



N10-004

(CompTIA Network+ (2009 Edition) Exam)

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Question: 1

In the OSI model, which of the following layers would be the cause of a session time-out while browsing the web?

- A. Layer 2
- B. Layer 3
- C. Layer 5
- D. Layer 7

Answer: C

Question: 2

A network technician is installing a small wireless network. A requirement is that individual users must authenticate using usernames and passwords. Which of the following technologies would support users authenticating with encrypted usernames and passwords?

- A. WPA TLS
- B. WPA PEAP
- C. 64-bit WEP
- D. 128-bit WEP

Answer: B

Question: 3

Which of the following is a topology used in networks for its scalability?

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

Answer: B

Question: 4

101. Which of the following cable types are the MOST widely used in a corporate gigabit network scheme?

- A. CAT5
- B. CAT6
- C. CAT1
- D. CAT3

Answer: B

Question: 5

A company needs the fastest data transfer speeds but also needs a cable type that is easy to install. Which of the following cable types would be the best choice?

data transfer
 Which of the

- A. CAT5e
- B. CAT1
- C. CAT6
- D. CAT3

Answer: A

Question: 6

Which of the following devices is most likely to cause network congestion?

own on network

- A. Gateway
- B. Hub
- C. Switch
- D. Repeater

Answer: C

Question: 7

A client wants to extend a network throughout the smart building with the least administrative effort.

running wires
 ed with the LEAST

- A. Install an 802.11n wireless network
- B. Install a mesh network
- C. Install a PoE switch
- D. Install a PoE switch

Answer: C

Question: 8

A user has a small network of four computers. They want to connect to a single cable modem. Which of the following devices would allow the user to do this?

- A. Four port switch
- B. Four port wireless router
- C. Four port WAP
- D. Four port hub

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Question: 9

A network device that connects two networks is a:

- A. hub.
- B. router.
- C. switch.
- D. bridge.

Answer: B

Question: 10

An RJ-11 connector has:

- A. 2
- B. 4
- C. 6
- D. 8

Answer: A

Question: 11

Which of the following is a standard for a network interface card (NIC)?

- A. 24bit
- B. 32bit
- C. 48bit
- D. 64bit

Answer: C

Question: 12

Which of the following is used to manage a network and the administration of the network?

- A. DNS
- B. ZEROCONF
- C. WINS
- D. SNMP

Answer: C

Answer: B

Question: 13

Which of the following is a physical interface problem?

- A. Serial
- B. Loopback
- C. Rollover
- D. Console

Identify a physical

Answer: B

Question: 14

Which of the following protocols is used to monitor network devices?

- A. SMTP
- B. LDAP
- C. SMB
- D. SNMP

monitor network

Answer: D

Question: 15

Which of the following is a T1 line?

- A. T1
- B. T2
- C. T3
- D. T5

Answer: C

Question: 16

A technician wants to remotely access a server via a remote desktop. The technician needs to do this in a secure manner. Which of the following would accomplish this?

- A. VPN
- B. Tagged packets
- C. VLAN
- D. Telnet

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- C. Change the CAT3 cable to RG-58 cable.
- D. Change the CAT5 cable to a CAT5 Crossover cable.

Answer: B

Question: 21

Which of the following is a characteristic of a peer-to-peer network environment?

- A. Allows the administrator to manage the network
- B. Allows the user to manage the network
- C. Allows the client to manage the network
- D. Allows granular control of network resources

in an enterprise

to the Internet

Answer: D

Question: 22

Which of the following is the command used to display the corresponding IP address for a given MAC address and the interface it is associated with?

- A. arp
- B. nslookup
- C. tracert
- D. ipconfig

to the MAC address and the

Answer: A

Question: 23

Which of the following is the protocol used to monitor the Internet connectivity of the Internet router?

- A. SLIP
- B. SMTP
- C. SMTP
- D. SNMP

must be notified if the router is down. It is good to monitor this

Answer: D

Question: 24

A second network card in a server that activates if the primary card fails is an example of which of the following network performance optimization?

- A. Load balancing
- B. QoS

- C. High availability
- D. Fault tolerance

Answer: D

Question: 25

Which of the follow

- A. 2.4GHz
- B. 4.9GHz
- C. 5GHz
- D. 54GHz

Answer: C

Question: 26

Which of the follow

- A. 44.74Mbps
- B. 51.84Mbps
- C. 155.52Mbps
- D. 622.08Mbps

-3 line?

Answer: C

Question: 27

Which of the follow

- A. Ease of installa
- B. Uses a more du
- C. Faster transmis

?

Answer: D

Question: 28

Which of the following is an advantage of Base-FX?

- A. Longer cable runs
- B. Faster transmission speeds
- C. Can be used in a topology
- D. Uses a more flexible cable



Answer: D

Question: 29

Which of the following is used to connect to a remote server over VPN?

- A. SSH
- B. PPTP
- C. HTTPS
- D. PPP

over VPN?

Answer: B

Question: 30

100Base-TF uses which of the following Ethernet implementations?

- A. Ethernet implementation
- B. Ethernet implementation
- C. Ethernet implementation
- D. Ethernet implementation

Answer: A

Question: 31

Which of the following Ethernet standards is most expensive?

- A. 1000Base-SX
- B. 1000Base-CX
- C. 1000Base-T
- D. 1000Base-LX

at a greater

Question: 32

The below output is from a network administrator's command prompt. Which of the following commands would the administrator use to view the output?
AddressForeign AddressLocal
COMPUTER1:1089172.30.0.5:1089172.30.0.5:389ESTABLISHED TCP

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

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Answer: B

Question: 33

The below output is from the command `arp -a`. Which Internet AddressPhysical Address interface
172.30.0.25400-30-4

- A. netstat
- B. arp
- C. nbtstat
- D. ping

172.30.0.104 --- 0x2
 Dynamic

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Answer: B

Question: 34

A technician is troubleshooting a network. The technician determines that the network resources are not accessible. Which of the following is the most likely cause of the problem?

- A. The installed network drivers are outdated.
- B. The link lights on the network interface card are not lit.
- C. The link lights on the network interface card are lit.
- D. The link lights on the network interface card are not lit.

for network. The network resources.

Answer: C

Question: 35

A user reports that they cannot access shared folders that are unknown to them. Which of the following is the most likely cause of the problem?

- A. The user is not a member of the local administrators group.
- B. The user is not a member of the local users group.
- C. The user is not a member of the local network group.
- D. The user is not a member of the local system group.

access shared folders. Which of the following is the most likely cause of the problem?

Answer: C

Question: 36

Which of the following network devices is used to filter traffic based on rules that have been configured for it?

- A. Layer 2 switch
- B. Firewall
- C. Hub
- D. Bridge

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Question: 37

Which of the follow

- A. UDP
- B. SPX
- C. TCP
- D. IP

Answer: B

Question: 38

Which of the follow
 block all UDP traffic

- A. The Internet
- B. A server databa
- C. A VoIP device
- D. A network print

Answer: C

Question: 39

Which of the follow
 FQDN instead of the

- A. DNS
- B. FTP

Answer: C

Question: 40

Which of the following is a utility that can be used to access its physical network address?

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

Answer: A

Answer: C

Question: 41

Which of the following commands is used to resolve a host address to its IP address?

- A. rarp
- B. nslookup
- C. netstat
- D. ping

address to its IP

Answer: A

Question: 42

When using the ping command, which option is used to stop the command from running indefinitely?

- A. ping -s 3
- B. ping -t
- C. ping -a
- D. ping -r 3

stopped?

Answer: B

Question: 43

Which of the following commands is used to renew a DHCP lease?

- A. /displaydns
- B. /renew
- C. /all
- D. /release

is obtained?

Question: 44

Which of the following services is used to provide Internet access to users on a LAN?

- A. A DC server
- B. A proxy server
- C. A DNS server
- D. A DHCP server

that users on a LAN

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Answer: B

Question: 45

Which of the following causes the most significant drop-off in a wireless G network?

- A. Cellular interference
- B. FM Radio
- C. Cordless phone
- D. AM Radio

...n drop-off in a

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Answer: C

Question: 46

Which of the following is the most effective against zero-day attacks?

- A. Update antivirus
- B. MAC filtering
- C. Effective security
- D. User awareness

...ctive against zero-

Answer: D

Question: 47

A client purchases a new printer. Which of the following is the most likely to be purchased?

- A. Bluetooth
- B. WiFi

...it to their PDA.
 ...s printer that was

Answer: A

Question: 48

A client is using a device that allows them to sync their wireless device to their computer, but the device must be within line of sight (LOS) in order for the synchronization to complete. Which of the following BEST describes the type of wireless device being used?

- A. Serial
- B. Bluetooth
- C. Infrared

D. WiFi

Answer: C

Question: 49

Which of the follow

- A. Parallel
- B. FireWire
- C. iSCSI
- D. USB 2.0

Answer: B

Question: 50

A companys web se
power supplies, and
following would allo
the web server?

- A. Upgrade all swi
- B. Upgrade the ou
- C. Install an additi
- D. Install addition

with multiple
Which of the
network uptime for

Answer: D

Question: 51

A companys networ
access the network.

- A.
- B. Rep
- C. Reinstall
- D. Replace the N

ers is unable to
troubleshooting

Answer: A

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