

➤ **Vendor: CompTIA**

➤ **Exam Code: N10-007**

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

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**QUESTION 941**

A network technician needs to subnet the network. The marketing department has 28 devices. Which of the following private IP address spaces should be used to ensure the MINIMUM number of unused IP addresses?

- A. Gateway: 10.10.10.1  
Netmask: 255.255.255.192
- B. Gateway: 172.15.18.128  
Netmask: 255.255.255.224
- C. Gateway: 192.168.1.97  
Netmask: 255.255.255.224
- D. Gateway: 224.102.113.65  
Netmask: 255.255.255.192

**Answer: C**

**QUESTION 942**

A company has experienced a major security breach. Which of the following should the network administrator reference to determine the next steps?

- A. Non-disclosure policy
- B. Data loss prevention policy
- C. Acceptable use policy
- D. Incident response policy

**Answer: D**

**QUESTION 943**

A technician restored network connectivity on a user's laptop. After validating full system functionality, which of the following steps should the technician take NEXT?

- A. Duplicate the problem, if possible
- B. Determine if anything has changed
- C. Test the theory to determine the cause
- D. Document the findings, actions, and outcomes

**Answer: D**

**QUESTION 944**

Which of the following is an IPv6 transition mechanism in which network devices utilize IPv4 and IPv6 at the same

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time?

- A. 6to4
- B. ISATAP
- C. Teredo
- D. Dual stack

**Answer: D**

**QUESTION 945**

Which of the following protocols operates at Layer 4 of the OSI model?

- A. TCP
- B. ARP
- C. IMAP
- D. POP3

**Answer: A**

**QUESTION 946**

In the past, users brought personal laptops to the office to bypass some of the security protocols on their desktops. Due to new security initiatives, management has asked that users not be allowed to attach personal devices to the network. Which of the following should a technician use to BEST meet this goal?

- A. Shut down unused ports on switches
- B. Upgrade firmware on network devices
- C. Allow only secure protocols on the network
- D. Disable unnecessary services

**Answer: C**

**QUESTION 947**

A technician is installing a SOHO router. Which of the following should be performed on every installation and periodically maintained to prevent unauthorized access? (Choose two.)

- A. Disable remote management
- B. Update the router firmware
- C. Disable port forwarding
- D. Use complex passwords
- E. Disable the SSID broadcast

**Answer: BD**

**QUESTION 948**

A network analyst is providing access to an FTP server that stores files that are needed by external contractors who are working on a project. In which of the following network locations should the FTP server be placed to achieve the MOST secure environment?

- A. DMZ network
- B. Server network
- C. External network
- D. Internal network

**Answer: A**

**QUESTION 949**

A company is contracting a new third-party organization that will handle storage of the company's critical data. Which of the following policies would ensure the data remains confidential?

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

**Answer: B**

**QUESTION 950**

A technician must install and configure a network device in a building with 20 classrooms. Each room must be on a separate subnet and should not be able to see traffic from other subnets. Which of the following is the MOST cost-effective solution?

- A. A switch with VLANs created for each segment
- B. A router with interfaces connected to a switch in each room
- C. A VoIP endpoint connected to a hub for each network
- D. A firewall with DHCP pools for each subnet

**Answer: A**

**QUESTION 951**

Which of the following WAN transmission mediums is the fastest and can travel the longest distance?

- A. Satellite
- B. Copper
- C. Wireless
- D. Fiber

**Answer: D**

**QUESTION 952**

The process of grouping network interfaces together to increase throughput is called:

- A. VLAN tagging
- B. load balancing
- C. port aggregation
- D. fault tolerance

**Answer: C**

**QUESTION 953**

Which of the following is used to purposely attack a system to exploit vulnerabilities?

- A. Honeypot
- B. Vulnerability scan
- C. Device hardening
- D. Penetration testing

**Answer: D**