



N10-004

(CompTIA Network+ (2009 Edition) Exam)

Total Questions: 490

Last Updated: May 29, 2009

Document version: 8.27.11

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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 to be able to support the following cable types:

data transfer speeds. Which of the following cable types would be the best choice?

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

Answer: A

Question: 6

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

shown on network diagram?

- 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.

planning wires. Which of the following methods would be the LEAST administrative effort?

- 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 or more 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 a protocol 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 interface problem?

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

Identify a physical

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Answer: B

Question: 14

Which of the following managed devices?

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

Monitor network

Answer: D

Question: 15

Which of the following

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

Answer: C

Question: 16

A technician wants to remote a server via remote desktop. The technician needs to do this in the following would accomplish this?

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

Answer: A

Question: 17

Which of the following commands would you use to troubleshoot a DNS request that timed out. timeout command is not available. Timed out*** Default gateway is 172.30.0.1. DNS request timed out.

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

Which of the following commands would you use to troubleshoot a DNS request that timed out. timeout command is not available. Timed out*** Default gateway is 172.30.0.1. DNS request timed out.

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Answer: B

Question: 18

Which of the following commands would you use to troubleshoot a DNS request that timed out. timeout command is not available. Timed out*** Default gateway is 172.30.0.1. DNS request timed out.

- 172.30.0.102 --- 0x21
- A. arp -a
 - B. netstat -a
 - C. arp -s
 - D. netstat -s

Which of the following commands would you use to troubleshoot a DNS request that timed out. timeout command is not available. Timed out*** Default gateway is 172.30.0.1. DNS request timed out.

18-82-72-8c dynamic

Answer: A

Question: 19

Which of the following commands would you use to troubleshoot a DNS request that timed out. timeout command is not available. Timed out*** Default gateway is 172.30.0.1. DNS request timed out.

- B. netstat
- C. ping
- D. tracert

Which of the following commands would you use to troubleshoot a DNS request that timed out. timeout command is not available. Timed out*** Default gateway is 172.30.0.1. DNS request timed out.

Answer: D

Question: 20

Which of the following actions should the administrator do FIRST to help access a gigabit connection?

- A. Change the CAT5 cable to a CAT3 cable.
- B. Change the CAT5 cable to a CAT6 cable.

- 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 cloud environment?

- A. Allows the administrator to manage the network from a central location.
- B. Allows the user to access the network from any location.
- C. Allows the client to access the network from any location.
- D. Allows granular control of network access.

in an enterprise

to the Internet

Answer: D

Question: 22

Which of the following is a command used to display the corresponding IP address for a given MAC address?

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

to the MAC address and the

Answer: A

Question: 23

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

- A. SLIP
- B. SMTP
- C. SNMP
- 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 Ethernet implementation?

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

Answer: A

Question: 31

Which of the following Ethernet standards is the most expensive?

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

at a greater

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Question: 32

The below output is from a network administrator's command prompt. Which command was used to generate this output?
Address Foreign Address State Local Address
COMPUTER1:1089172.30.0.5:1089172.30.0.5:80:80 ESTABLISHED TCP

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

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?

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

access shared
 folders that are unk
 se 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 following

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

Answer: B

Question: 38

Which of the following
 block all UDP traffic

- A. The Internet
- B. A server database
- C. A VoIP device
- D. A network printer

Answer: C

Question: 39

Which of the following
 FQDN instead of the

- A. DNS
- B. FTP
- C. HTTP
- D. SMTP

Answer: C

Question: 40

Which of the following is a utility that can be used to test connectivity to 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 is a common cause of signal 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 network
access the network.

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

ers is unable to
troubleshooting

Answer: A

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