Windows Firewall and Advanced Security utility   An utility that is used to configure Windows Firewall and IPsec rules.

Windows Internet Naming Service (WINS)   A system used to resolve computer NetBIOS names to IP addresses.

Windows Sockets (Winsock) user mode   An interface that supports communication between user applications such as a Web browser and the TCP/IP protocol.

Winsock Kernel (WSK)   An interface that supports communication between kernel mode software, such as clients and services, and the TCP/IP protocol.

Wired Equivalent Privacy (WEP)   A security protocol for wireless 802.11 networks that provides weak authentication methods in comparison to WPA. WEP uses preshared keys that attackers have been able to decipher without much difficulty. The use of WEP is discouraged where wireless security is a major consideration.

Wireless Access Point   A device that allows wireless devices to connect through it to a wired network.

work network   The location type that is used for trusted networks where limited security is required, for example, a small office.

Review Questions

1. Your computer is configured to obtain an IPv4 address and DNS server address automatically. What utility will help you to find the IPv4 address of your computer (pick two)?

   a. tracert

   b. ipconfig

   c. nslookup

   d. netsh

2. Which location type would be most appropriate to select when using your laptop computer to access the Internet by using a wireless hot spot at a tradeshow?

   a. Trusted network

   b. Untrusted network

   c. Domain network

   d. Private network

   e. Public network

3. _____ provides you with a way to control how your computer views other computers on the network and advertises its presence on the network.

   a. Windows Firewall

   b. SMB

   c. Network Discovery

   d. NDIS

   e. Network location

4. Your computer is configured to obtain an IPv4 address and DNS server address automatically. You are concerned that the IPv4 routing table is incorrect. What utility will display the IPv4 routing table (select three)?

   a. route

   b. netstat

   c. nslookup

    d. netsh

    e. route4

5. Which components are part of a Windows 7 network connection? (Choose all that apply.)

    a. clients

    b. services

    c. protocols

    d. network drivers

    e. cabling

6. Which protocol is used by the Client for Microsoft Networks and File and Printer Sharing for Microsoft Networks to communicate with each other and share files?

    a. FTP

    b. IPv4

    c. IPv6

    d. HTTP

    e. SMB

7. For a Class C IPv4 address what is the correct default subnet mask value, specified as either a dotted decimal address or a CIDR value? (Pick two)

    a. 255.0,0,0

    b. /24

    c. 255.255.255.0

    d. C::/24

    e. 255.255.256.0

8. Which of these addresses represents a valid IPv6 link-local address?

    a. 169.254.12.1

    b. ::1

    c. FE80::2cab:2a76:3f57:8499

    d. 2001:0:4137:9e74:2cab:2a76:3f57:8499

    e. FF::1:2

9. Which interface is responsible for controlling communication between network drivers and protocols?

    a. NDIS

    b. Winsock

    c. TDI

    d. WSK

10. Which IPv4 configuration options must be configured properly to communicate with Web sites on the Internet? (Choose all that apply.)

    a. IP address

    b. Subnet mask

    c. Default gateway

    d. DNS

    e. WINS