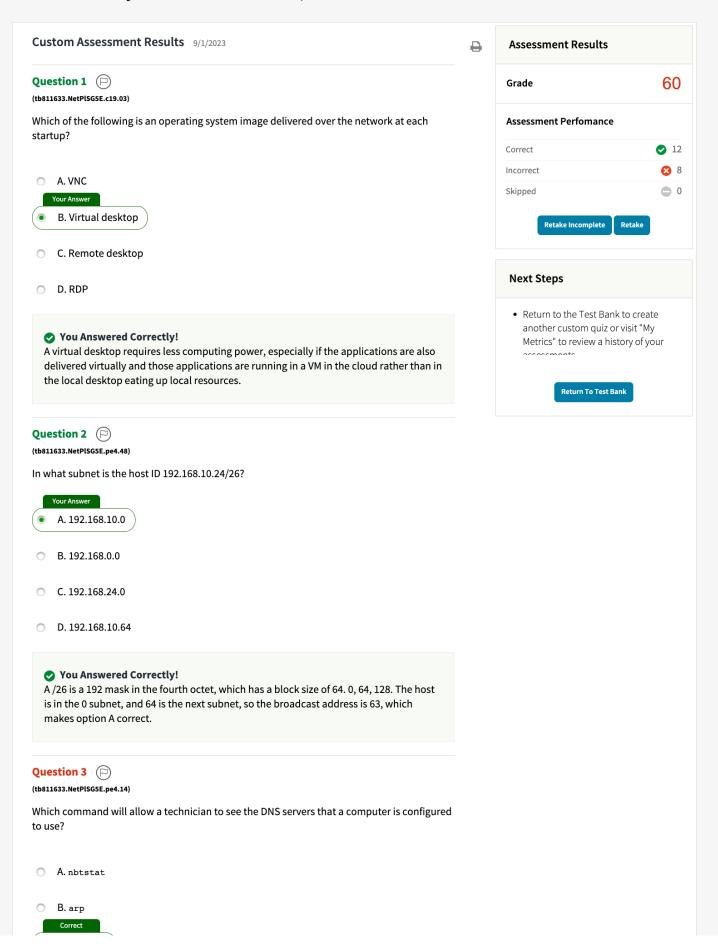
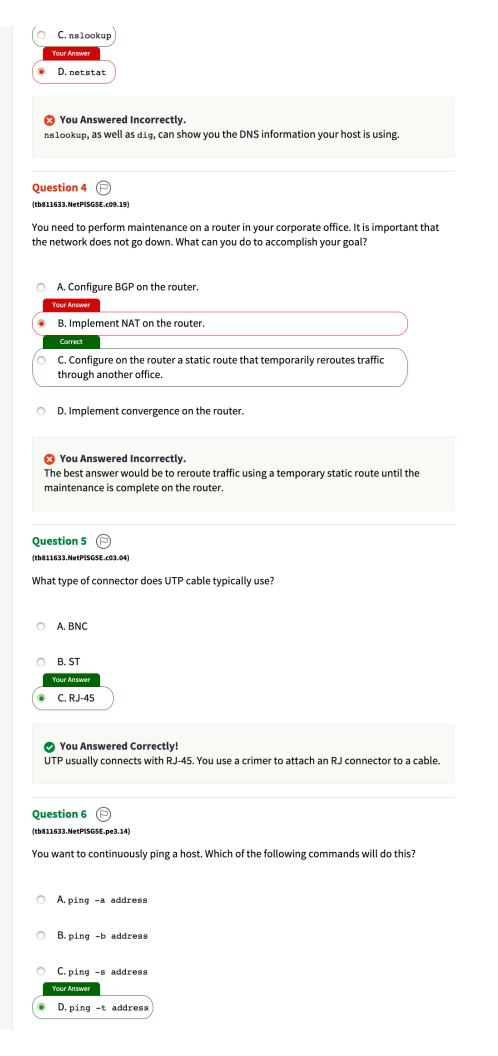
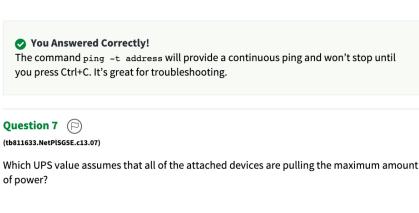




### Network+ Study Guide: Exam N10-008, 5th Edition









### You Answered Correctly!

The capacity value assumes that all the attached devices are pulling the maximum amount of power, which they rarely do. As a rule of thumb, if you multiply the VA times .6, you will get a rough estimate of the maximum load your UPS may undergo at any particular time.

### Question 8

(tb811633.NetPlSG5E.pe5.47)

The network administrator of a Windows server network recently added a Domain Name Service (DNS) server to the network, and the IP address of the DNS server is allocated to all clients via a DHCP server. The network users were then instructed to update their Transmission Control Protocol/ Internet Protocol (TCP/IP) configuration to ensure that they will use the correct DNS server. What command should the users input?



#### You Answered Correctly!

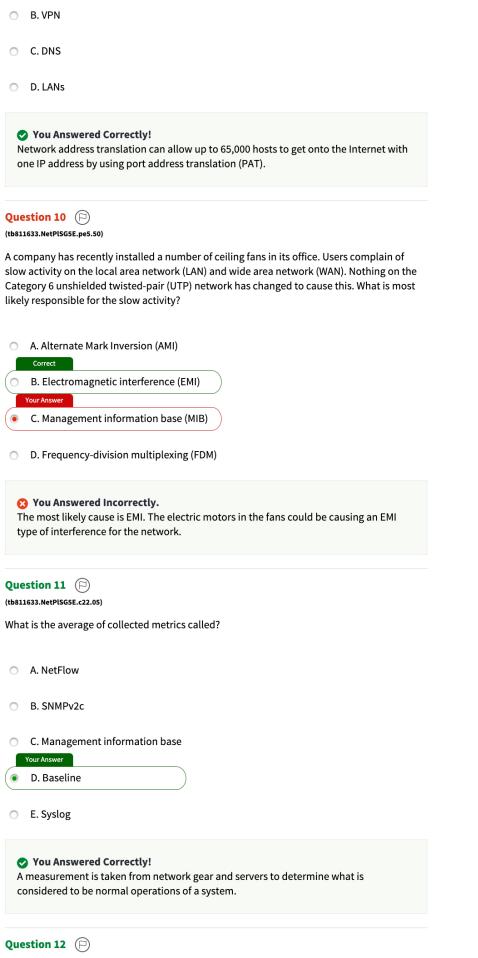
The ipconfig /renew command forces the Windows workstation to update and renew its DHCP lease, which will update the new DNS server address.

## Question 9

(tb811633.NetPlSG5E.c08.20)

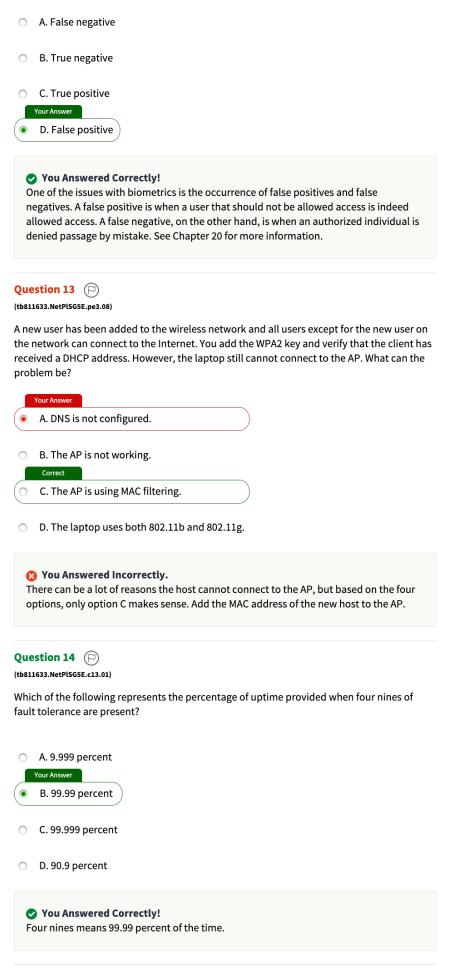
You have one IP address provided from your ISP with a /30 mask. However, you have 300 users that need to access the Internet. What technology will you use to implement a solution?



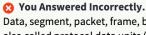


(tb811633.NetPlSG5E.at.39)

Which of the following occurs when an illegitimate user is allowed access in a biometric system?



## (tb811633.NetPlSG5E.pe1.37) Which of the following Application layer protocols is not connection-oriented? O A. FTP B. TFTP C. HTTP D. Telnet You Answered Incorrectly. Trivial File Transfer Protocol (TFTP) uses UDP at the Transport layer and is considered unreliable and not connection-oriented. Question 16 (tb811633.NetPlSG5E.c13.10) Which of the following is the maximum amount of power the UPS can supply at any moment in time? A. Maximum load B. Volts ampere O C. UPC Your Answer D. Capacity You Answered Correctly! Capacity is the maximum amount of power the UPS can supply at any moment in time. So if it has a capacity of 650 volt amperes (VA) and you attempt to pull 800 VA from the UPS, it will probably shut itself down. Question 17 (tb811633.NetPlSG5E.pe5.10) Which of the following options lists the correct order for the encapsulation method? A. Data, packet, segment, frame, bits



B. Data, segment, packet, frame, bits

C. Data, segment, frame, packet, bits

D. Bits, packet, segment, frame, data

Data, segment, packet, frame, bits is the order for the encapsulation method. These are also called protocol data units (PDUs).

# (tb811633.NetPlSG5E.c11.03) Which switching technology reduces the size of a broadcast domain? O A. ISL O B. 802.1Q C. VLANs O D. STP You Answered Correctly! Virtual LANs break up broadcast domains in layer 2 switched internetworks. Question 19 (tb811633.NetPlSG5E.pe5.39) In what subnet is the host 192.168.10.12/29? A. 192.168.10.0 O B. 182.168.10.10 Correct C. 192.168.10.8 D. 192.168.10.12 E. Not a valid host ID You Answered Incorrectly. The /29 is 255.255.255.248, which is a block size of 8 in the fourth octet. Count by eights until you pass the host ID of 12: 0, 8, 12. The host is in the 8 subnet, and the broadcast address is 11 because 12 is the next subnet. Question 20 (P) (tb811633.NetPlSG5E.c01.02) You need a topology that is scalable to use in your network. Which of the following will you install? A. Bus

To install a physical topology that provides ease of scalability, use a star network. This

is a hub or switch device, and this is the most common LAN network today.

B. Ring

C. Star

D. Mesh

You Answered Incorrectly.

# Next Steps

#### **Next Steps**

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