Assignment 9

Unit 11 - Week 3

Objective:

1. Understand the principles of network topology and its impact on network performance.

2. Be able to design and implement a network topology that meets specific requirements.

3. Analyze the advantages and disadvantages of different network topologies.

4. Comprehend the role of switching technologies in network architecture.

5. Understand the concept of virtual private networks (VPNs).

Questions:

1. Explain the differences between bus, star, and ring network topologies.

2. Discuss the advantages and disadvantages of each topology type.

3. Describe how switching technologies enhance network performance.

4. Explain the concept of virtual private networks (VPNs) and their importance.

5. How do you ensure network security in a virtual private network (VPN) environment?