

Q1.5.1 – Quiz – Network Interface Management

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Seat 99 (Grade level 13)

Cyber Capstone

0. What are some common problems associated with user login issues?

- A. Issues related to file attributes such as ownership and timestamps.
- B. Difficulties users face when trying to access files in the wrong context.
- C. Problems with forgotten passwords, weak password policies, or password expiration.
- D. Problems like username/password issues, authentication methods, or account lockouts due to multiple failed login attempts.

Answer:

1. What is the primary purpose of the iproute2 utility in Linux?

- A. Managing user accounts
- B. Configuring and managing network interfaces
- C. Displaying system logs
- D. Managing storage devices

Answer:

2. Which command within iproute2 is used to display or change the IPv4 and/or IPv6 address of a network interface?

- A. ip link
- B. ip address
- C. ip route
- D. ip rule

Answer:

3. What does the ss command in iproute2 primarily provide information about?

- A. System logs
- B. User accounts
- C. Network interface configurations
- D. Socket statistics and network connections

Answer:

4. Which command is used to configure network interfaces in Linux, providing settings such as IP address, netmask, gateway, and DNS servers?

- A. ifconfig
- B. route
- C. hostname
- D. ifcfg

Answer:

5. What is the purpose of the arp command in Linux?

- A. Displaying system logs
- B. Viewing and manipulating the ARP cache
- C. Configuring network interfaces
- D. Managing routing tables

Answer:

6. Which directory in Linux is commonly used for saving network configurations, including scripts and configuration files for network interfaces?

- A. /etc/sysconfig/network-scripts/
- B. /home/user/network/
- C. /var/log/network/
- D. /etc/network-scripts/

Answer:

7. What does the nmtui command offer in Network Manager?

- A. Graphical user interface (GUI) for system logs
- B. Command-line interface for managing network interfaces
- C. GUI-based user interface for configuring network connections
- D. GUI for managing storage devices

Answer:

8. Which command provides a user-friendly view of network-related data in Network Manager's command-line interface?

- A. nmcli
- B. nmtui
- C. networkctl
- D. net-tools

Answer:

10. Which of the following tools are being phased out?

A. iproute2

B. network manager

C. net-tools

D. both A and B

Answer: