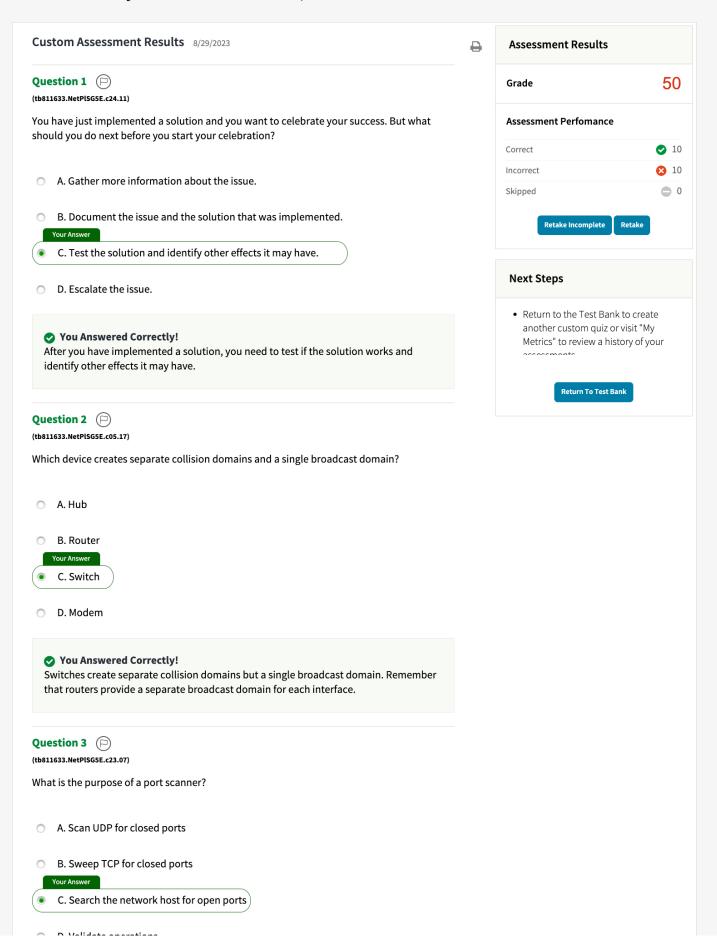




Network+ Study Guide: Exam N10-008, 5th Edition





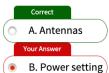
Hope you answered C! A port scanner is just a piece of software designed to search a network for open ports. Administrators of networks use port scanners to ensure security and bad guys use them to compromise it.

Question 4



(tb811633.NetPlSG5E.c18.05)

Which of the following provides the best way to shape a broadcast cell?





D. Multiple APs

You Answered Incorrectly.

When you need to reshape the cell, you use antennas to accomplish this. For example, you may want to send the signal down a long hallway while not transmitting outside the hallway into the parking lot. That could be done with a directional antenna.

Question 5



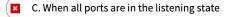
(tb811633.NetPlSG5E.c11.16)

When is STP said to be converged on the root bridge? (Choose two.)

Your answer

A. When all ports are in the forwarding state

B. When all ports are in the blocking state



☐ D. When all ports are in the learning state

You Answered Incorrectly.

The sequence of steps for STP convergence is, by default, blocking, listening, learning, forwarding, disabled. When all ports are in either the blocking or forwarding state, STP is converged.

Question 6

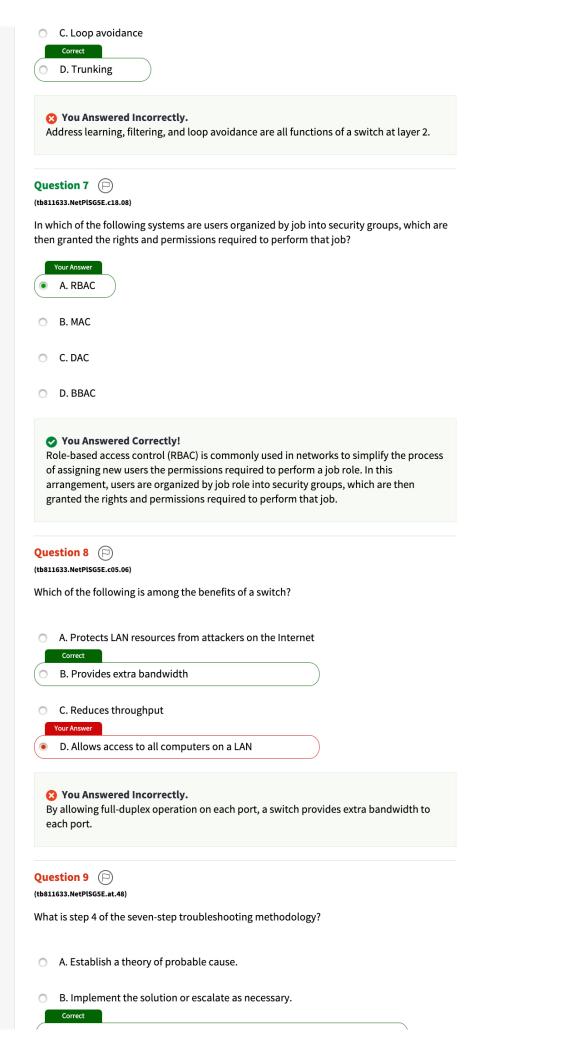


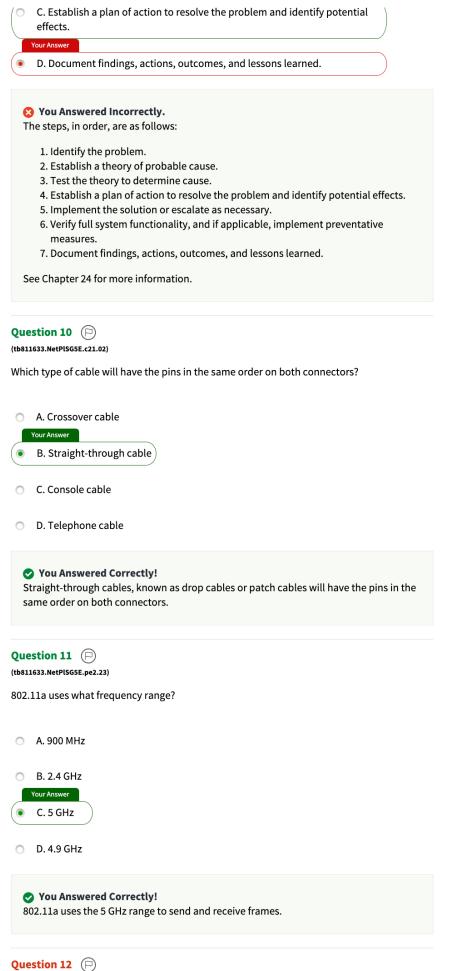
(tb811633.NetPlSG5E.pe6.34)

Which of the following is not a switch function at layer 2?

A. Address learning

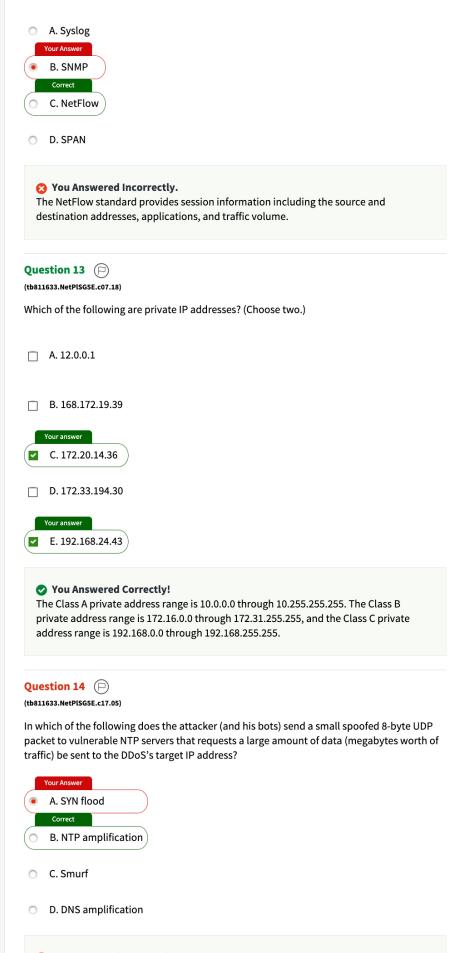
B. Filtering





(tb811633.NetPlSG5E.c22.01)

What protocol provides detailed information on traffic flows between endpoints?

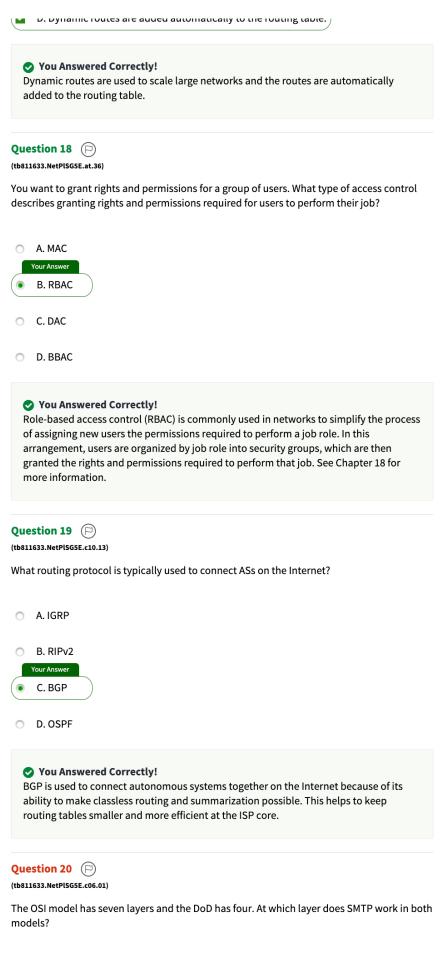


You Answered Incorrectly.

The attackers use the monlist command, a remote command in older versions of NTP, that sends the requester a list of the last 600 hosts who have connected to that server.

This attack can be prevented by using at least NTP version 4.2.7 (which was released in 2010). Question 15 (tb811633.NetPlSG5E.c05.03) Which device is used to segment a network? A. Hub Correct B. Switch C. Repeater Your Answer D. All of the above You Answered Incorrectly. When we say segment, we mean to create multiple collision or broadcast domains. Hubs don't segment a network; they just connect network segments together. Repeaters don't segment the network; they repeat a signal and allow the distance covered to be increased. So the only correct option is B, a switch. Question 16 (P) (tb811633.NetPlSG5E.pe6.32) If an Ethernet port on a router were assigned an IP address of 192.168.10.46/28, what would be the subnet address of this host? O A. 192.168.10.0 Correct B. 192.168.10.32 C. 192.168.10.255 D. 192.168.10.48 You Answered Incorrectly. A /28 is a 255.255.255.240 mask, with a block size of 16 in the fourth octet: 0, 16, 32, 48, and so on. 192.168.10.46 is in the 32 subnet, and the broadcast address is 47. Question 17 (P) (tb811633.NetPlSG5E.pe4.08) Which of the following describe the difference between static and dynamic routing? (Choose two.) ☐ A. Static routes are used to scale large networks. ☐ B. Static routes are used only on the Internet. C. Dynamic routes are used to scale large networks.

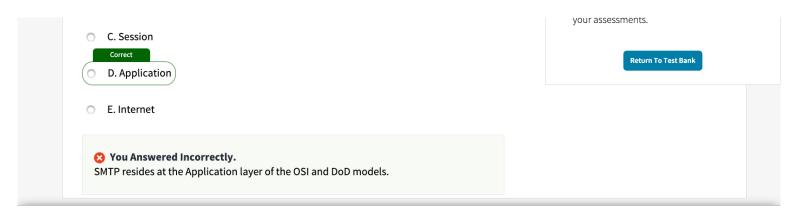
D. Dunamic routes are added automatically to the routing table



A. Network

B. Transport

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