

N10-006 - Quiz R – Answers Provided

Periodically you will face a question where you do not agree with the answer. That purposely happens because the wrong answer has been purposely inserted. When you find that situation raise the issue in the course discussion board under the discussion area relating to this Quiz.

1. A technician has installed an 802.11n network, and most users are able to see speeds of up to 300Mbps. There are a few users who have an 802.11n network card but are unable to get speeds higher than 108Mbps. Which of the following should the technician perform to fix the issue?

- A. Upgrade the OS version to 64-bit
- B. Roll back the firmware on WLAN card
- C. Install a vulnerability patch
- *D. Upgrade the WLAN card driver

2. A small office has an Internet connection that drops out about two times per week. It often takes until the next day for the vendor to come out and fix the issue. Which of the following should the office implement to reduce this downtime?

- A. EULA
- *B. SLA
- C. SOW
- D. MOU

3. A technician installs three new switches to a company's infrastructure. The network technician notices that all the switch port lights on the front of each switch flashes rapidly when powered on and connected. Additionally, there are rapid flashing amber lights on the switches when they started up the next day. Which of the following describes what is occurring with the switches?

- *A. The switches are running through their spanning tree process.
- B. The switches are having problems communicating with each other.
- C. The switches are connected and detected a spanning tree loop.
- D. The switches are not functioning properly and need to be disconnected.

4. How does a DHCP reservation work?

- A. By leasing a set of reserved IP addresses according to their category.
- B. By letting the network switches assign IP addresses from a reserved pool

C. By assigning options to the computers on the network by priority

*D. By matching a MAC address to an IP address within the DHCPscope

5. A home user reports that a speed test website shows the following information:

Download speed: 33.3Mbps

Upload speed: 10.2Mbps

Which of the following is the interpretation of these results?

A. The home PCdownloaded 33.3 MB of data to the website and uploaded 10.2 MB of data from the website.

B. The website upload bandwidth is saturated, and it does not match the download speed.

*C. The home PC is receiving data at 33.3 Mbps and sending data at 10.2 Mbps.

D. The website is downloading data to its server at 33.3 Mbps and uploading data from its server at 10.2 Mbps.

6. An Amplitude Modulation (AM) radio station may have a detrimental effect on which of the following services?

*A. DOCSIS

B. Frame relay

C. SONET

D. Metro-Ethernet

7. Which of the following will allow network traffic to travel across several switches on several VLANs?

A. VLAN assignments

B. Port bonding

C. VLAN ID

*D. Trunking

E. VLAN tagging

F. Port mirroring

8. A network technician has been tasked with connecting three 802.11a clients to an 802.11g access point that is configured for WEP and is within a (9m) line of sight from the client. The clients are unable to associate with the access point. Which of the following is MOST likely the cause of this issue?

- A. Interference
- *B. Wrong frequency
- C. Signal loss
- D. Wrong Encryption

9. Which of the following is used to proxy client requests for IP configurations across different network segments?

- *A. DHCP relay
- B. SOCKS
- C. Teredo tunneling
- D. Reverse proxy

10. Which of the following is the BEST way to prevent various types of security threats throughout the network on a routine basis?

- A. Disaster recovery planning
- *B. User training and awareness
- C. Penetration testing
- D. Business continuity training

11. A network administrator is assigned an approved change request with a change window of 120 minutes. After 90 minutes, the change is stuck on step five of a five-step change. The network manager decides to initiate a rollback. Which of the following describes what the network administrator will do NEXT?

- A. Return the system to step four since this was the last working step.
- B. Request additional time since the change is near completion.
- C. Leave the change as is and inform users of a workaround.
- *D. Return the system back to the original state before the change.

12. A network administrator was told by the Chief Information Officer (CIO) to set up a new office with a network that has redundancy. Which of the following topologies would the network administrator need to administer?

- A. Hybrid
- B. Bus
- *C. Mesh
- D. Partial mesh
- E. Star

13. An engineer is reviewing network logs on a management switch and discovers that, compared to previous reports, a large amount of traffic is coming from a particular node. Upon further investigation, the engineer determines traffic coming from the port in question is using ports that indicate NAT is occurring somewhere downstream from that point. After conferring with another network manager, the team determines a user has added an unauthorized SOHO WLAN router to the network. Among the vulnerabilities that could result from such an action is the possibility of the user inadvertently connecting the LAN interface of the SOHO router into the LAN port coming from the corporate network. This configuration would MOST likely result in which of the following scenarios?

- A. Excessive interface on the corporate LAN port
- B. DHCP scope exhaustion
- *C. Evil twin attacks
- D. Competing DHCP servers on a single LAN

14. An organization wants to improve its ability to detect infiltration of servers in a DMZ, IPS/IDS solutions are currently located on the edge between DMZ and Untrust, and DMZ and Trust. Which of the following can increase visibility inside the DMZ?

- *A. Layer 7 firewall
- B. Honeypot
- C. NAC server
- D. Host-based firewalls in the DMZ

15. A technician receives a report that a user's workstation is experiencing no network connectivity. The technician investigates and notices the patch cable running from the back of the user's VoIP phone is routed directly under the rolling chair and has been smashed flat over time. Which of the following is the most likely cause of this issue?

- A. Cross-talk
- B. Electromagnetic interference
- *C. Excessive collisions
- D. Split pairs

16. Which of the following tools would a network technician use to troubleshoot a span of single-mode fiber cable?

- A. Punchdown tool
- *B. Spectrum analyzer
- C. Ethernet tester
- D. OTDR

17. A network technician has received reports of an Internet-based application that has stopped functioning. Employees reported that after updating the Internet browsers, the application began to fail. Many users rolled back the update, but this did not problem. Which of the following should the company do to reduce this type of action from affecting the network?

- A. Implement a disaster recovery plan with a hot site to allow users to continue working.
- *B. Segment the network and create a test lab for all updates before deployment.
- C. Verify the update hashes match those on the vendor's website.
- D. Coordinate the Internet Server update to coincide with the users' updates.

18. A project lead is reviewing the statement of work for an upcoming project that is focused on identifying potential weaknesses in the organization's internal and external network infrastructure. As part of the project, a team of external contractors will attempt to employ various attacks against the organization. The statement of work specifically addresses the utilization of an automated tool to probe network resources in an attempt to develop logical diagrams indication weaknesses in the infrastructure. The scope of activity as described in the statement of work is an example of:

- A. session hijacking
- B. vulnerability scanning
- C. social engineering
- *D. penetration testing
- E. friendly DoS

19. A network technician is selection the best way to protect a branch office from as many different threat from the Internet as possible using a single device. Which of the following actions would meet the objective?

*A. Configure a network-based firewall.

B. Configure a firewall with UTM.

C. Configure a host-based firewall.

20. A network technician has been tasked to provide a local office with wireless Internet access. The network technician had determined the users will need a wireless router that provides a maximum of 54Mbps of bandwidth while operating in the 2.4Ghz band. Which of the following wireless standards will the network technician deploy?

A. 802.11a

B. 802.11b

*C. 802.11g

D. 802.11n