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Q&A

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 indentifies 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