

R1.5.2 Quiz Name Resolution

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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 Name Service Switch (nsswitch) configuration file in Linux?
- A. Configuring DNS servers
 - B. Determining the order of lookup sources for various services
 - C. Managing registered domain names
 - D. Setting up hostnames

Answer:

2. Which file contains configuration information for the Domain Name System (DNS) resolver, specifying DNS servers to be used and other resolver settings?
- A. /etc/systemd.conf
 - B. /etc/hosts
 - C. /etc/nsswitch.conf
 - D. /etc/resolv.conf

Answer:

3. What is the purpose of the hostnamectl command in systemd?
- A. Querying and changing the system hostname and related settings
 - B. Configuring DNS resolver settings
 - C. Querying DNS resource records
 - D. Troubleshooting DNS-related issues

Answer:

4. Which utility, included in the Bind-utils package, is a command-line tool for querying DNS name servers and provides detailed information about DNS queries and responses?

- A. nslookup
- B. resolvectl
- C. dig (Domain Information Groper)
- D. host

Answer:

5. What is WHOIS used for in the context of domain name resolution?

- A. Querying databases for information about registered domain names and IP addresses
- B. Configuring DNS servers
- C. Troubleshooting DNS-related issues
- D. Changing system hostnames

Answer:

6. Which command-line tool is commonly used for querying DNS servers for information about domain names and IP addresses and is helpful for troubleshooting DNS-related issues?

- A. host
- B. nslookup
- C. dig
- D. resolvectl

Answer: