

➤ **Vendor: CompTIA**

➤ **Exam Code: N10-007**

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

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QUESTION 1273

A hydroelectric company wants to manage sensors at a dam remotely. The control station at this dam is several miles off the main road in a densely forested area. Which of the following should the company implement to connect remotely to the sensors?

- A. Cable broadband
- B. DSL Internet
- C. Cellular modem
- D. ISDN Internet

Answer: C

QUESTION 1274

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

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

Answer: A

QUESTION 1275

Which of the following can be used to decrease latency during periods of high utilization of a firewall?

- A. Hot site
- B. NIC teaming
- C. HA pair
- D. VRRP

Answer: B

QUESTION 1276

At which of the following OSI model layers does the Layer 2 Tunneling Protocol operate?

- A. Application
- B. Session
- C. Transport
- D. Data link

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Answer: D

QUESTION 1277

A network technician has just implemented a new wireless network that requires clients to use a WEP key for access. The technician is now required to make changes to ensure the network uses the strongest encryption available. After the changes are implemented, several users report being unable to connect.

Which of the following is the MOST likely cause?

- A. RADIUS server failure
- B. Security type mismatch
- C. Wrong passphrase
- D. Incorrect SSID

Answer: B

QUESTION 1278

A network technician wants to ensure the backup configuration files for the network devices are not being altered after they are stored. Which of the following tasks should the network technician perform to achieve this goal?

- A. Compute the checksum of the backup file and document it separately.
- B. Store the backup files on a thumb drive and keep it in a desk drawer.
- C. Encrypt the drive the files are stored on using AES-256.
- D. Upload the backup files to a cloud storage service.

Answer: A

QUESTION 1279

A network technician has been asked to provide daily reports on network saturation. Which of the following would BEST reflect these statistics?

- A. Average bandwidth usage
- B. Error rate on trunk ports
- C. Packet drops to the ISP
- D. Processor utilization for the Internet router

Answer: A

QUESTION 1280

A large metropolitan city is looking to standardize the ability for police department laptops to connect to the city government's VPN. The city would like a wireless solution that provides the largest coverage across the city with a minimal number of transmission towers. Latency and overall bandwidth needs are not high priorities. Which of the following would BEST meet the city's needs?

- A. 5G
- B. LTE
- C. WiFi 4
- D. WiFi 5
- E. WiFi 6

Answer: B

QUESTION 1281

A network administrator is installing a new IDS device that will collect logs and alert the administrator of breaches. - The network infrastructure includes a modern, a firewall, and core and access switches.

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- The modem is ISP provided and only forwards packets from the data circuit.
- The firewall handles stateful packet inspection, the ACL, and application layer filtering.

Which of the following describes where the administrator should install the IDS device on the network to collect the MOST relevant information?

- A. In front of the modem and firewall
- B. Between the modem and firewall
- C. Behind the firewall on the core switch
- D. After the access switch

Answer: A

QUESTION 1282

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

Answer: A

QUESTION 1283

A network administrator walks into a datacenter and notices an unknown person is following closely. The administrator stops and directs the person to the security desk. Which of the following attacks did the network administrator prevent?

- A. Evil twin
- B. Tailgating
- C. Piggybacking
- D. Shoulder surfing

Answer: B

QUESTION 1284

A user has just received a call from someone claiming to be from the company help desk and asking for password information to assist the user with a password reset. Company policy, however, states the help desk will not ask for password information. Which of the following has the user just experienced?

- A. Logic bomb
- B. Social engineering
- C. Phishing
- D. Insider threat

Answer: B

QUESTION 1285

A network technician is installing a new SOHO wireless router for a client. After configuring and securing the wireless network, the technician begins hardening the wireless router. Which of the following should the network technician do FIRST?

- A. Enable content filtering
- B. Back up the configuration of the device.

- C. Configure an ACL for managing the device.
- D. Filter MAC addresses.

Answer: B

QUESTION 1286

Which of the following is the LARGEST MTU for a standard Ethernet frame?

- A. 1452
- B. 1492
- C. 1500
- D. 2304

Answer: C

QUESTION 1287

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

"Configure a valid static RFC1918 address accordingly to 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

Answer: D

QUESTION 1288

A technician is helping to secure a wireless network at a home office and is looking to prevent unauthorized devices from connecting to the network. Which of the following would be BEST for the technician to do? (Choose two.)

- A. Configure MAC filtering.
- B. Configure guest network isolation.
- C. Enable plug and play.
- D. Disable the SSID broadcast.
- E. Configure a captive portal.
- F. Disable unneeded ports.

Answer: AD

QUESTION 1289

A user reports a laptop wireless connection is working at the user's desk but not in a recent building addition. A network administrator logs into the wireless controller, searches for the user's MAC address, and receives the following results:

Timestamp	MAC Address	RSSI
10:30 AM	01-B3-DD-09-64-FF	-48dB
3:00 PM	01-B3-DD-09-64-FF	-110dB

Which of the following describes the reason for the issue?

- A. Frequency mismatch
- B. Distance limitation
- C. Channel overlap

D. Wrong SSID

Answer: B

QUESTION 1290

Which of the following use cases would justify the deployment of an mGRE hub-and-spoke topology?

- A. An increase in network securing using encryption and packet encapsulation
- B. A network expansion caused by an increase in the number of branch locations to the headquarters
- C. A mandatory requirement to increase the deployment of an SDWAN network.
- D. An improvement in network efficiency by increasing the useful packet payload.

Answer: B

QUESTION 1291

Given the following information:

Protocol	Local address	Foreign address	State
TCP	127.0.0.1:57779	Desktop-Open:57780	Established
TCP	127.0.0.1:57780	Desktop-Open:57779	Established

Which of the following command-line tools would generate this output?

- A. netstat
- B. arp
- C. dig
- D. tracer

Answer: A

QUESTION 1292

A security team needs to restrict access to a wireless network in a certain area. Which of the following would be used to enforce this restriction?

- A. Geofencing
- B. WPA2-PSK
- C. EAP-TLS
- D. VLAN tagging

Answer: A

QUESTION 1293

Which of the following provides redundancy on a file server to ensure the server is still connected to a LAN even in the event of a port failure on a switch?

- A. NIC teaming
- B. Load balancer
- C. RAID array
- D. PDUs

Answer: A