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CHECKPOINT 1

Multiple Choice Challenge

Interactive Student Worksheet & Study Guide

Based on the VPN.com VPN Guide: <https://www.vpn.com/vpn/>

What Is a VPN Worksheet

Checkpoint 1: Multiple Choice Challenge

1 1. What is the primary function of a Virtual Private Network (VPN)?

- ☐ A. To increase internet browser rendering speed
- ☐ B. To encrypt data packets and mask your public IP
- ☐ C. To store website cookie databases locally
- ☐ D. To replace your physical computer hardware

2 2. What is network tunneling in the context of a VPN?

- ☐ A. Deleting duplicate network log files
- ☐ B. Installing local database storage files
- ☐ C. Sharing files with other local computers
- ☐ D. Encapsulating one network packet inside another secure packet

3 3. Which encryption standard is widely used to protect VPN traffic?

- ☐ A. Legacy DES encryption
- ☐ B. Modern AES-256 standard
- ☐ C. Plaintext base64 encoding
- ☐ D. Standard rot13 ciphering

4 4. Which component of your network traffic is encrypted by a VPN?

- ☐ A. Only local device network print jobs
- ☐ B. The physical ethernet cable routing path
- ☐ C. The entire data payload portion of the network packet
- ☐ D. Only your web browser search histories

5 5. What does the term 'encryption' mean in networking?

- ☐ A. Converting plaintext data into unreadable ciphertext
- ☐ B. Deleting old communication records
- ☐ C. Increasing your local bandwidth speed limits
- ☐ D. Sharing database access keys publicly