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**Exam** : **N10-005**

**Title** : Network + Certification Exam

**Vendor** : CompTIA

**Version** : DEMO

NO.1 Which of the following network topologies describes a network where each node is connected to multiple devices?

- A. Mesh
- B. Bus
- C. Star
- D. Ring

**Answer:** A

NO.2 Stateful packet inspection is a security technology used by which of the following devices?

- A. Unmanaged switch
- B. Hardware firewall
- C. Bridge
- D. IDS

**Answer:** B

Explanation:

With Stateful Packet Inspection (SPI), every time a packet is sent out of the computer, the firewall keeps track of it. When a packet comes back to the firewall, the firewall can tell whether or not the in-bound packet is a reply to the packet that was sent out. This way, the firewall can handle most network traffic safely without a complex configuration of firewall rules.

NO.3 A customer with a SOHO requires fast, secure, cost-effective access to the Internet. Which of the following would be the MOST appropriate solution? (Select TWO).

- A. OC3 line with built-in firewall
- B. DS3 line with a separate firewall
- C. Cable modem with a separate firewall
- D. Dial-up modem with separate firewall
- E. DSL router with firewall capabilities

**Answer:** C,E

NO.4 Which of the following uses port 23 by default?

- A. TELNET
- B. IMAP
- C. FTP
- D. SNMP

**Answer:** A

Explanation:

Telnet is a network protocol used on the Internet or local area networks to provide a bidirectional interactive text-oriented communication facility using a virtual terminal connection. User data is interspersed in-band with Telnet control information in an 8-bit byte oriented data connection over the Transmission Control Protocol (TCP).

NO.5 A user authenticated to more than one website using their same credentials is an example of:

- A. Multifactor authentication

- B. User access control
- C. Two-factor authentication
- D. Single sign-on

**Answer:** D

NO.6 An administrator notices that a computer on the network is unable to reach any of the servers by hostname. The computer has connectivity to the network and is able to ping all the devices by IP address. Which of the following can cause the error?

- A. The workstation has a duplicate IP address.
- B. The workstation has been assigned to the wrong VLAN.
- C. The workstation has the wrong gateway configured.
- D. The workstation has the wrong DNS configured.

**Answer:** D

NO.7 Which of the following is the unit used to transfer information at Layer 2 of the OSI model?

- A. Packet
- B. Socket
- C. Session
- D. Frame

**Answer:** D

NO.8 A company needs to implement a secure wireless system that would require employees to authenticate to the wireless network with their domain username and password. Which of the following would a network administrator deploy to implement these requirements? (Select TWO).

- A. 802.1q
- B. MAC address filtering
- C. WPA2 Personal
- D. WPA Enterprise
- E. 802.1x

**Answer:** D,E

NO.9 Which of the following network topologies is MOST likely used in remote access VPN?

- A. Point to Point
- B. Bus
- C. Ring
- D. Mesh

**Answer:** A

NO.10 A technician is troubleshooting a printing issue where some users in an office are unable to print. Which of the following should be the FIRST step in troubleshooting this issue?

- A. Reboot each of the workstations
- B. Ask users if anything changed in their environment recently
- C. Advise users to move to a different office

D. Power cycle the printer

**Answer:** B

NO.11 Which of the following connector types would be found with a VoIP system utilizing CAT6 cabling?

- A. SC
- B. RJ-45
- C. RJ-11
- D. BNC

**Answer:** B

Explanation:

The heavier wire in some Cat 6 cables makes them too thick to attach to standard 8P8C (RJ-45) connectors without a special modular piece

NO.12 Which of the following commands can a network technician use to check whether the DNS server for a given domain is reachable?

- A. nmap
- B. nbtstat
- C. dig
- D. arp

**Answer:** C

Explanation:

The command dig is a tool for querying DNS nameservers for information about host addresses, mail exchanges, nameservers, and related information. This tool can be used from any Linux (Unix) or Macintosh OS X operating system. The most typical use of dig is to simply query a single host.

NO.13 A technician has traced a POTS line to a 110 block. Which of the following devices would the technician MOST likely use to see if the line carries a dial tone?

- A. Toner Probe
- B. Punch Down Tool
- C. Protocol Analyzer
- D. Butt Set

**Answer:** D

NO.14 Which of the following network topologies is ONLY possible between two users?

- A. Star
- B. Client-server
- C. Hybrid
- D. Peer-to-peer

**Answer:** D

NO.15 Users have contacted the helpdesk stating that they have been having difficulties staying connected to the wireless network. They report that their laptops connect to one access point, drop

the connection and then connect to a different access point in a never-ending cycle. Which of the following would BEST remediate this?

- A. Reconfigure the access points from 802.11b to 802.11g.
- B. Establish procedures which limit user connections during peak hours.
- C. Configure the access points so that they all use different SSIDs.
- D. Move one or more access points, minimizing signal overlap.

**Answer:** D

NO.16 A technician is troubleshooting a computer that will not connect to the Internet. The PC is connected to the network. Which of the following tools should the technician use FIRST to understand the NIC configuration?

- A. Protocol analyzer
- B. ipconfig
- C. nslookup
- D. tracert

**Answer:** B

Explanation:

ipconfig is a command line utility available on all versions of Microsoft Windows starting with Windows NT. ipconfig is designed to be run from the Windows command prompt. This utility allows you to get the IP address information of a Windows computer. It also allows some control over active TCP/IP connections. ipconfig is an alternative to the older 'winipcfg' utility.

Topic 2, Volume B

NO.17 Which of the following properties of DHCP would a technician use to ensure an IP address is not leased out from the active scope?

- A. Reservations
- B. Lease times
- C. Removing IPs from the active leases
- D. Configuring the DNS options

**Answer:** A

Explanation:

Reservations are permanent lease assignments that are used to ensure that a specified client on a subnet can always use the same IP address. You can use DHCP reservations for hosts that require a consistent IP address, but do not need to be statically configured.

NO.18 A network administrator wants to perform a test to see if any systems are passing clear text through the network. Which of the following would be used?

- A. Social engineering
- B. Packet sniffing
- C. Rogue access point
- D. Man-in-the-middle

**Answer:** B