N10-006 - Quiz C – 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 would like to track the improvement of the network infrastructure after upgrades. Which of the following should the technician implement to have an accurate comparison?

A. Regression test

 B. Speed test

*C. Baseline

D. Statement of work

2. It has been determined by network operations that there is a severe bottleneck on the company's mesh topology network. The field technician has chosen to use log management and found that one router is making routing decisions slower than others on the network. This is an example of which of the following?

A. Network device power issues

*B. Network device CPU issues

C. Storage area network issues

D. Delayed responses from RADIUS

3. A network technician receives the following alert from a network device:

"High utilizations threshold exceeded on gi1/0/24 : current value 9413587.54"

Which of the following is being monitored to trigger the alarm?

A. Speed and duplex mismatch

B. Wireless channel utilization

C. Network device CPU

D. Network device memory

*E. Interface link status

4. The administrator's network has OSPF for the internal routing protocol. One port going out to the Internet is congested. The data is going out to the Internet, but queues up before sending.

Output:

- Fast Ethernet 0 is up, line protocol is up

- 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

- Half duplex, 100Mb/s, 100 Base Tx/Fx

- Received 1052993 broadcasts

- 0 input errors

- 983881 packets output, 768588 bytes

- 0 output errors, 0 collisions, 0 reets

Which of the following would resolve this issue?

A. Set the loopback address

B. Change the IP address

C. Change the slash notation

*D. Change duplex to full

5. The RAID controller on a server failed and was replaced with a different brand. Which of the following will be needed after the server has been rebuilt and joined to the domain?

A. Vendor documentation

*B. Recent backups

C. Physical IP address

D. Physical network diagram

6. An administrator reassigns a laptop to a different user in the company. Upon delivering the laptop to the new user, the administrator documents the new location, the user of the device and when the device was reassigned. Which of the following BEST describes these actions?

A. Network map

*B. Asset management

C. Change management

D. Baselines

7. A network technician is diligent about maintaining all system servers' at the most current service pack level available. After performing upgrades, users experience issues with server-based applications. Which of the following should be used to prevent issues in the future?

A. Configure an automated patching server

B. Virtualize the servers and take daily snapshots

C. Configure a honeypot for application testing

*D. Configure a test lab for updates

8. A system administrator has been tasked to ensure that the software team is not affecting the production software when developing enhancements. The software that is being updated is on a very short SDLC and enhancements must be developed rapidly. These enhancements must be approved before being deployed. Which of the following will mitigate production outages before the enhancements are deployed?

*A. Implement an environment to test the enhancements.

B. Implement ACLs that only allow management access to the enhancements.

C. Deploy an IPS on the production network.

D. Move the software team's workstations to the DMZ.

9. A system administrator wants to update a web-based application to the latest version. Which of the following procedures should the system administrator perform FIRST?

A. Remove all user accounts on the server

B. Isolate the server logically on the network

C. Block all HTTP traffic to the server

*D. Install the software in a test environment

10. Network segmentation provides which of the following benefits?

*A. Security through isolation

B. Link aggregation

C. Packet flooding through all ports

D. High availability through redundancy

11. After a company rolls out software updates, Ann, a lab researcher, is no longer able to use lab equipment connected to her PC. The technician contacts the vendor and determines there is an incompatibility with the latest IO drivers. Which of the following should the technician perform so that Ann can get back to work as quickly as possible?

A. Reformat and install the compatible drivers.

B. Reset Ann's equipment configuration from a backup.

C. Downgrade the PC to a working patch level.

D. Restore Ann's PC to the last known good configuration.

*E. Roll back the drivers to the previous version.

12. Which of the following requires the network administrator to schedule a maintenance window?

A. When a company-wide email notification must be sent.

*B. A minor release upgrade of a production router.

C. When the network administrator's laptop must be rebooted.

D. A major release upgrade of a core switchin a test lab.

13. A company has implemented the capability to send all log files to a central location by utilizing an encrypted channel. The log files are sent to this location in order to be reviewed. A recent exploit has caused the company's encryption to become unsecure. Which of the following would be required to resolve the exploit?

A. Utilize a FTP service

*B. Install recommended updates

C. Send all log files through SMTP

D. Configure the firewall to block port 22

14. An outside organization has completed a penetration test for a company. One of the items on the report is reflecting the ability to read SSL traffic from the web server. Which of the following is the MOST likely mitigation for this reported item?

*A. Ensure patches are deployed

B. Install an IDS on the network

C. Configure the firewall to block traffic on port 443

D. Implement a VPN for employees

15. A company has had several virus infections over the past few months. The infections were caused by vulnerabilities in the application versions that are being used. Which of the following should an administrator implement to prevent future outbreaks?

A. Host-based intrusion detection systems

B. Acceptable use policies

C. Incident response team

*D. Patch management

16. When two or more links need to pass traffic as if they were one physical link, which of the following would be used to satisfy the requirement?

A. Port mirroring

B. 802.1w

*C. LACP

D. VTP

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. A training class is being held in an auditorium. Hard-wired connections are required for all laptops that will be used. The network technician must add a switch to the room through which the laptops will connect for full network access. Which of the following must the technician configure on a switch port, for both switches, in order to create this setup?

A. DHCP

B. Split horizon

C. CIDR

*D. TRUNK

19. A desktop computer is connected to the network and receives an APIPA address but is unable to reach the VLAN gateway of 10.10.100.254. Other PCs in the VLAN subnet are able to reach the Internet. Which of the following is MOST likely the source of the problem?

*A. 802.1q is not configured on the switch port

B. APIPA has been misconfigured on the VLAN

C. Bad SFP in the PC's 10/100 NIC

D. OS updates havenot been installed

20. Which of the following communication technologies would MOST likely be used to increase bandwidth over an existing fiber optic network by combining multiple signals at different wavelengths?

*A. DWDM

B. SONET

C. ADSL

D. LACP