

# Lesson 4.2.1 - Network Resource Issues

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

1. What are some common network configuration issues, and how can they impact the efficiency, security, and reliability of a network?
2. How can subnetting problems be addressed to avoid IP address conflicts and maintain proper communication between devices?
3. What steps should be taken to correct routing errors and ensure data is directed along the correct paths in a network?

4. What are some potential consequences of misconfigurations in Virtual LANs (VLANs), and how can they be mitigated?
5. How can improper Dynamic Host Configuration Protocol (DHCP) settings impact network connectivity, and what steps can be taken to verify DHCP configurations?
6. What measures should be taken to address Domain Name System (DNS) configuration issues and maintain accurate name resolution in a network?
7. What are some common firewall issues, and how can they be corrected to ensure network security?

8. What types of interface errors can occur in networking, and how can they impact network reliability and performance?
9. What are some common issues related to bandwidth limitations in networks, and how can they be mitigated?
10. What are some key aspects of name resolution issues in networking, and how can they be addressed to ensure accurate and timely resolution of domain names to IP addresses and vice versa?