

## CSH6 Ch 32 (VPNs) Review Questions

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1. What do we call an encrypted tunnel that allows secure connections from a business server to an employee device such as a laptop computer or a smart phone?
2. What does the acronym `_IKE_` stand for in discussions of IPsec?
3. One of the most widely used methods in network security has the acronym RADIUS. What is the primary function that RADIUS serves?
4. What is an extranet?
5. What does the acronym UDP refer to in data communications?
6. At what point in the establishment and use of an encrypted VPN tunnel can an attacker begin a MIMA?
7. What is the key function of VPNs?
8. VPN client management should include
9. What kind of key-exchange and management does IPsec use?
10. What is/are (a) change from IKE to IKEv2?
11. What is IPsec?
12. What does the acronym TLS stand for in discussions of network security?
13. What is/are (a) change from IKE to IKEv2?
14. What does the acronym AH refer to in discussions of VPNs?
15. Which of the following mechanisms is used to verify the suitability of a device before allowing it to access a VPN?
16. (An) (I/i)mportant principle(s) in configuring encryption protocols for VPNs is/are
17. Which of the following assertions is/are correct with reference to IPsec?
18. Which of the following is/are (an) authentication method(s) when establishing VPN connectivity?
19. Why has secure remote access become accepted as a requirement in today's businesses?
20. What does the acronym `_VPN_` stand for in network security?
21. The primary method(s) for protecting the VPN device against hacking is/are
22. Which of the following protocols is the primary basis for HTTPS?
23. What does the acronym NAC refer to in data communications?
24. What does the acronym SSL stand for in discussion of network security?
25. What is the fundamental definition of a VPN?
26. What is the meaning of the acronym RADIUS in network security?
27. Which mode is IPsec using when it preserves the original IP header information while protecting payload integrity and confidentiality?
28. What is the meaning of the acronym LDAP in network security?
29. Which mode is IPsec using when it protects both header and payload integrity and confidentiality?
30. What does the acronym NAT refer to in data communications?

