

N10-006 - Quiz Q – 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. An administrator's router with multiple interfaces uses OSPF. When looking at the router's status, it is discovered that one interface is not passing traffic. Given the information below, which of the following would resolve this issue?

Output:

Fast Ethernet 0 is up, line protocol is down

Int ip address is 10.20.130.5/25

MTU 1500 bytes, BW10000 kbit, DLY 100 usec

Reliability 255/255, Tx load 1/255, Rx load 1/255

Encapsulation ospf, loopback not set

Keep alive 10

Full duplex, 100Mb/s, 100 Base Tx/Fx

Received 1052993 broadcasts

0 input errors

0 packets output, 0 bytes

0 output errors, 0 collisions, 0 resets

A. Set the loopback address

*B. Enable the connecting port

C. Put the IP address in the right broadcast domain

D. Replace the line card

E. Set OSPF to area 0

2. Which of the following would need to be configured to allow jumbo frames on a network?

*A. MTU

B. NAC

C. MIBS

D. MAC

3. Which of the following infrastructure implementations is used to connect various circuits between remote locations?

*A. WAN

B. PAN

C. WLAN

D. LAN

4. Which of the following Ethernet features will allow increased FCoE network throughput as long as all network devices recognize its specific size?

A. Frame relay

B. TCP offloading

*C. Jumbo frame

D. Quality of service

E. Equal cost multipath

5. A network administrator is configuring one distribution and five access switches, which will be installed in a new building. Which of the following is the BEST physical location for the equipment?

A. The distribution switch in the IDF and the access switches in the MDF

*B. The distribution switch in the MDF and the access switches in the IDF

C. All switches should be placed in the IDF to leave room in the MDF for servers

D. All switches should be placed in the MDF to leave room in the IDF for servers

6. A network technician needs to identify active services that should be disabled on the network. Which of the following tools would BEST accomplish this?

A. Packet analyzer

B. Content filter

C. Interface monitoring tool

*D. Port scanner

7. A technician needs to add new features to existing hardware devices. Which of the following should be performed to add the new features?

- *A. Firmware updates
- B. Changing to IPv6
- C. Cloning
- D. Vulnerability patching

8. Which of the following should a technician upgrade to if the existing wireless standard only allows for three non-overlapping channels and more non-overlapping channels are needed?

- A. 802.11b
- B. 802.11g
- *C. 802.11n
- D. 802.1q

9. Which of the following devices actively defends the network by detecting threats and shutting down ports or changing configurations to prevent attacks?

- A. Honeypot
- *B. IPS
- C. Firewall
- D. IDS

10. A network technician has installed and configured a new wireless router. The clients and hosts can ping each other. The WAN is a 10Gbp/s cable connection. The wired clients have fast connections. The wireless clients are slow to ping and browse the Internet. Which of the following could be the cause of the slow wireless clients?

- *A. An access point experiencing RFI from florescent light bulbs
- B. A router is on the inLAN
- C. A cable connection does not support wireless
- D. A high signal-to-noise ratio on the wireless network

11. Given the following requirements:

Notify administrators of Advanced Packaging Tools (APTs)

Allow network access for clients in the lobby with a password key

Which of the following should be implemented to satisfy these conditions? (Select TWO).

- *A. UTM
- *B. WPA2
- C. IPSec
- D. Firewall
- E. POP3
- F. RADIUS

12. During a business trip a user connects to the hotel's wireless to send emails to customers. The user notices the next day that emails have been sent from the user's account without consent. Which of the following protocols was used to compromise the user's email password utilizing a network sniffer?

- A. SSL
- *B. HTTP
- C. TFTP
- D. DNS

13. The networking concept of split horizon is designed to prevent which of the following?

- A. Large routing tables
- B. Duplicate addresses
- C. Collisions
- *D. Loops

14. A company needs to implement stronger authentication, by adding an authentication factor to their wireless system, which currently only supports WPA with preshared keys. The backend authentication system supports EAP and TTLS. Which of the following should the network administrator implement?

- A. PKI with user authentication

*B. 802.1x using EAP with MSCHAPv2

C. WPA2 with a complex shared key

D. MAC address filtering with IP filtering.

15. A client is concerned with theft of equipment from the datacenter. Which of the following would provide the highest level of physical security for the client?

A. Cipher lock

B. Proximity reader

C. Magnetic key swipe

*D. Man trap

E. CCTV

16. An administrator would like to test out an open source based phone system prior to making an investment in hardware and phones. Which of the following should the administrator do to BEST test the software?

A. Create virtual IP phones in a lab that utilize the STP protocol

B. Deploy an open source VDI solution to create a testing lab

C. Deploy new SIP appliances and connect to it with the open source phone applications

*D. Create a virtual PBX and connect to it with SIP phone applications

17. A technician is setting up a new network and wants to create redundant paths through the network. Which of the following should be implemented to prevent performance degradation?

A. Port mirroring

*B. Spanning tree

C. ARP inspection

D. VLAN

18. An offsite backup company involved in an investigation is not recycling outdated tapes. This is MOST likely due to:

A. the process of eDiscovery

- B. a chain of custody breach
- C. a data transport request
- *D. the notice of a legal hold

19. A campus needs to provide wireless connectivity in a cafeteria with a minimal number of WAPs. Which of the following antenna types will provide the BEST coverage?

- *A. High gain
- B. Bidirectional
- C. Dipole
- D. Omni-directional

20. During a high availability test of a system, a fiber interruption did not re-route traffic. This is an indication of which of the following routing concepts?

- *A. Static
- B. Dynamic
- C. Hybrid
- D. Routing loops