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QUESTION 1

A network technician has been asked to install an additional switch in an IDF, but all of the single-mode fiber is in use between the IDF and MDF. The technician has deployed new transceivers that allow for the use of a single fiber stand, providing the additional fiber needed for the new switch. Which of the following has the technician deployed?

- A. 1000BaseLX SFP
- B. Duplex GBIC
- C. Duplex SFP+
- D. Bidirectional SFP

Correct Answer: D

QUESTION 2

A network technician is installing a new fiber-optic connection between two buildings on a campus network. When the network technician connects the fiber at the second location, the interface link light does not light up. Which of the following should the technician do NEXT?

- A. Reverse the finer pair
- B. Check the duplex on each interface
- C. Install a fiber distribution panel
- D. Configure a media converter for each switch

Correct Answer: B

QUESTION 3

Which of the following manages the delegation of physical equipment to the virtual components?

- A. Virtual router
- B. Hypervisor
- C. Virtual switch
- D. Network card

Correct Answer: B

QUESTION 4

A wireless technician needs to deploy a single 802.11 standard that supports both 2.4GHz and 5GHz frequencies with up to 40MHz channel widths. Which of the following wireless standards should the technician configure?

A. ac

B. b

C. g

D. n

Correct Answer: D

QUESTION 5

A network engineer is adding a second router to the company's topology to connect a new wing of the building. The second router will be in the same server room as the first router and does not support auto-MDIX. Which of the following describes how the routers should be connected to each other?

A. Connect the second router to the first router with a crossover cable.

B. Use a straight-through cable to connect the two routers together.

C. Connect the two routers with vendor-specific console cables.

D. Connect the AUX ports directly between the two routers.

Correct Answer: A

QUESTION 6

An assistant systems analyst reports the following findings of an investigation of slow Internet connections in a remote office to the senior systems analyst:

Device	CPU Utilization	Memory Utilization	Link Status
Router	5%	43%	Good
Firewall	92%	58%	Good
Switch 1	23%	32%	Good
Switch 2	8%	81%	Good

Which of the following devices is causing the issue?

A. Router

B. Firewall

C. Switch 1

D. Switch 2

Correct Answer: B

QUESTION 7

A security manager asks a technician to install a network device that will provide information about attacks against the network but will not stop them. Which of the following devices is MOST suited for this task?

- A. IDS
- B. IPS
- C. Layer 7 firewall
- D. RADIUS server

Correct Answer: A

QUESTION 8

A small team is overloaded with requests for database resources. The Chief Information Officer (CIO) is concerned the company does not have the resources to deploy and manage these additional services efficiently. Which of the following types of cloud services would be the MOST effective?

- A. PaaS
- B. IaaS
- C. BaaS
- D. SaaS

Correct Answer: C

QUESTION 9

A technician is trying to configure a previously owned WAP. The technician successfully logs into the administrative console and attempts to input the IP address on the WAP. However, the WAP is not accepting the command. Which of the following is causing the problem?

- A. The WAP antenna is damaged
- B. The WAP transmitter light is dim
- C. The terminal emulation software is misconfigured
- D. The LWAPP image is installed on the WAP

Correct Answer: C

QUESTION 10

Which of the following protocols is used during web browsing to resolve website names?

- A. HTTP
- B. LDAP
- C. SNMP
- D. DNS

Correct Answer: D

QUESTION 11

Which of the following attacks uses publicly accessible DNS servers to maximize the payload that is sent to a victim's network?

- A. PDoS
- B. Amplified DDoS
- C. Brute force
- D. DNS poisoning

Correct Answer: B

QUESTION 12

A technician is surveying college's network equipment room and connectivity. Which of the following types of documentation does the technician need perform a detailed site survey? (Select THREE).

- A. IDF/MDF documentation
- B. Cable run label documentation
- C. network configuration documentation
- D. Performance baseline documentation
- E. Standard operating procedure documentation
- F. Change management documentation
- G. Rack diagram documentation

Correct Answer: ACG

QUESTION 13

A technician recently fixed a computer with several viruses and spyware programs on it and notices the Internet settings

were set to redirect all traffic through an unknown proxy. This type of attack is known as which of the following?

- A. Phishing
- B. Social engineering
- C. Man-in-the-middle
- D. Shoulder surfing

Correct Answer: C

QUESTION 14

The server team has just installed an application across three different servers. They are asking that all requests to the application are spread evenly across the three servers. Which of the following should the network team implement to fulfil the request?

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

Correct Answer: D

QUESTION 15

Which of the following BEST describes the characteristics of a differential backup solution?

- A. Backs up files with the creation or modified date as the current date.
- B. Backs up all files and sets the archive bit.
- C. Backs up files with a date earlier than today's date with a clear archive bit.
- D. Backs up files with the archive bit set but does not clear the bit.

Correct Answer: A

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