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# **Q&A**

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**Exam** : **N10-004**

**Title** : **CompTIA Network+ (2009  
Edition)**

**Version** : **Demo**

1.Which of the following can be configured to restrict specific ports and IP addresses from accessing the internal network? (Select TWO).

- A. Layer 2 switch
- B. MAC address filtering
- C. ACLs
- D. IIS server
- E. Port scanner
- F. Firewall

**Answer:** CF

2.Which of the following authentication solutions also provides AAA and uses TCP.?

- A. TACACS+
- B. Kerberos
- C. RADIUS
- D. RAS

**Answer:** A

3When the use of a smart card, pin number, and pass phrase is required to login to a system, which of the following types of authentication is being used?

- A. Single sign on
- B. PKI
- C. Two factor authentication
- D. Multi-factor authentication

**Answer:** D

4.Which of the following would be used to test out the security of a specific network by allowing it to receive security attacks?

- A. Honeynet
- B. Honeypot
- C. Vulnerability scanner
- D. Network based IDS

**Answer:** A

5.The protocols that use a three way handshake to transfer information can be found within which layer of the OSI model?

- A. Layer 2
- B. Layer 3
- C. Layer 4
- D. Layer 5

**Answer:** C

6.Which of the following metrics identifies the number of connections that is between two devices?

- A. Hop count
- B. MTU

- C. Latency
- D. Bandwidth

**Answer: A**

7.The network technician is troubleshooting a network issue by implementing a new security device. After installing and configuring the device, which of the following steps should the technician take NEXT?

- A. Verify full system functionality.
- B. Identify the main problem and question the user.
- C. Document their findings, actions, and outcomes.
- D. Escalate the issue to upper management.

**Answer: A**

8.Which of the following protocols is commonly used for VoIP technology?

- A. Telnet
- B. SMTP
- C. SIP
- D. SNMP

**Answer: C**

9.A network technician is troubleshooting a problem and has just established a plan of action to resolve the problem. Which of the following is the NEXT step in the troubleshooting methodology?

- A. Verify full system functionality and if applicable implement preventative measures.
- B. Implement the solution or escalate as necessary.
- C. Document findings, actions, and outcomes.
- D. Establish a theory of probable cause (e.g. question the obvious).

**Answer: B**

10.Which of the following ports is the default telnet port?

- A. 20
- B. 21
- C. 22
- D. 23

**Answer: D**

11.A bridge handles frames at which of the following layers of the OSI model?

- A. Network
- B. Session
- C. Transport
- D. Data Link

**Answer: D**

12.A company is about to install a second network connection with a new ISP. Which of the following routing protocols is the BEST choice?

- A. IS-IS

- B. BGP
- C. OSPF
- D. RIP

**Answer: B**

13. Which of the following layers of the OSI model maps to the Network Interface layer of the TCP stack? (Select TWO).

- A. Physical
- B. Session
- C. Data Link
- D. Network
- E. Transport

**Answer: AC**

14. A network technician is attempting to map a FQDN to an internal server at the address of 10.0.0.15 without NAT/PAT. Which of the following is the reason this will ultimately not work?

- A. This is a private address which cannot be seen by external users.
- B. The address does not have the appropriate subnet mask assigned.
- C. This is a public address which can only be seen by internal users.
- D. This is a private address which can only be seen by external users.

**Answer: A**

15. A network technician blocks access to ports 25, 110, and 143 on the firewall. Which of the following application services will be blocked due to this?

- A. Email sending and receiving
- B. Domain Name Service
- C. FTP access to external servers
- D. Remote desktop access

**Answer: A**

16. Which of the following is the broadcast address for a network defined as 192.168.0.0/24?

- A. 192.168.0.255
- B. 192.168.0.1
- C. 192.168.0.0
- D. 192.168.0.253

**Answer: A**

17. Which of the following ports would have to be allowed through a firewall to allow SNMP traffic to pass on its default port? (Select TWO).

- A. 22
- B. 23
- C. 143
- D. 161
- E. 162

F. 8080

**Answer:** DE

18.A network technician, working with a large business of 500 employees, decides to configure a server to handle IP addressing. Which of the following would BEST allow for this setup?

- A. Address routing protocol
- B. Port mirroring
- C. Static addresses
- D. DHCP addresses

**Answer:** D

19.A user is unable to access the company website on a laptop. A network technician verifies that the user can access other Internet pages. According to network troubleshooting methodology, which of the following steps should be taken NEXT?

- A. Remotely connect to the user's laptop and review the network configuration settings.
- B. Ping the web server from inside the network to ensure it is still up and running.
- C. Check to make sure the company's website is accessible from the Internet.
- D. Ensure the Ethernet cable is securely plugged into the user's laptop.

**Answer:** C

20.Which of the following is a reason to use dynamic DNS?

- A. The host IP address is not listed in the firewall.
- B. The host IP address is assigned by DHCP.
- C. Static routes cannot be used on the host network.
- D. A third-party certificate is being used.

**Answer:** B