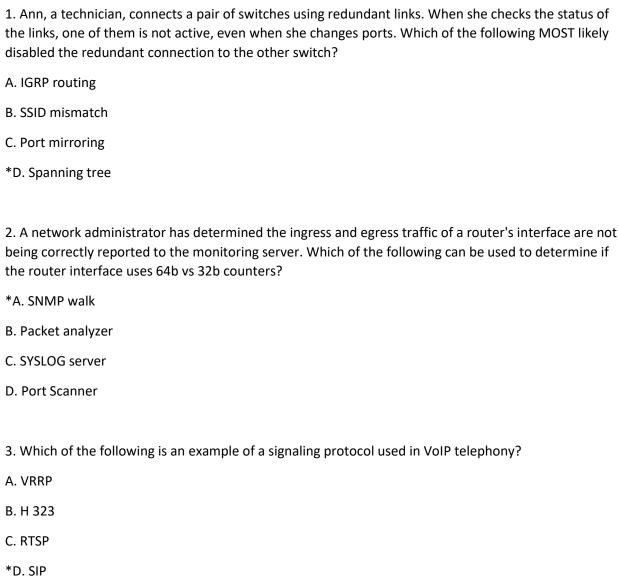N10-006 - Quiz T – Answers Provided

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. Ann, a technician, connects a pair of switches using redundant links. When she checks the status of the links, one of them is not active, even when she changes ports. Which of the following MOST likely disabled the redundant connection to the other switch?

A. IGRP routing

B. SSID mismatch

C. Port mirroring

*D. Spanning tree

2. A network administrator has determined the ingress and egress traffic of a router's interface are not being correctly reported to the monitoring server. Which of the following can be used to determine if the router interface uses 64b vs 32b counters?

*A. SNMP walk

B. Packet analyzer

C. SYSLOG server

D. Port Scanner

3. Which of the following is an example of a signaling protocol used in VoIP telephony?

A. VRRP

B. H 323

C. RTSP

*D. SIP

4. A network administrator is troubleshooting an issue with unstable wireless connections in a residence hall. Students on the first and second floors are reporting the hall's SSID is not visible in the evenings. The network administrator has verified the wireless system is operating normally. Which of the following is the MOST likely cause for the problem reported by students?

*A. Internet router maintenance is scheduled.

B. An ARP attack is underway.

C. The SSID is set to hidden.

D. A jammer is being used.

5. Which of the following is the number of bits there are in 1024 bytes?

A. 512b

B. 4096b

C. 8000b

*D. 8192b

6. Policies, procedures and end-user training are effective ways to mitigate:

*A. zero-day attacks

B. attempted DDoS attacks

C. man-in-the-middle attacks

D. social engineering attempts

7. When a criminal or government investigation is underway, which of the following describes the identification, recovery or exchange of electronic information relevant to that investigation?

A. Data transport

B. First responder

*C. eDiscovery

D. Encryption

8. A network architect is designing a highly redundant network with a distance vector routing protocol in order to prevent routing loops, the architect has configured the routers to advertise failed routes with the addition of an infinite metric. Which of the following methods has the architect chosen?

A. Spanning tree

B. Split horizon

*C. Route poisoning

D. Hold down timers

9. A network engineer is designing a campus-wide wireless network. Wireless access points will be distributed across the campus for maximum availability. The network is to be designed to handle a large number of roaming wireless devices. Which of the following features should the engineer use in order to dynamically limit the number of devices in each broadcast domain?

A. VLAN pooling

B. Subnetting

C. WPA2

*D. LWAPP

10. A company is setting up a brand new datacenter and would like to keep the cabling infrastructure out of sight but still accessible to the network administrators. Infrastructure cost is not an issue. Which of the following should be installed to meet the requirements?

A. Conduit

B. Cable trays

*C. Patch panels

D. Raised floor

11. A technician troubleshooting an area that is having difficulty connecting to a WAP. After identifying the symptoms, which of the following should the technician do NEXT?

A. Document findings.

B. Resolve the issue.

*C. Establish the probable cause.

D. Implement a solution.

12. A network engineer is designing a wireless network that uses multiple access point for complete coverage. Which of the following channel selections would result in the LEAST amount of interference between each access point?

*A. Adjacent access point should be assigned channels 1, 6, and 11 with a 20MHz channel width.

B. Adjacent access points should be assigned channels 2,6, and 10 with a 20MHz channel width.

C. Adjacent access points should be assigned channels 7 and 11 with a 40MHz channel width.

D. Adjacent access points should be assigned channels 8 and 11 with a 40MHz channel width.

13. A network technician is troubleshooting connectivity problems between switches but suspects the ports are not properly labeled. Which of the following options will help to quickly identify the switches connected to each port?

A. Configure TACACs+ on each network device.

*B. Enable a discovery protocol on the network devices.

C. Configure each uplink to send LACP discovery units.

D. Enable a packet sniffer on each network device's uplink port.

14. The BEST way to secure the most vulnerable attack vector for a network is to:

*A. Update all antivirus definitions on workstations and servers.

B. Use biometrics and SSO for authentication.

C. Remove unneeded services running on the servers.

D. Provide end-user awareness training to office staff.

15. Which of the following encryption types would MOST likely be used for securing a client-to-server VPN connection?

A. TKIP

B. Kerberos

C. ISAKMP

*D. AES

16. Host1's application generates a payload of 2500B of data and sends to Host2. When the application on Host2 receives the payload it will be:

A. more than 2500B due to encapsulation.

*B. 2500B in size.

C. less than 2500B due to decapsulation.

D. 1500B due to the default MTU settings.

17. A technician is troubleshooting a desktop connectivity issue. The technician believes a static ARP may be causing the problem. Which of the following should the technician do NEXT according to the network troubleshooting methodology?

A. Remove the ARP entry the user's desktop.

B. Identify a suitable time to resolve the issue on the affected desktop.

*C. Duplicate the issue in a lab by removing the ARP entry.

D. Document the findings and provide a plan of action.

18. An administrator notices an abnormally high level of network traffic from a server. Upon logging into the server, the administrator runs the following command: Which of the following should the administrator use to correlate the active connection with the running service?

A. netstat p

B. Open task manager

*C. route print

D. Open services.mac

19. A network engineer has been tasked with designing a network for a new branch office with approximately 50 network devices. This branch office will connect to the other offices via a MAN. Many of the other branch offices use off-the-shelf SOHO equipment. It is a requirement that the routing protocol chosen use the least amount of overhead. Additionally, all computers on the network will be part of a single VLAN. The connection between these computers should produce the highest throughput possible, in the most cost effective manner. Which of the following devices would be MOST appropriate?

*A. A router should be used as a gateway device, with RIPv2 as the routing protocol. The computers should be connected to one another with a Gb Layer 2 switch.

B. A UTM should be used as a gateway device, with BGP as the routing protocol. The computers should be connected to one another using 1Gb Fibre Channel.

C. A router should be used as a gateway device, with EIGRP as the routing protocol. The computers should be connected to one another using a single 802.11N MIMO access point.

D. A router should be used as a gateway device, with OSPF as the routing protocol. The computers should be connected to one another using a Gb Layer 3 switch.

20. A network technician is responsible for the basic security of the network. Management has asked if there is a way to improve the level of access users have to the company file server. Right now, any employee can upload and download files with basic system credentials. Which of the following would require additional

credentials?

A. Kerberos authentication

B. MDS authentication

*C. Multifactor authentication

D. Single sign-on authentication