QUESTION 108
After the A record of a public website was updated, some visitors were unable to access the website. Which of the following should be adjusted to address the issue?

A. TTL
B. MX
C. TXT
D. SOA

Correct Answer: A

QUESTION 109
The following instructions were published about the proper network configuration for a videoconferencing device:

"Configure a valid static RFC1918 address for your network. Check the option to use a connection over NAT."

Which of the following is a valid IP address configuration for the device?

A. FE80::1
B. 100.64.0.1
C. 169.254.1.2
D. 172.19.0.2
E. 224.0.0.12

Correct Answer: D

QUESTION 110
A technician is assisting a user who cannot access network resources when the workstation is connected to a VoIP phone. The technician identifies the phone as faulty and replaces it. According to troubleshooting methodology, which of the following should the technician do NEXT?

A. Implement the solution.
B. Test the theory.
C. Duplicate the issue.
D. Document the findings.
E. Verify functionality.

Correct Answer: E

QUESTION 111
A technician is installing a high-density wireless network and wants to use an available frequency that supports the maximum number of channels to reduce interference. Which of the following standard 802.11 frequency ranges should the technician look for while reviewing WAP specifications?

A. 2.4GHz
B. 5GHz
C. 6GHz

D. 900MHz

Correct Answer: B

QUESTION 112
A company with multiple routers would like to implement an HA network gateway with the least amount of downtime possible. This solution should not require changes on the gateway setting of the network clients. Which of the following should a technician configure?

A. Automate a continuous backup and restore process of the system's state of the active gateway.
B. Use a static assignment of the gateway IP address on the network clients.
C. Configure DHCP relay and allow clients to receive a new IP setting.
D. Configure a shared VIP and deploy VRRP on the routers.

Correct Answer: D

QUESTION 113
Which of the following uses the destination IP address to forward packets?

A. A bridge
B. A Layer 2 switch
C. A router
D. A repeater

Correct Answer: C

QUESTION 114
Which of the following is MOST likely to generate significant East-West traffic in a datacenter?

A. A backup of a large video presentation to cloud storage for archival purposes
B. A duplication of a hosted virtual server to another physical server for redundancy
C. A download of navigation data to a portable device for offline access
D. A query from an IoT device to a cloud-hosted server for a firmware update

Correct Answer: B

QUESTION 115
Several WIFI users are reporting the inability to connect to the network. WLAN users on the guest network are able to access all network resources without any performance issues. The following table summarizes the findings after a site survey of the area in question:

Location	AP 1	AP 2	AP 3	AP 4
SSID	Corp1	Corp1	Corp1/Guest	Corp1/Guest
Channel	2	1	5	11
RSSI	-81dBm	-82dBm	-44dBm	-41dBm
Antenna type	Omni	Omni	Directional	Directional

Which of the following should a wireless technician do NEXT to troubleshoot this issue?

A. Reconfigure the channels to reduce overlap
B. Replace the omni antennas with directional antennas
C. Update the SSIDs on all the APs
D. Decrease power in AP 3 and AP 4

Correct Answer: A

QUESTION 116
Which of the following would be used to expedite MX record updates to authoritative NSs?

A. UDP forwarding
B. DNS caching
C. Recursive lookup
D. Time to live

Correct Answer: D

QUESTION 117
Which of the following security devices would be BEST to use to provide mechanical access control to the MDF/IDF?

A. A smart card
B. A key fob
C. An employee badge
D. A door lock

Correct Answer: B

QUESTION 118
Which of the following types of datacenter architectures will MOST likely be used in a large SDN and can be extended beyond the datacenter? (Choose two.)

A. iSCSI
B. FCoE
C. Three-tiered network
D. Spine and leaf
E. Top-of-rack switching

Correct Answer: CD

QUESTION 119
Which of the following BEST describes a network appliance that warns of unapproved devices that are accessing the network?

A. Firewall
B. AP
C. Proxy server
D. IDS

Correct Answer: D

QUESTION 120
An organization wants to implement a method of centrally managing logins to network services. Which of the following protocols should the organization use to allow for authentication, authorization and auditing?

A. MS-CHAP
B. RADIUS
C. LDAPS
D. RSTP

Correct Answer: A

QUESTION 121
A network administrator is talking to different vendors about acquiring technology to support a new project for a large company. Which of the following documents will MOST likely need to be signed before information about the project is shared?

A. BYOD policy
B. NDA
C. SLA
D. MOU

Correct Answer: C

QUESTION 122
Which of the following transceiver types can support up to 40Gbps?

A. SFP+
B. QSFP+
C. QSFP
D. SFP

Correct Answer: B

QUESTION 123
Which of the following OSI model layers contains IP headers?

A. Presentation
B. Application
C. Data link
D. Network
E. Transport

Correct Answer: D

QUESTION 124
A network technician was hired to harden the security of a network. The technician is required to enable encryption and create a password for AP security through the web browser. Which of the following would BEST support these requirements?

A. ESP

B.   WPA2
C.   IPSec
D.   ACL

Correct Answer: B

QUESTION 125
Which of the following BEST describes a North-South traffic flow?

A.   A public Internet user accessing a published web server
B.   A database server communicating with another clustered database server
C.   A Layer 3 switch advertising routes to a router
D.   A management application connecting to managed devices

Correct Answer: D

QUESTION 126
Which of the following is the physical topology for an Ethernet LAN?

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

Correct Answer: D

QUESTION 127
A small office is running WiFi 4 APs, and neighboring offices do not want to increase the throughput to associated devices. Which of the following is the MOST cost-efficient way for the office to increase network performance?

A.   Add another AP.
B.   Disable the 2.4GHz radios.
C.   Enable channel bonding.
D.   Upgrade to WiFi 5.

Correct Answer: C

QUESTION 128
A user reports a weak signal when walking 20ft (61 m) away from the WAP in one direction, but a strong signal when walking 20ft in the opposite direction The technician has reviewed the configuration and confirmed the channel type is correct There is no jitter or latency on the connection Which of the following would be the MOST likely cause of the issue?

A.   Antenna type
B.   Power levels