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Exam : **SK0-004**

Title : **CompTIA Server+ Certification Exam**

Vendor : **CompTIA**

Version : **DEMO**

NO.1 A technician is responsible for overseeing twelve remote offices. There was a report of a power outage at one of the remote offices the night before, and now one of the servers there has not rebooted even though it was shut down gracefully. The technician was forced to travel two hours just to turn the server on. Which of the following is the MOST cost effective way to prevent future travel?

- A. Install a remote management card in the server.
- B. Install an uninterruptible power supply (UPS) onsite.
- C. Install a generator onsite.
- D. Move the server to the main office.

Answer: A

NO.2 Which of the following is a storage system that can be connected to multiple servers through an iSCSI connection?

- A. DAS
- B. SAN
- C. JBOD
- D. NAS

Answer: B

NO.3 A technician is troubleshooting an issue with a new server, which is unable to download OS patches from the Internet. The technician reviews the following configuration:

Ethernet Adapter Local Area Connection:

Connection-specific DNS Suffix . : comptia.org

Link-local IPv6 Address : fe80::c95:3f59:1a01:c050%11

IPv4 Address : 192.168.10.20

Subnet Mask : 255.255.255.128

Default Gateway : 192.168.10.129

Which of the following is the reason that the server is unable to connect to the Internet?

- A. Misconfigured DNS suffix
- B. Wrong subnet mask
- C. Invalid IPv6 address
- D. Incorrect default gateway

Answer: D

NO.4 A technician is installing two new four-lane PCIe network cards into a server that has two one-lane PCIe slots open, two four-lane PCIe slots open, two eight-lane PCIe slots open, and two 16-lane PCIe slots open. Which of the following is the BEST option for the technician?

- A. Use the two one-lane PCIe slots
- B. Use the two eight-lane PCIe slots
- C. Use the two four-lane PCIe slots
- D. Use the two 16-lane PCIe slots

Answer: C

NO.5 A virtual desktop user is in the process of saving a file when the UPS connected to the VM host server fails and the server powers off. After replacing the failed UPS, the user reports that the file did

not save recent changes. Which of the following storage issues MOST likely caused this?

- A. Storage array rebuild
- B. Insufficient space
- C. Cache battery failure
- D. Improper disk partition

Answer: C

NO.6 An administrator is planning to purchase a new server and wants to ensure the RAM in the server will support double-bit error correction. Which of the following RAM technologies will the server require to support?

- A. Standard ECC memory
- B. Static RAM memory
- C. Parity memory
- D. Standard non-ECC memory

Answer: A

NO.7 A server is connected to a switch, and the server is experiencing erratic connectivity issues. Which of the following should be checked FIRST?

- A. Routing
- B. Duplex settings
- C. NAT settings
- D. Speed settings

Answer: B

NO.8 A server administrator recently applied a local policy to a computer with gpedit.msc. However, the policy keeps reverting back to its original setting the next day. The server administrator is unaware of what is causing this issue. Which of the following BEST describes what is occurring?

- A. The antivirus program installed on the system is blocking access to the Program Files directory
- B. A group policy is overriding the local policies on the next group policy refresh
- C. Another administrator is playing a prank by logging in to the machine and reverting the change
- D. A startup script is running at boot that is reverting the registry key

Answer: B

NO.9 A critical server has stopped responding in a distant location where there are no remote technicians to check the condition of the server. Which of the following can assist in checking the condition of the server? (Choose two.)

- A. iDRAC
- B. Bootstrap protocol
- C. Remote desktop protocol
- D. ILO
- E. SSH
- F. VNC

Answer: D,E

NO.10 Which of the following actions will prevent a driver from being reinstalled automatically?

- A. Disable the device using Device Manager.
- B. Review manufacturer manual.
- C. Reboot the server, logon in Safe Mode, uninstall the driver.
- D. Run the disable command.

Answer: A

NO.11 Which of the following should a systems administrator create to enable network connectivity on a virtual machine? (Choose two.)

- A. A virtual network storage
- B. A virtual network adapter
- C. A virtual network
- D. A virtual switch
- E. An extra network card on the server

Answer: B,D

NO.12 A server has 500GB of data that must be backed up nightly. The administrator has upgraded the old LTO2 drive to an LTO3, but the data still will not fit on a single tape. Which of the following additional steps should the administrator perform to accommodate the data? (Select TWO).

- A. Purchase LTO3 tapes for use in the new drive
- B. Purchase new backup software
- C. Enable compression on the new drive
- D. Reformat all tapes
- E. Delete unnecessary system files

Answer: A,C

NO.13 Which of the following components is required to connect multiple servers to a SAN?

- A. HBA
- B. Router
- C. Fiber switch
- D. RAID controller

Answer: A

NO.14 An administrator needs to build a new virtualization host. The hypervisor should be able to directly access the server hardware and allow the host to provide maximum performance. Which of the following types of hypervisors should the administrator install to BEST meet these goals?

- A. Install a Type 2 hypervisor.
- B. Install a hybrid hypervisor.
- C. Install a Type 1 hypervisor.
- D. Install a 32-bit hypervisor.

Answer: C

NO.15 Users in the accounting department report that they are unable to access a shared network drive used by all departments. Upon troubleshooting, a technician determines that three users in the marketing department, two in sales, five in human resources, and ten in IT are all successfully accessing the shared network drive. Which of the following is MOST likely causing the issue?

- A. The share is unsecured
- B. Incorrect NTFS group permissions
- C. Corrupt user profiles
- D. Excessive page filing on server

Answer: B

NO.16 A system administrator is troubleshooting a network connectivity issue and runs `ipconfig/all` on the host. The command returns the following:

IPv4 Address: 169.254.0.12

Subnet mask: 255.255.0.0

The client is configured for DHCP. Which of the following commands should be run on the client to resolve this issue? (Select TWO).

- A. `ipconfig/renew`
- B. `ipconfig/showclassid`
- C. `ipconfig/release`
- D. `nslookup`
- E. `tracert`
- F. `ipconfig/flushdns`

Answer: A,C

NO.17 A server administrator is assigning an internally routable IPv6 unique local address to servers in a datacenter. Which of the following network addresses should the administrator assign to a server?

- A. 10.40.251.33
- B. fd00:1348:4ef0:1ab9::1fd4
- C. 2901:4868:4800::8844
- D. 192.168.0.10

Answer: C

NO.18 Highly classified data is being shared on a company network. The systems administrator needs to ensure the data is safe and only necessary personnel can access it. Which of the following protocols would be BEST to use for this type of data to be shared?

- A. SSH
- B. FTP
- C. SCP
- D. NTP

Answer: C

NO.19 A technician needs to install more add-on cards than there are available expansion slots.

Which of the following would allow the technician to accomplish this?

- A. Backplane
- B. Array controller
- C. Riser card
- D. CPU daughterboard

Answer: C

NO.20 An administrator needs to install 20 new servers via PXE. Which of the following must be available on the network to complete this task?

- A. SFTP server
- B. TFTP server
- C. DNS server
- D. SCP server

Answer: B

NO.21 A server technician installs a new CPU and heat sink in a server and reconnects all of the cables. After powering on the server, the technician discovers the server is now overheating. The technician ensures the fans in the server are all operating properly. Which of the following power and cooling components is the next MOST likely cause of the temperature issues?

- A. The power consumption of the CPU is too high.
- B. The server is missing a fan shroud.
- C. The power supply voltage is incorrect.
- D. The thermal dissipation of the heat sink is insufficient.

Answer: B

NO.22 An administrator is planning for the deployment of a new database. The database will be 100GB at inception and is expected to grow by 50% every year. Management wants the administrator to plan for the database to be in service for a maximum of five years. Which of the following is the MINIMUM amount of disk space that will meet these requirements?

- A. 1TB
- B. 800GB
- C. 400GB
- D. 600GB

Answer: B

NO.23 Which of the following multifactor authentication methods does the smart card satisfy?

- A. Something you know
- B. Something you look like
- C. Something you are
- D. Something you have

Answer: D

NO.24 Two new applications have been added to a working server. The server response is now very

slow. An appropriate plan of action is to:

- A. install antivirus and malware software.
- B. install another application to see if this improves the server response time.
- C. uninstall each server application and reinstall the two new applications.
- D. uninstall the newly installed applications one at a time.

Answer: D

NO.25 A technician is having problems sending a notification from a server. The technician suspects the firewall may be blocking traffic. Which of the following clients can be used to confirm the technician's suspicions?

- A. traceroute
- B. sendmail
- C. telnet
- D. nslookup

Answer: A

NO.26 An administrator has a drive working properly under Linux and moves it to a Windows server. Which of the following should be performed to ensure Windows can read the disk?

- A. Format the drive with ext4.
- B. Format the drive with NTFS.
- C. Format the drive with ext2.
- D. Format the drive with UFS.

Answer: B

NO.27 After security settings were applied, an application will no longer start on a server. However, users are still able to access the server remotely. Which of the following is MOST likely causing the issue?

- A. The DNS settings were changed
- B. A necessary service was disabled
- C. Port security was tripped
- D. The application was uninstalled

Answer: B

NO.28 A server technician has been tasked with purchasing cables and connectors for a new server room. The server room consists of one switch, two servers, and one IP telephone. Which of the following types of cables and connectors should the technician purchase?

- A. Crossover Ethernet cable and RJ-11 connectors
- B. Coaxial cable and BNC connectors
- C. Straight through Ethernet cable and RJ-45 connectors
- D. Silver satin and RJ-11 connectors

Answer: C

NO.29 In terms of security, which of the following comprises "something you have" ?

- A. ID card
- B. Retina scan
- C. user ID
- D. Password

Answer: A

NO.30 A server is connected to a gigabit Ethernet switch and has negotiated 1Gbps / Full Duplex. When transferring large files to and from other servers on the segment via FTP slow performance is noticed. All network cabling, network hardware and server hardware were verified to be working correctly. Which of the following could be done to improve performance?

- A. Increase the UDP window size.
- B. Decrease the TCP window size.
- C. Increase the TCP window size.
- D. Decrease the UDP window size.

Answer: C