

CompTIA

Exam Questions JK0-023

CompTIA Network+ certification



NEW QUESTION 1

- (Exam Topic 1)

A user is having difficulty connecting a laptop to the company's network via a wireless connection. The user can connect to the network via a wired NIC. The technician thinks the user's wireless NIC has failed. Which of the following network troubleshooting methodology steps should the technician perform NEXT?

- A. Test the theory to determine the cause.
- B. Implement the solution or escalate as necessary.
- C. Establish a plan of action to resolve the problem.
- D. Re-establish new theory or escalate.

Answer: A

NEW QUESTION 2

- (Exam Topic 1)

The network interface layer of the TCP/IP model corresponds with which of the following layers of the OSI model? (Select TWO).

- A. Transport layer
- B. Network layer
- C. Session layer
- D. Physical layer
- E. Presentation layer
- F. Data link layer

Answer: DF

NEW QUESTION 3

- (Exam Topic 2)

Which of the following network topologies is MOST likely used in remote access VPN?

- A. Point to Point
- B. Bus
- C. Ring
- D. Mesh

Answer: A

NEW QUESTION 4

- (Exam Topic 2)

Kim, an administrator, is attempting to connect a laptop to a server via RJ-45 ports on both a device and a CAT5 patch cable. All of the IP settings have been verified to be correct, yet there is a connectivity problem. Which of the following would MOST likely fix the IP connectivity problem?

- A. Wires 1, 2 and 3, 6 need to be swapped on one end of the connecting cable.
- B. Use the DB-9 port with a DB-9 to RJ-45 adapter on the server.
- C. Manually adjust the duplex mode on the server's link.
- D. Configure the laptop to receive a DHCP address from the server, rather than manually setting one.

Answer: A

NEW QUESTION 5

- (Exam Topic 2)

A user does not have network connectivity. While testing the cable the technician receives the below reading on the cable tester:

1-----1
2-----2
3-----3
4-----4
5-----5
6-----6
7-----7
8-----8

Which of the following should the technician do NEXT?

- A. Cable is a crossover, continue troubleshooting
- B. Pin 3 is not used for data, continue troubleshooting
- C. Pin 3 is not used for data, replace the NIC
- D. Redo the cable's connectors

Answer: D

NEW QUESTION 6

- (Exam Topic 3)

Which of the following network performance optimization methods allows for frequently accessed sites to be housed locally, thereby reducing bandwidth requirements?

- A. Load balancing
- B. Traffic policing
- C. Caching engines

D. Traffic shaping

Answer: C

NEW QUESTION 7

- (Exam Topic 3)

A company is experiencing a denial of service attack and wants to identify the source IP address of the attacker in real time. Which method is the BEST way to accomplish this?

- A. Network sniffer
- B. Syslog
- C. SNMPv3
- D. System logs

Answer: A

NEW QUESTION 8

- (Exam Topic 3)

An administrator is able to list the interfaces on a switch after providing the community string "public". Which of the protocols is the administrator MOST likely using?

- A. Telnet
- B. RADIUS
- C. SSH
- D. SNMP

Answer: D

NEW QUESTION 9

- (Exam Topic 3)

Karen, a network technician, is troubleshooting in a wiring closet in 2011. The cabling to all the equipment does not match the documentation from 2007. Which of the following configuration management methods has been overlooked?

- A. Change management
- B. System logs
- C. Asset management
- D. Baselineing

Answer: A

NEW QUESTION 10

- (Exam Topic 3)

Users have reported issues accessing an Internet website. The network technician wants to verify network layer connectivity. Which of the following tools can provide the verification?

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

Answer: A

NEW QUESTION 11

- (Exam Topic 3)

Which of the following could Karen, a network technician, use to find the approximate location of a break in a long network cable?

- A. Protocol analyzer
- B. Time domain reflectometer
- C. Toner probe
- D. Multimeter

Answer: B

NEW QUESTION 12

- (Exam Topic 3)

Which of the following is used to ensure traffic flows efficiently on multiple T-1 circuits?

- A. DNS server
- B. Content filter
- C. Proxy server
- D. Load balancer

Answer: D

NEW QUESTION 13

- (Exam Topic 3)

An administrator has set up several IPSec and SSL tunnels to terminate on a single device. Which of the following has the administrator deployed?

- A. Proxy Server
- B. Load Balancer
- C. VPN Concentrator
- D. Web-Application Firewall

Answer: C

NEW QUESTION 14

- (Exam Topic 4)

Sandy, an administrator, determines there are an excessive number of packets being sent to a web server repeatedly by a small number of external IP addresses. This is an example of which of the following attacks?

- A. DDoS
- B. Viruses
- C. Worms
- D. Man-in-the-middle

Answer: A

NEW QUESTION 15

- (Exam Topic 5)

Which of the following TCP ports are used by FTP? (Select TWO).

- A. 20
- B. 21
- C. 22
- D. 23
- E. 25
- F. 80

Answer: AB

NEW QUESTION 16

- (Exam Topic 5)

Given a subnet mask of 255.255.255.0, how many usable IP addresses would be in that subnet?

- A. 250
- B. 254
- C. 255
- D. 256

Answer: B

NEW QUESTION 17

- (Exam Topic 5)

Which of the following is a Class A IP address?

- A. 10.4.0.1
- B. 169.254.0.1
- C. 192.168.0.1
- D. 254.200.0.1

Answer: A

NEW QUESTION 18

- (Exam Topic 5)

A network administrator needs to configure a port on the switch that will enable all packets on a particular switch to be monitored. Which of the following would BEST complete this objective?

- A. Traffic shaping
- B. MAC filtering
- C. Port mirroring
- D. VLAN trunking

Answer: C

NEW QUESTION 19

- (Exam Topic 5)

Which of the following wireless router security measures provides access to a network by allowing only devices on an approved physical address list?

- A. Port filtering
- B. MAC filtering
- C. SSID masking
- D. Port forwarding

Answer: B

NEW QUESTION 20

- (Exam Topic 5)

A user reports that one of their critical programs no longer functions after a recent router upgrade in the office. A network technician is called in to troubleshoot the issue and documentation shows that the software needs full open connections over ports 558, 981, and 382 in order to function. Which of the following tools could the technician BEST use to troubleshoot this issue?

- A. NET USE
- B. IPCONFIG
- C. TRACEROUTE
- D. TELNET

Answer: D

NEW QUESTION 21

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