

➤ **Vendor: CompTIA**

➤ **Exam Code: N10-007**

➤ **Exam Name: CompTIA Network+ N10-007 Certification Exam**

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QUESTION 1294

A systems administrator is running a VoIP network and is experiencing jitter and high latency. Which of the following would BEST help the administrator determine the cause of these issues?

- A. Enabling RADIUS on the network.
- B. Configuring SNMP traps on the network.
- C. Implementing LDAP on the network.
- D. Establishing NTP on the network.

Answer: B

QUESTION 1295

Which of the following technologies is used to translate one public IP address to multiple private IP addresses?

- A. NAT
- B. ARP
- C. DHCP
- D. DNS

Answer: A

QUESTION 1296

Which of the following attacks blocks access to resources by flooding that resource with invalid requests?

- A. On-path attack
- B. IP spoofing attack
- C. DoS attack
- D. DNS poisoning attack

Answer: C

QUESTION 1297

A Chief Information Officer (CIO) is reviewing a proposal to provide access security for the IT department's restricted area. Which of the following is a preventive measure that should be implemented?

- A. Motion detection
- B. Cameras
- C. Biometric lock
- D. Asset tags

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Answer: C

QUESTION 1298

A network administrator is investigating an issue with VoIP calls that are not establishing properly. After troubleshooting, the administrator is able to determine the SIP responses are not being received by the gateway. Which of the following did the administrator use to determine this information?

- A. netstat
- B. A spectrum analyzer
- C. tracer
- D. A packet analyzer

Answer: D

QUESTION 1299

A network engineer is planning to connect a legacy network switch to a core switch for redundancy. The proposed cable will run in the ceiling above high-voltage industrial equipment and fluorescent lights. The legacy switch has 1000BASE-T ports with no expansion slots. The engineer has decided to use multimode cable to make this connection. Which of the following will be needed to connect the two switches?

- A. RG-6 connectors
- B. A patch panel
- C. A GBIC transceiver
- D. A media converter

Answer: D

QUESTION 1300

A network technician is planning to upgrade an end-of-life network switch and wants to reuse as much of the existing infrastructure as possible. The end-of-life switch uses a GBIC, but the new switch will use an SFP. Which of the following will the network technician MOST likely need to perform before completing the upgrade?

- A. Rerminate the fiber with ST connectors.
- B. Rerminate the fiber with SC connectors.
- C. Rerminate the fiber with LC connectors.
- D. Reroute the fiber through a media converter.

Answer: C

QUESTION 1301

A network administrator received a ticket about intermittent poor performance of a manufacturing device. The engineer who submitted the ticket states the issue occurs when the device is sending or receiving larger volumes of network traffic. The physical copper path between the device and the switch tests successfully. Which of the following should the network administrator do NEXT?

- A. Verify the speed/duplex settings.
- B. Replace the switch uplink transceivers.
- C. Enable port aggregation.
- D. Change to shielded patch cables.
- E. Enable quality of service.

Answer: A

QUESTION 1302

A recent vulnerability was discovered in the code a company is running on its network devices. The vendor has

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released a security patch to address the vulnerability. To ensure an unaltered version of the patch is downloaded, which of the following should the network technician validate before installing the patch?

- A. Date the patch was created
- B. Version of the patch
- C. Hash values of the patch
- D. Change log for the patch

Answer: C

QUESTION 1303

Which of the following DNS record types assists with the routing of email?

- A. MX
- B. PTR
- C. SRV
- D. AAAA

Answer: A

QUESTION 1304

The management team has instituted a 48-hour RTO as part of the disaster recovery plan. Which of the following procedures would meet the policy's requirements?

- A. Recover all systems to a loss of 48 hours of data.
- B. Limit the network downtime to a maximum of 48 hours per year.
- C. Recover all systems within 48 hours.
- D. Require 48 hours of system backup maintenance.

Answer: C

QUESTION 1305

An organization has migrated the internal network from a static IP addressing scheme to use DHCP. After fully deploying the DHCP solution, users within the web deployment team are unable to access the web server that is hosted in the DMZ. After reviewing the logs, the network technician sees multiple deny entries from the internal network to the DMZ. Which of the following is the MOST likely cause?

- A. The DNS entries are incorrect for the web development team.
- B. The server IP addresses in the DMZ have changed after migrating to DHCP.
- C. The OSPF configuration was not updated to route the new dynamic address spaces.
- D. The ACL does not accurately reflect current addresses for the web development team.

Answer: D

QUESTION 1306

A wireless engineer installs a new 802.11g access point in a new part of a building. Users begin reporting slow connections, even with a strong signal. The engineer uses a packet analyzer and sees retransmitted and malformed packets, as well as some malformed WiMax packets. Which of the following issues is described?

- A. Refraction
- B. Interference
- C. Latency
- D. Overcapacity

Answer: B

QUESTION 1307

Which of the following technologies is MOST likely used to provide connectivity to multiple IoT devices within a room without access to the WLAN?

- A. IR
- B. 802.11
- C. Bluetooth
- D. NFC

Answer: C

QUESTION 1308

A new network technician is responsible for bringing a building onto the corporate network. The technician is not aware of the proper settings for the new switches. Which of the following should the technician reference to find these settings?

- A. IDF/MDF documentation
- B. Change management plan
- C. Configuration baseline
- D. Standard operating procedures

Answer: C

QUESTION 1309

Which of the following accurately describes a warm site in datacenter disaster recovery?

- A. An online standby datacenter that is fully equipped without company data
- B. A backup datacenter location that is ready for equipment to be installed
- C. A backup datacenter location that is fully equipped but not online
- D. An online, standby datacenter that is fully equipped with all company data

Answer: C

QUESTION 1310

A customer wants to install a network that can utilize 802.1X authentication protocols. The customer uses a Windows laptop and does not want to install any additional software; therefore, a technician needs to configure the network to work with what is available natively. Which of the following should the technician configure for the 802.1X network?

- A. PEAP
- B. LDAP
- C. EAP-FAST
- D. NAC

Answer: B

QUESTION 1311

A technician is planning a network wiring installation and must ensure all cabling meets the installation requirements for air-handling spaces in the ceiling in case of a fire. Which of the following characteristics does plenum cabling have to meet this requirement?

- A. Outer jacket made of PVC
- B. Outer jacket with metal shielding
- C. Low-smoke material jacket
- D. Fiber-optic glass core

Answer: C

QUESTION 1312

A network technician installs a new Layer 3 switch in the accounting office. Which of the following should the technician configure on the switch to enhance network security?

- A. Spanning tree
- B. Access control list
- C. QoS settings
- D. Duplex settings

Answer: B

QUESTION 1313

A help desk technician is assisting a user who is experiencing issues with video conferencing when a laptop is undocked. During meetings, the audio becomes garbled, and the video sometimes pauses for brief periods. Which of the following is the MOST probable cause of these issues?

- A. Overcapacity
- B. Channel overlap
- C. Frequency mismatch
- D. Latency

Answer: A

QUESTION 1314

A network technician is configuring a new firewall for a company with the necessary access requirements to be allowed through the firewall. Which of the following should be applied as the LAST rule in the firewall?

- A. Secure SNMP
- B. Port security
- C. Implicit deny
- D. DHCP snooping

Answer: C