> **Vendor: CompTIA**

> **Exam Code: N10-007**

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

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QUESTION 1035
Given the table below:

Host Name	IP Address
Host A	192.168.10.22/24
Host B	192.168.10.23/24
Host C	192.168.11.125/24
Host D	192.168.11.53/24
Host E	192.168.5.15/24

Which of the following addresses can Host E send a packet to that will reach Hosts C and D, but not Hosts A and B?

A. 192.168.5.1
B. 192.168.11.0
C. 192.168.11.255
D. 192.168.255.255

Answer: C

QUESTION 1036
A senior technician is reconfiguring the company's firewall because a number of additional devices have been added to the network. The company has acquired a new VoIP phone system, and a group of junior technicians has set up an experimental lab with access to the Internet. Management has given the team latitude for research and development, but would like the company network to be secure and the performance to remain consistent with existing baselines. Which of the following would be the BEST method to reconfigure the network?

A. The technician should put the junior team's lab in a VLAN and the phone system in the DMZ.
B. The technician should put the junior team's lab in a DMZ and the phone system in a VLAN.
C. The technician should put the junior team's lab in the LAN and the phone system in the WAN.
D. The technician should put the junior team's lab in the WAN and the phone system in a WLAN

Answer: B

QUESTION 1037
A network technician discovers there is no connectivity on a T1 line even though the cable connection appears to be in place. The router shows there is no active connection on the port. The issue is occurring between the demarcation point and the router port. The router cable tests fine and is terminated at the demarcation panel. Which of the following tools should be used to fix the issue?

A. Punchdown tool
B. Crimper
C. OTDR
D. Loopback adapter

Answer: A

QUESTION 1038
Which of the following properties should be configured to extend logical network separation on an uplink interface to a second switch?

A. 802.1Q trunking
B. Multiple untagged ports
C. Port mirroring
D. Management VLAN

Answer: A

QUESTION 1039
A new datacenter is being created, and management is trying to control access to that area. Which of the following are the BEST choices for providing access to the new datacenter? (Choose two.)

A. Captive portal
B. Wireless IP camera
C. Biometrics
D. Key fob
E. Private key infrastructure
F. Access control list

Answer: CD

QUESTION 1040
A network technician is capturing packets on the network and notices a UDP packet stream from a phone to the PBX system. The payload of the packet shows the phone downloaded the file cm7910-sccp-load- 2995.xml. Which of the following protocols was MOST likely used to download this file?

A. SIP
B. TFTP
C. SSL
D. ICMP

Answer: B

QUESTION 1041
A server administrator is building an email server. To protect the corporate/internal network from external users, the email server should be placed:

A. on the intranet.
B. in a subnet isolated from the internal network.
C. on the company LAN segment.
D. in the DMZ.

Answer: D

QUESTION 1042
A security manager asks the network administrator to block VoIP protocols using the default ports on the corporate firewall. Which of the following ports should be blocked to prevent this type of traffic from going outside the company's network? (Choose three.)

A. 67
B. 68
C. 161
D. 636
E. 1720
F. 5060
G. 5061

Answer: EFG

QUESTION 1043
When connecting to a network device through a remote connection for configuration purposes, which of the following protocols is MOST secure?

A. SFTP
B. SSH
C. SNMPv1
D. LDAPS

Answer: B

QUESTION 1044
A network technician is helping an end user who is working on a spreadsheet for a very important client. The client can see the file on the remote share but is not able to open the document to print it. This issue is associated with which of the following OSI layers?

A. Layer 2
B. Layer 3
C. Layer 6
D. Layer 7

Answer: D

QUESTION 1045
A network device compares a computed value of its major software components against a stored value. While the network device is loading, the device halts and alerts the administrator that the values are different. Which of the following is the name of the value in use, and what does this process provide? (Choose two.)

A. A snapshot
B. A hash
C. A password service
D. A key
E. Provides authentication
F. Provides integrity
G. Provides confidentiality
H. Provides availability

Answer: BF

QUESTION 1046

A flood disables the equipment in a company's server room. When implementing the disaster recovery plan, all operations are immediately transitioned to another location with momentary downtime. This is an example of a:

A. warm site.
B. cold site.
C. snapshot.
D. hot site.

Answer: D

QUESTION 1047
A network administrator is reviewing security logs and notes a strange IP address logging into the management console of a switch. The administrator verifies the switch is not using default credentials. Which of the following steps should the administrator take NEXT?

A. Implement restrictions via ACL.
B. Update firmware to the current version.
C. Disable unnecessary services.
D. Check the hash of the running firmware.

Answer: A

QUESTION 1048
Management asks a network technician to install a new connection between two main locations. Management requests that the connection be the fastest possible for data replication. Which of the following would be the MOST appropriate type?

A. PRI
B. ADSL
C. T3/E3
D. ISDN

Answer: C

QUESTION 1049
A user in the finance department can access the department printer and file server yet is unable to print to the marketing department's printer. A technician runs ipconfig and sees the following output:
IPv4 Address. . . . . : 192.168.0.101
Subnet Mask . . . . : 255.255.255.0
Default Gateway . . . . : 192.168.1.1
The technician has verified the user's PC is in the proper VLAN and sees an UP/UP status on the switchport. Which of the following is MOST likely causing the issue?

A. The user's IP is the broadcast address.
B. The two printers share the same IP address.
C. There is an incorrect default gateway on the user's PC.
D. The ARP table on the switch has not been cleared.

Answer: C

QUESTION 1050
A wireless technician needs to deploy a single 802.11 standard that supports both 2.4GHz and 5GHz frequencies with up to 40MHz channel widths. Which of the following wireless standards should the technician configure?

A. ac

B. b
C. g
D. n

Answer: D

QUESTION 1051
To increase security and usability of the wireless network, a back-end RADIUS server is used to authenticate users. Which of the following encryptions methods should be used to accomplish this?

A. WPA2-Personal
B. WPA2-Enterprise
C. WPA
D. WEP

Answer: B

QUESTION 1052
A network technician is investigating a device that has been reported as responding slowly. Which of the following should the technician check FIRST?

A. Power status
B. Traffic analysis
C. Logical diagram
D. Utilization

Answer: D

QUESTION 1053
A network engineer utilizes a box of Cat5e cable in a datacenter for use between 10Gbps switches in a single rack. After the engineer finishes the installation, switch administrators notice random speed drops and intermittent connection issues. Which of the following is this an example of?

A. Incorrect cable type
B. Attenuation
C. Incorrect pinout
D. Bad ports

Answer: A

QUESTION 1054
A document outlining the types of actions allowed on the corporate network would be BEST defined as an:

A. AUP.
B. NDA.
C. MOU.
D. MOA.

Answer: A

QUESTION 1055
Which of the following may state: "Employees may not browse social media websites from company- owned computers?"

A. AUP

B. BYOD
C. NDA
D. SLA

Answer: A

QUESTION 1056
A technician is performing a site survey in an area of a university where both faculty and students are reporting poor performance of their wireless connections. The technician gathers the following data in the problem area:

AP1
SSID:	FacultyAP
Wireless standard:	802.11n
Max data rate:	300Mbps
Frequency:	2.4GHz
Channel:	1
Signal strength:	-40dB
SNR:	-15dB
Number of clients:	13
Antenna type:	(3x) Dipole

AP2
SSID:	StudentAP
Wireless standard:	802.11n
Max data rate:	300Mbps
Frequency:	2.4GHz
Channel:	3
Signal strength:	-46dB
SNR:	-21dB
Number of clients:	14
Antenna type:	(3x) Dipole

AP3
SSID:	BuildingAutomationAP
Wireless standard:	802.11n
Max data rate:	300Mbps
Frequency:	2.4GHz
Channel:	2
Signal strength:	-38dB
SNR:	-13dB
Number of clients:	12
Antenna type:	Dipole

Which of the following would MOST likely resolve the issue?

A. There are too many wireless clients. Increase the number of APs to handle the traffic load.

B. The SNR is not at an acceptable level. Change the channel on the APs.
C. The signal strength is too low. Replace the equipment with devices that have better radio antennas.
D. The channel numbers on some APs are invalid. Switch AP2 and AP3 to use channel 1.
E. The type of antenna is inappropriate for the environment. Switch to 13dBi Yagi antennas.

Answer: B

QUESTION 1057
A company recently completed construction of a new remote office. The network administrator needs to set up new network devices, such as printers and a local file server, at the remote location. The new devices need to be configured on the same Layer 2 network as the main office. Which of the following should the network administrator configure?

A. Remote desktop gateway
B. Transport mode IPSec
C. SSH tunneling
D. TLS VPN

Answer: D

QUESTION 1058
A lab environment hosts Internet-facing web servers and other experimental machines, which technicians use for various tasks. A technician installs software on one of the web servers to allow communication to the company's file server, but it is unable to connect to it. Other machines in the building are able to retrieve files from the file server. Which of the following is the MOST likely reason the web server cannot retrieve the files, and what should be done to resolve the problem?

A. The lab environment's IDS is blocking the network traffic.
    The technician can whitelist the new application in the IDS.
B. The lab environment is located in the DMZ, and traffic to the LAN zone is denied by default.
    The technician can move the computer to another zone or request an exception from the administrator.
C. The lab environment has lost connectivity to the company router, and the switch needs to be rebooted.
    The technician can get the key to the wiring closet and manually restart the switch.
D. The lab environment is currently set up with hubs instead of switches, and the requests are getting bounced back.
    The technician can submit a request for upgraded equipment to management.

Answer: B