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QUESTION 1

A network engineer utilizes a box of Cat5e cable in a datacenter for use between 10Gbps switches in a single rack. After the engineer finishes the installation, switch administrators notice random speed drops and intermittent connection issues. Which of the following is this an example of?

A. Incorrect cable type

B. Attenuation

C. Incorrect pinout

D. Bad ports

Correct Answer: A

QUESTION 2

A corporation has been the target of hackers who exploited TCP port 80. The network administrator is tasked with securing connections to the web server. Which of the following protocols should be implemented to BEST secure the web server? (Choose two.)

A. HTTPS

B. SSH

C. TLS

D. VNC

E. RDP

F. SFTP

Correct Answer: AC

QUESTION 3

A network administrator logs in to a multilayer switch while troubleshooting an end user connectivity issue. The administrator has the MAC address of the end user device but needs to find the IP address. Which of the following would the network administrator use to find the IP address of the end user device?

A. MAC address table

B. Routing table

C. ARP table

D. CAM table

Correct Answer: C

QUESTION 4

The IT manager at a small firm is in the process of renegotiating an SLA with the organization\\\'s ISP. As part of the agreement, the organization will agree to a dynamic bandwidth plan to provide 150Mbps of bandwidth. However, if the ISP determines that a host on the organization\\\'s internal network produces malicious traffic, the ISP reserves the right to reduce available bandwidth to 1.5 Mbps. Which of the following policies is being agreed to in the SLA?

A. Session hijacking

B. Blocking

C. Throttling

D. Data usage limits

E. Bandwidth quotasf

Correct Answer: C

QUESTION 5

A network technician needs to extend a Cat 6a connection. A device is being moved to another building that is too far away for the existing cable to reach. There is dark fiber between the buildings, and the devices must be directly connected to each other using RJ45 terminations. Which of the following is needed to ensure the connection?

A. A media converter

B. A crossover cable

C. A patch panel

D. A switch

Correct Answer: A

QUESTION 6

A network engineer is adding a switch uplink to an existing IDF. Upon inspection, the engineer finds that there are only two strands of single-mode fiber in the IDF, and both strands are in use. Which of the following solutions should the engineer use to provide an additional switch uplink without installing new fiber optic cabling?

A. Install bidirectional transceivers.

B. Install SFP+ transceivers.

C. Install media converters.

D. Install duplex transceivers.

Correct Answer: A

QUESTION 7

Which of the following technologies is used to attach multiple guest operating systems to a single physical network port?

A. Virtual switch

B. FCoE

C. VPC

D. vSAN

E. Fibre Channel

Correct Answer: A

QUESTION 8

Which of the following describes a DNS server?

A. Translates an IP address to a name

B. Caches commonly viewed web pages

C. Assigns IP addresses to network devices

D. Provides port security for a network

Correct Answer: A

QUESTION 9

A university has a lecture hall containing 100 students. Currently, the lecture hall has two 802.11ac wireless access points, which can accommodate up to 50 devices each. Several students report they are unable to connect devices to the wireless network. Which of the following is MOST likely the issue?

A. One of the wireless access points is on the wrong frequency

B. The students are attempting to connect 802.11g devices

C. The students are using more than one wireless device port seat.

D. Distance limitations are preventing the students from connecting.

Correct Answer: D

QUESTION 10

Which of the following access controls enforces permissions based on data labeling at specific levels?

A. Mandatory access control

B. Separation of duties access control

C. Discretionary access control

D. Role based access control

Correct Answer: A

QUESTION 11

A network technician needs to visit a datacenter. To be admitted, the security officer requests to see a driver\\'s license, and then directs the technician to a fingerprint scanner. Which of the following authentication factors is the facility requiring for admittance? (Select TWO).

A. Something you have

B. Something you know

C. Something you do

D. Something you are

E. Somewhere you are

Correct Answer: BE

QUESTION 12

Which of the following is based ENTIRELY on using ICMP packets?

A. Social engineering

B. NMAP

C. Buffer overflow attack D. Smurf attack

Correct Answer: D