CompTIA

Exam SK0-004

CompTIA Server+

Version: 6.0

[Total Questions: 228]

Question No : 1

Which of the following replication methods is MOST appropriate when integrating data from multiple remote offices?

A. Server to client
B. Server to server
C. Site to site
D. Disk to disk

Answer: C

Question No : 2

A user is unabletosave a newpresentation to the network U:\ drive. The error message indicates that there is no available space. Other users in the department arenotexperiencinganyproblems saving to the U:\ drive.Which of the following is the MOST likely cause of this issue?

A. The user does not have permissions to use the U:\ drive.
B. The user's disk quota has been exceeded on the U:\drive.
C. The user's local drive is out of space.
D. The user does not have the U:\ drive mapped.

Answer: B

Question No : 3

Clients cannot connect to the network. A technician determines that port 68 is not open. Which of the following protocols is being blocked?

A. POP3
B. DNS
C. LDAP
D. DHCP

Answer: D

Question No : 4

A technician receives an error messagewhentrying to boot the server stating the operating system was not found. Change management logs indicateanew hard drive backplane was installed in the server last night. Which of the following should the technician do FIRST when troubleshooting the issue?

A. Check system board cables
B. Rebuild RAID array
C. Reinstall server OS
D. Remove newly installed hardware

Answer: A

Question No : 5

Which of the following describes an alternate site where only the infrastructure (building, power, cooling) has been established?

A. Mirror site
B. Warm site
C. Hot site
D. Cold site

Answer: D

Question No : 6

A system administrator has a database server that crashes at random times. No changes have been made to either the server's software or hardware. Which of the following is the FIRST step the administrator should take towards resolving this issue?

A. Establish an action plan.
B. Perform a root cause analysis.
C. Document the findings.
D. Identify the problem and scope.

Answer: D

Question No : 7

Which of the following is an example of the principle of least privilege and is the MOST secure when granting access to a shared network drive used by the Accounting department?

A. Grant appropriate permissions to only users in the Accounting department for both the share and NTFS
B. Grant all users full control permissions for the share only
C. Grant the Accounting department full control for the share and appropriate NTFS permissions
D. Grant modify permissions to the Accounting department and deny NTFS permissions to all other users

Answer: A

Question No : 8

The logs on a server in a datacenter indicate that the server unexpectedly shut down minutes after the night cleaning crew started their shift. Which of the following is the MOST likely reason for the shut down?

A. A hard disk on the server failed.
B. A power surge occurred.
C. The CPU on the server overheated.
D. A memory module on the server failed.

Answer: B

Question No : 9

A server administrator has been asked to make recommendations for purchase of a new database server that will be processing all of the company accounts. One area of concern from prior experience is the storage type used by the database server. The server is expected to have a large number of transactions that occur, but will not require a large amount of capacity for the data storage. Given these requirements, which of the following storage criteria are MOST important? (Select TWO).

A. Capacity

B. RPM

C. IOPS

D. Seek time and latency

E. Form factor

F. Bus width

Answer: C,D

Question No : 10

A technician is troubleshooting a Linux server and wants to inspect the free disk space on the /dev/sda partition of the system. Which of the following command line tools should the administrator run to view available disk space on the partition?

A. dd

B. du

C. ls

D. df

Answer: D

Question No : 11

A company has 700 servers installed in 50 server racks in the datacenter. The Chief Technology Officer issued a memorandum to the IT department with a directive to reduce power and cooling consumptions by 50% in the datacenters. Which of the following should thesystemadministrators recommend?

A. Implement 208V 3-phase servers

B. Implement hot aisle / cold aisle

C. Virtualize the servers in the datacenter

D. Replace each server with a blade server

Answer: C

Question No : 12

An administrator purchases a new server, which contains only one Xeon processor. This

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server is also known as a:

A. load balancing server.
B. multicore server.
C. redundant server.
D. single-core server.

Answer: B

Question No : 13

A user changed departments from sales to accounting. The user is unable to access the shared network drive containing the accounting department's files. Which of the following should a technician check?

A. File permissions
B. Folder redirections
C. Local group policy
D. Encryption type

Answer: A

Question No : 14

A server administrator is configuring access control on a file server for an organization. The Human Resources manager is taking a leave of absence for three months, during which time an interim Human Resources manager will take over the duties of the position. Which of the following types of access control should be configured on the file server?

A. MAC
B. CBAC
C. DAC
D. RBAC

Answer: D

Question No : 15

An administrator is asked to change a configuration using a GUI on a Windows server, but does not have access to a KVM. Which of the following is BEST to make the change?

A. SSH
B. SCP
C. RDP
D. NTP

Answer: C

Question No : 16

A blade server indicates it has a failed hard disk in Slot 0. This is the third instance of Slot 0 disk failure in three months. Which of the following is the MOST likely cause of the failed hard disk in Slot 0?

A. Host bus adapter
B. Backplane
C. Network interface card
D. Central Processing Unit

Answer: B

Question No : 17

An administrator is securing a secure web server by disabling ports. After completing this process, clients cannot access the secure web server. The administrator should now go back and verify whether which of the following ports is enabled?

A. 23
B. 389
C. 443
D. 445

Answer: C

Question No : 18

Which of the following is the height of 1U of space in a server rack?

A. 1.5 inches (3.8 cm)
B. 1.75 inches (4.4 cm)
C. 2 inches (5.1 cm)
D. 3 inches (7.6 cm)

Answer: B

Question No : 19

When looking at an organization's file server configuration, an IT manager determines that several outages are tied to a lack of redundancy in the disk controller configuration. Which of the following features would the IT manager look for in a new configuration to correct this?

A. Disk shadowing
B. RAID 0
C. Remote journaling
D. Electronic vaulting
E. Disk duplexing

Answer: E

Question No : 20

A line-of-business software patch notification is received. The notification indicates that version 5.0 of the software has new features that the accounting department has been expecting.The update requires a new version of the OS and new version of SQL on the server. Which of the following should the administrator performFIRST?

A. Schedule downtime to update the OS and SQL on the server.
B. Download and test the new version.
C. Develop a plan to build a test server.
D. Request feedback from the accounting department.

Answer: C

Question No : 21

A technician wants to implement a grandfather-father-son tape rotation policy. Which of the following implements this backup strategy?

A. Assign a different set of tapes for daily, weekly, and monthly backups.
B. Use a different set of tapes for every two, four, and eight days.
C. Designate a different set of tapes for odd-day and even-day backups.
D. Use a queue to rotate tapes based on the age and usage of the tape.

Answer: A

Question No : 22

A system administrator is given a server with an existing OS installed and four empty SAS bays. The system administrator is asked to set up a new data drive for testing with 100GB of data. For the best possible performance, which of the following should the system administrator select for the data storage?

A. SCSI
B. SATA
C. Solid state drive
D. Flash drive

Answer: C

Question No : 23

Which of the following is a benefit of utilizing a type 2 hypervisor to manage guests?

A. The administration of the guest OS is significantly less complex.
B. There is reduced resource overhead since there is no OS layer.
C. A type 2 hypervisor offers increased performance over a type 1 hypervisor.
D. There is increased hardware support since there is an OS layer.

Answer: D

Question No : 24

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Which of the following protocols is used primarily for monitoring and managing network devices?

A. SNMP
B. SMTP
C. FTPS
D. NTP

Answer: A

A user accidentally deleted a critical file. A technician tries to restore it from tape backup but receives an error that thefile does not exist on the tape. Which of the following should the technician do FIRST?

A. Verify that the correct tape is in the tape drive.
B. Re-index the tape library.
C. Schedule a differential backup to run now.
D. Update the tape drive firmware.

Answer: A

Which of the following are required characteristics of database servers in high transaction environments? (Select THREE).

A. Two-factor authentication
B. High bandwidth
C. Higher RPM drives
D. Load balancing
E. High latency
F. Hotswappable drives
G. Encryption

Answer: B,C,D