

Exam Number/Code : N10-004

Exam Name: CompTIA Network+
(2009 Edition)

Version : Demo

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QUESTION 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

QUESTION 2

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

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

Answer: A

QUESTION 3

When 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

QUESTION 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

QUESTION 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

QUESTION 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

QUESTION 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

QUESTION 8

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

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

Answer: C

QUESTION 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

QUESTION 10

Which of the following ports is the default telnet port?

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

Answer: D

QUESTION 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

QUESTION 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

QUESTION 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

QUESTION 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

QUESTION 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