N10-006 - Quiz U – 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 network technician replaced a faulty Ethernet cable. The technician replaced one side of the patch in the inpart of the patch panel. Within a few minutes, the technician was informed that users were experiencing slow or no Internet connectivity all over the building. A broadcast storm began. After removing the replacement cable, which of the following should the technician do NEXT?

A. Replace the cable during the next maintenance window.

*B. Review labeling and logical network diagram documentation.

C. Attempt to isolate the storm to the domain by rebooting the switch.

D. Re-terminate all of the other Ethernet cables on the switch to isolate the issue.

2. In a network that requires multilayer switches to use authentication via RADIUS/TACACS+, which of the following access control models will the switches need to utilize?

A. 802.1q

B. 802.3af

C. PKI

*D. 802.1x

3. A network administrator is comparing several different wireless technologies. To calculate the effective maximum file transfer rate instead of the theoretical, which of the following should be measured?

*A. Throughput

B. Latency

C. Goodput

D. Bandwidth

4. An organization is required to implement a wireless network. The organization must implement wireless routers compatible with 802.11ac protocol that have maximum possible range. Which of the following wireless router frequencies is a viable option?

*A. 2.4GHz

B. 3.7GHz

C. 5.0GHz

D. 6.0GHz

5. A firewall technician has received calls stating the network is running slowly. The technician has found the firewall is functioning properly. Which of the following should the technician review to determine the cause of the slow performance?

A. SNMP traps

B. Heat maps

*C. Top talkers

D. Port scanner

6. A network's design includes gateways connecting an assembly-line network. The assembly-line network users specialized cabling and interfaces to allow the assembly-line robots to communicate with one another. The IP is connecting the technician workstations with which of the following network types?

A. CSU/DSU

*B. SCADA/ICS

C. IS-IS

D. LAN

7. A network administrator updated an Internet server to evaluate some new featured in the current release. A week after the update, the Internet server vendor warns that the latest release may have introduced a new vulnerability and a patch is in the works. Which of the following should the network administrator do to BEST migrate this risk?

A. Enable the host-based firewall on the Internet server.

B. Enable HIPS to protect the server until the patch is released.

C. Utilize WAF to restrict malicious activity to the Internet server.

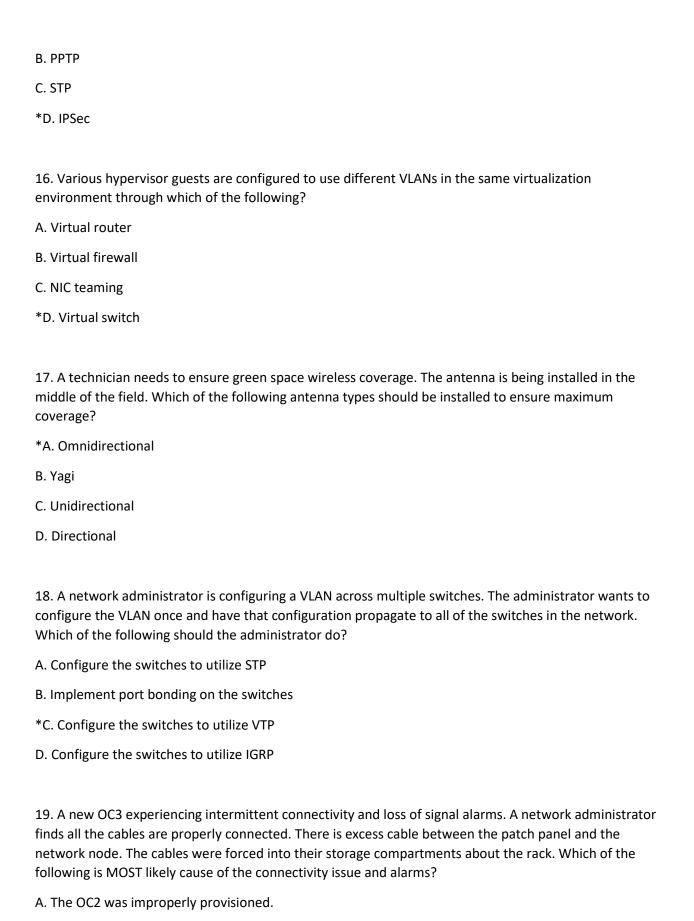*D. Downgrade the server and defer the new feature testing.

8. Which of the following anti-malware solutions should be implemented to deter attackers from loading custom files onto a distributed target platform?

A. Cloud-based anti-malware

*B. Host-based anti-malware

C. Network-based anti-malware

D. Signature-based anti-malware

9. AA technician needs to set up uplink ports for multiple switches to communicate with one another. ALL VLANs should be transferred from the designed server switch. Which of the following should be set on the uplink ports if VLAN 1 is not the management VLAN? (Select two.)

*A. STP

B. Port mirroring

C. Port security

D. 802.1x

E. 802.1q

*F. VTP

G. Link aggregation

10. A technician is tasked with troubleshooting a network's slowness. While troubleshooting, the technician is unable to ping any external websites. Users report they are able to access the sites using the web browsers. Which of the following is the MOST likely cause?

*A. ICMP traffic being blocked by the firewall

B. VLAN hopping

C. TACACS misconfiguration

D. MTU black hole

11. A technician has terminated a cable on the datacenter with an RJ-11 connector. Which of the following applications is MOST likely being used?

A. Ethernet for a NAS appliance

B. Out-of-band management

C. VRRP interconnect link

*D. Crossover patch cabling

12. A company-wide audit revealed employees are using company laptops and desktops for personal gain. As a result, the company has incorporated the phrase "Company-owned IT assets are to be used to perform authorized company business only" in which of the following documents?

A. MSA

B. MOU

C. SLA

*D. AUP

13. An administrator is upgrading the switches in the server room to support 10Gbps of throughput. The switch will need to take advantage of the existing CAT6a lines that are run to each server. Which of the following Ethernet standards should be used?

A. 10GBaseER

B. 10GBaseFX

C. 10GBaseSR

D. 10GBaseSW

*E. 10GBaseT

14. A network technician is working on a large project involving the cabling of a new commercial building. The project involves working with a variety of toxic liquids, some of which require special handling. The technician wants to gain more insight into how items should be handled and stored, and what safety considerations must be made for each item being utilized on the project. Which of the following should the technician review to gather the information needed?

A. ESD warnings

B. NIST publications

C. FIPS

D. ISO Standards

E. IEEE Code

*F. MSDS

15. Which of the following protocols utilizes 3DES encryption by default?

A. GRE

B. PPTP

C. STP

*D. IPSec

16. Various hypervisor guests are configured to use different VLANs in the same virtualization environment through which of the following?

A. Virtual router

B. Virtual firewall

C. NIC teaming

*D. Virtual switch

17. A technician needs to ensure green space wireless coverage. The antenna is being installed in the middle of the field. Which of the following antenna types should be installed to ensure maximum coverage?

*A. Omnidirectional

B. Yagi

C. Unidirectional

D. Directional

18. A network administrator is configuring a VLAN across multiple switches. The administrator wants to configure the VLAN once and have that configuration propagate to all of the switches in the network. Which of the following should the administrator do?

A. Configure the switches to utilize STP

B. Implement port bonding on the switches

*C. Configure the switches to utilize VTP

D. Configure the switches to utilize IGRP

19. A new OC3 experiencing intermittent connectivity and loss of signal alarms. A network administrator finds all the cables are properly connected. There is excess cable between the patch panel and the network node. The cables were forced into their storage compartments about the rack. Which of the following is MOST likely cause of the connectivity issue and alarms?

A. The OC2 was improperly provisioned.

B. The cable was improperly crimped.

*C. The bend radius of the cable has been exceeded.

D. The new OC3 cable is experiencing EMI.

20. A software company is meeting with a car manufactures to finalize discussions. In the signed document, the software company will provide the latest versions of its mapping application suite for the car manufacturer's next generation of cars. In return, the car manufacturer will provide three specific vehicle analytics to the software company to enhance the software company's mapping application suite. The software company can offer its enhanced mapping application to other car manufacturer but must pay the car manufacturer a royalty. Which of the following BEST describes this document?

A. MSA

B. SLA

C. MOU

*D. SOW