avahi/mDNS
- D. SMTP

**Q19.** Which command displays active network connections?

- A. netstat -an
- B. ss -tuln
- C. ip addr
- D. ping

**Q20.** Which file stores persistent hostname?

- A. /etc/hosts
- B. /etc/hostname
- C. /etc/resolv.conf
- D. /etc/network

**Q21.** Which command restarts network services in systemd-based systems?

- A. service network restart
- B. systemctl restart network
- C. systemctl restart NetworkManager
- D. restart network

**Q22.** Which option allows CUPS web interface access?

- A. cupsctl --enable
- B. cupsctl --remote-admin
- C. lpadmin --web
- D. cupsd --web

**Q23.** Which tool configures firewall rules for CUPS access?

- A. iptables
- B. firewalld
- C. ufw
- D. All of the above

**Q24.** Which protocol is used for file sharing with Windows printers?

- A. NFS
- B. FTP
- C. SMB/CIFS
- D. AFP

**Q25.** Which command shows printer status and queues?

- A. lp
- B. lpr
- C. lpstat -t
- D. cupsctl

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## **HARD (Q26–Q40)**

**Q26.** Why is IP addressing configuration critical in enterprise networks?

- A. Improves GUI
- B. Reduces disk usage
- C. Ensures connectivity and routing
- D. Enhances printing speed

**Q27.** Which command persistently configures IP using NetworkManager?

- A. ip addr add
- B. ifconfig
- C. nmcli con mod
- D. route add

**Q28.** Which CUPS configuration file controls access permissions?

- A. printers.conf
- B. cups-files.conf
- C. cupsd.conf
- D. client.conf

**Q29.** Which scenario best justifies centralized print servers?

- A. Single printer
- B. Home user
- C. Enterprise environments
- D. Embedded systems

**Q30.** Which command allows sharing printers over the network?

- A. lp
- B. lpadmin
- C. cupsctl --share-printers
- D. lpstat

**Q31.** Which protocol ensures encrypted printing communication?

- A. LPD
- B. IPP over HTTPS
- C. FTP
- D. SNMP

**Q32.** Which network misconfiguration most commonly breaks printing?

- A. DNS typo
- B. Incorrect gateway
- C. Firewall blocking port 631
- D. Hostname mismatch

**Q33.** Which command displays neighbor table (ARP)?

- A. ip route
- B. ip neigh
- C. arp -a
- D. Both B and C

**Q34.** Why should CUPS access be restricted?

- A. Save memory
- B. Reduce CPU usage
- C. Prevent unauthorized printing
- D. Improve color quality

**Q35.** Which Linux service discovery protocol assists printer auto-detection?

- A. DHCP
- B. SNMP
- C. mDNS/Avahi
- D. LDAP

**Q36.** Which command sets a printer as default?

- A. lp
- B. lpstat
- C. lpadmin -d
- D. cupsctl

**Q37.** Which best practice improves network reliability?

- A. Static routing everywhere
- B. Regular network monitoring

- C. Disable logs
- D. Manual IP allocation

**Q38.** Which CUPS log file helps troubleshoot print issues?

- A. /var/log/messages
- B. /var/log/cups/error\_log
- C. /var/log/syslog
- D. /var/log/secure

**Q39.** Which network command traces packet path to destination?

- A. ping
- B. ss
- C. traceroute
- D. ip route

**Q40.** Which principle enhances secure network implementation?

- A. Open all ports
- B. Least privilege
- C. Disable authentication
- D. Flat networks