

➤ **Vendor: CompTIA**

➤ **Exam Code: N10-007**

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

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QUESTION 1094

A VoIP device is not getting power at a new user's desk. The technician tests the components with a PoE injector at the switch and resolves the issue. Which of the following is the MOST likely cause of the issue?

- A. VLAN mismatch
- B. Bad switchport
- C. TX/RX reverse
- D. Latency
- E. Damaged cable

Answer: E

QUESTION 1095

A network manager is drafting a document that outlines what employees can and cannot do when using personal tablets that are connected to the network. Which of the following is the manager drafting?

- A. An AUP policy
- B. A BYOD policy
- C. A DLP policy
- D. An NDA policy

Answer: B

QUESTION 1096

A network technician is asked to perform an unfamiliar task. Which of the following would the technician MOST likely reference?

- A. Network configuration
- B. Change management documentation
- C. Work instructions
- D. Performance baseline

Answer: C

QUESTION 1097

A user is reporting poor network performance. A network technician starts by looking at port statistics on that user's connected switchport. The technician notices there is a high level of collisions on the port. Which of the following is the MOST likely cause?

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- A. The port or user's NIC is set to auto-MDIX.
- B. The port and/or user's NIC is set to half-duplex.
- C. The port and/or user's NIC is set to the wrong MTU.
- D. The port and user's NIC are set to different speeds.

Answer: B

QUESTION 1098

Which of the following is a purpose of a syslog server?

- A. Aggregates switch logs for easier review and correlation
- B. Polls SNMP-enabled server logs for current status
- C. Distributes logging applications to monitoring servers
- D. Purges switch logs when they reach capacity

Answer: A

QUESTION 1099

Which of the following devices will intelligently attempt to relieve the network of an assumed threat after sampling a packet stream?

- A. IDS
- B. Content filter
- C. Firewall
- D. IPS

Answer: D

QUESTION 1100

The lack of which of the following components might make a virtual router less efficient than a physical router?

- A. ASIC
- B. Hardware MAC
- C. Jumbo frame
- D. MPLS

Answer: A

QUESTION 1101

A company has a DNS record for the following address: products.companyXYZ.com. The company would like to add another record, sales.companyXYZ.com, which continually points to the same IP address as products.companyXYZ.com. Which of the following DNS record types would BEST accomplish this?

- A. MX
- B. CNAME
- C. SRV
- D. A
- E. AAAA
- F. PTR

Answer: B

QUESTION 1102

A wireless network is set up in a mesh configuration that has experienced recent growth. Some of the access points are four hops away in the mesh network. Users at these access points are reporting slow download speeds despite being

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the sole users on the access point. Which of the following would BEST resolve this issue?

- A. Add more access points to the mesh network.
- B. Increase transmit power levels on the access points.
- C. Physically connect more access points.
- D. Change the antenna type on the WAPs.

Answer: C

QUESTION 1103

A network administrator needs to access a remote site and log into the site switch using secure methods. The administrator first has to gain access to the server GUI. Which of the following access control methods will be used?

- A. RDP
- B. VPN
- C. Telnet
- D. SSH

Answer: A

QUESTION 1104

A company wants to provide its sales representatives with an easy-to-use method of securely connecting to the corporate network from any client network. Which of the following methods should the network technician implement?

- A. Allow RDP connections through the firewall.
- B. Install VNC clients on the sales representatives' machines.
- C. Create an SSL VPN for remote access to the network.
- D. Place all servers in the publicly available DMZ.

Answer: C

QUESTION 1105

A network administrator is attempting to limit the installation of malware on company workstations. The administrator wants to remove root access from the user accounts. Which of the following is this an example of?

- A. Changing default credentials
- B. Limiting spoofing
- C. Role separation
- D. Port security

Answer: C

QUESTION 1106

Which of the following represents where the ISP's WAN connection is handed off to the local network?

- A. Demilitarized zone
- B. Intermediate distribution frame
- C. Extranet
- D. Demarcation point

Answer: D

QUESTION 1107

A NGFW is continuously sending alerts regarding traffic from an internal database server. An old DHCP service, which was used before a dedicated server was installed, is still running on the server. Which of the following practices could

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have prevented this incident?

- A. Preventing UDP on the host firewall
- B. Enabling DHCP relay
- C. Disabling unused services
- D. Disabling DHCP spoofing

Answer: C

QUESTION 1108

A user is connected to the guest wireless network for a video conference with colleagues. The user's computer shows a strong wireless signal, and websites seem to load without issue, but the voice and video have periods of choppiness. Which of the following would BEST identify the issue?

- A. Verify the wireless capacity is not exceeded.
- B. Check the signal attenuation.
- C. Increase the power transmission level.
- D. Adjust the antenna placement.

Answer: A

QUESTION 1109

An ISP technician frequently needs to administer a router remotely in the event of a configuration error or WAN outage. Which of the following technologies would facilitate the required connectivity?

- A. Remote access VPN
- B. Remote file access
- C. Out-of-band
- D. Secure Shell

Answer: D

QUESTION 1110

Employees at a company report that they are unable to access the Internet. A network technician notices the workstations are receiving IP addresses that do not follow the IP addressing scheme of the corporate network. Upon further inspection, the technician finds an employee has plugged a rogue wireless router into the corporate network. Which of the following settings would have prevented this situation?

- A. DHCP snooping
- B. DHCP relay
- C. DHCP leasing
- D. DHCP options

Answer: A

QUESTION 1111

Which of the following protocols operates at the data link layer of the OSI model?

- A. IGRP
- B. BGP
- C. PPP
- D. FTP

Answer: C

QUESTION 1112

Several open conference rooms have active wired network connections. To discourage unauthorized users, a network technician wants to require users in the conference rooms to authenticate to the network before gaining access. Which of the following would be the BEST network technology to use?

- A. WPA
- B. MAC filtering
- C. ACLs
- D. 802.1X

Answer: D

QUESTION 1113

Which of the following describes the function of Layer 3 of the OSI model?

- A. It provides sequencing and acknowledgments for connection-oriented communication.
- B. It provides connectionless communication using logical addressing.
- C. It provides error detection through the FCS for frames transmitted.
- D. It provides encryption and compression for data received.

Answer: B

QUESTION 1114

Which of the following ports should be open on a host-based firewall for a user who needs email and file-sharing capabilities? (Choose two.)

- A. 21
- B. 88
- C. 389
- D. 445
- E. 587
- F. 3389

Answer: AE

QUESTION 1115

Which of the following steps follows an implemented solution?

- A. Document the findings and actions.
- B. Identify potential effects of the solution.
- C. Verify full system functionality.
- D. Implement preventative measures.

Answer: C

QUESTION 1116

A network technician receives an update in an RSS feed that a new exploit was released for specific hardware used on the network. After verifying the vulnerability with the vendor, the network technician discovers the vulnerability was patched almost two years ago. Which of the following techniques should be implemented to discover out-of-date firmware in the future?

- A. Application fuzzing
- B. Malware signature management
- C. Network traffic analysis with tcpdump
- D. Vulnerability scanning

Answer: D

QUESTION 1117

A network technician needs a secure way to access a router in another country. Which of the following methods would meet this requirement?

- A. SSH connection
- B. Device HTTP URL
- C. TFTP upload
- D. GRE tunnel

Answer: A

QUESTION 1118

A technician needs to connect several computers in close proximity to control manufacturing equipment in a factory. The medium to connect the computers must be cost effective and suitable for short distances. Which of the following mediums should the technician use?

- A. RJ11 connector and Cat6 cable
- B. ST connector and UTP cable
- C. DB-9 connector and plenum cable
- D. BNC connector and RG-59 cable

Answer: D

QUESTION 1119

A network technician is troubleshooting a laptop that does not have wireless connectivity. The technician determines the wireless network is functioning as expected. The laptop does not show any SSIDs or allow the technician to modify network settings. Which of the following should the technician check FIRST?

- A. Check for overcapacity of the network.
- B. Ensure wireless is enabled on the laptop.
- C. Confirm the power levels of the WAP.
- D. Assess the antenna placement.
- E. Verify network drivers are up-to-date.

Answer: B