

CompTIA N10-004

Network+ (2009 Edition)

Version: 12.0

Topic 1, Volume A**QUESTION NO: 1**

Which of the following would help a new administrator quickly determine if a network had a VLAN for its publicly accessible servers?

- A. Baselines
- B. Regulations
- C. Logical network diagrams
- D. Wiring schematics

Answer: C

Explanation:

QUESTION NO: 2

Keyword and blacklist filtering would be handled at which level in a network?

- A. Layer 2 managed switch
- B. DHCP server
- C. Hardware firewall
- D. Bridge

Answer: C

Explanation:

QUESTION NO: 3

A common technique used to prevent the unauthorized network devices from sending traffic across a network is port.

- A. spanning
- B. address translation
- C. mirroring
- D. authentication

Answer: D

Explanation:

QUESTION NO: 4

When installing two 802.11g access points in the same building, which of the following channels will MOST likely be used to minimize interference?

- A. 5 and 6
- B. 1 and 6
- C. 6 and 10
- D. 2 and 6

Answer: B

Explanation:

QUESTION NO: 5

Which of the following devices transmits timed broadcasts onto an active network?

- A. Bridge
- B. Unmanaged switch
- C. DHCP client
- D. Firewall

Answer: C

Explanation:

QUESTION NO: 6

Users are unable to stay connected to the company's wireless network. Several times throughout the day the users' signals are dropped and they are forced to reconnect to the network. A technician determines the network cabling that supplies the WAP has been run inside with several power lines. Which of the following is the MOST likely cause of the network issue?

- A. A short
- B. Open pairs
- C. ESD
- D. EMI

Answer: D

Explanation:

QUESTION NO: 7

Which of the following describes the location where an administrator would terminate a bundle of CAT5e cables?

- A. Switch
- B. Smart jack
- C. Router
- D. Patch panel

Answer: D

Explanation:

QUESTION NO: 8

Which of the following can be an STP cable?

- A. RG-6
- B. CAT5e
- C. Fiber
- D. RG-59

Answer: B

Explanation:

QUESTION NO: 9

Which of the following is used to identify active hosts along with their network addresses?

- A. Port scan
- B. Ping sweep
- C. IDS
- D. NIPS

Answer: B

Explanation:

QUESTION NO: 10

A section of the building has been having intermittent connectivity problems lately. An action plan and solution has been created. Which of the following steps would an administrator perform NEXT?

- A. Document the solution and process.
- B. Establish the most probable cause.
- C. Implement and test the solution.
- D. Identify additional symptoms and problems

Answer: C

Explanation:

QUESTION NO: 11

A web server is running correctly but sending a RST packet to any client trying to connect using HTTP on TCP port 80.

Which of the following tools should be used to determine the listening port of the web server?

- A. Route
- B. Ifconfig
- C. Netstat
- D. Nslookup

Answer: C

Explanation:

QUESTION NO: 12

Which of the following utilities can be used to list the routing table?

- A. ipconfig
- B. nslookup
- C. netstat
- D. dig

Answer: C

Explanation:

QUESTION NO: 13

Which of the following is a multifunction device in a SOHO network?

- A. Bandwidth shaper
- B. Proxy server
- C. Wireless router
- D. Load balancer

Answer: C

Explanation:

QUESTION NO: 14

At which of the following layers does the TFTP protocol operate?

- A. Layer 1
- B. Layer 4
- C. Layer 5
- D. Layer 7

Answer: D

Explanation:

QUESTION NO: 15

Which of the following is an EGP routing protocol?

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

Answer: C

Explanation:

QUESTION NO: 16

Which of the following is used by RADIUS to encrypt messages between the server and the client?

- A. Public key
- B. CSU/DSU
- C. Private key
- D. Shared secret

Answer: D

Explanation:

QUESTION NO: 17

Which of the following is the name of the routing update process involved when a change occurs in the routing environment?

- A. Supernetting
- B. Dynamic
- C. Subletting
- D. Convergence

Answer: D

Explanation:

QUESTION NO: 18

Which of the following is MOST commonly powered using PoE?

- A. Routers
- B. Switches
- C. Laptops
- D. Access points

Answer: D

Explanation:

QUESTION NO: 19

Which of the following should an administrator do after running a command from the console on the perimeter router?

- A. Update the configuration logs
- B. Update the network wiring schematics
- C. Update the network configuration procedures
- D. Compare the configuration with the baseline

Answer: A

Explanation:

QUESTION NO: 20

Which of the following features should an administrator configure to allow an IDS to watch the traffic on a switch?

- A. ARP spoofing
- B. VLAN
- C. Mirroring
- D. Spanning tree

Answer: C

Explanation:

QUESTION NO: 21

Which of the following utilities would be used to display a NIC's cache of MAC addresses?

- A. arp
- B. nslookup
- C. dig
- D. netstat

Answer: A

Explanation:

QUESTION NO: 22

Which of the following WAN technologies uses a telephone cable?

- A. POTS
- B. FDDI
- C. SONET
- D. Cable modem

Answer: A

Explanation:

QUESTION NO: 23

Which of the following is an intelligent repeater that is aware of the MAC addresses of the nodes on either side of the data link?

- A. Gateway
- B. Hub
- C. Bridge
- D. Router

Answer: C

Explanation:

QUESTION NO: 24

Which of the following security devices would MOST likely be used on a network to screen and prevent malicious traffic?

- A. IDS
- B. VPN
- C. NIPS
- D. HIDS

Answer: C

Explanation:

QUESTION NO: 25

At which of the following layers does the ICMP protocol operate?

- A. Layer 1
- B. Layer 3
- C. Layer 4
- D. Layer 5

Answer: B

Explanation:

QUESTION NO: 26

A user reports sporadic connectivity with their wireless connection. A technician determines the wireless speed reported by the laptop to be 1Mbps. Which of the following is the MOST likely cause of this issue?

- A. The client does not support 802.11n.
- B. Incorrect frequency on the client is being used.
- C. Incorrect encryption on the AP.
- D. The client distance from the AP.

Answer: D

Explanation:

QUESTION NO: 27

Which of the following are common VPN transports? (Select TWO)

- A. RDP
- B. VNC
- C. SSL
- D. PPTP
- E. RAS

Answer: A,C