

CompTIA

Exam Questions SK0-005

CompTIA Server+ Certification Exam



NEW QUESTION 1

A server administrator has been creating new VMs one by one. The administrator notices the system requirements are very similar, even with different applications. Which of the following would help the administrator accomplish this task in the SHORTEST amount of time and meet the system requirements?

- A. Snapshot
- B. Deduplication
- C. System Restore
- D. Template

Answer: D

NEW QUESTION 2

A server technician has received reports of database update errors. The technician checks the server logs and determines the database is experiencing synchronization errors. To attempt to correct the errors, the technician should FIRST ensure:

- A. the correct firewall zone is active
- B. the latest firmware was applied
- C. NTP is running on the database system
- D. the correct dependencies are installed

Answer: C

NEW QUESTION 3

A technician is connecting a Linux server to a share on a NAS. Which of the following is the MOST appropriate native protocol to use for this task?

- A. CIFS
- B. FTP
- C. SFTP
- D. NFS

Answer: A

NEW QUESTION 4

A server is reporting a hard drive S.M.A.R.T. error. When a technician checks on the drive, however, it appears that all drives in the server are functioning normally. Which of the following is the reason for this issue?

- A. A S.M.A.R.
- B. error is a predictive failure notice
- C. The drive will fail in the near future and should be replaced at the next earliest time possible
- D. A S.M.A.R.
- E. error is a write operation error
- F. It has detected that the write sent to the drive was incorrectly formatted and has requested a retransmission of the write from the controller
- G. A S.M.A.R.
- H. error is simply a bad sector
- I. The drive has marked the sector as bad and will continue to function properly
- J. A S.M.A.R.
- K. error is an ECC error
- L. Due to error checking and correcting, the drive has corrected the missing bit and completed the write operation correctly.

Answer: C

NEW QUESTION 5

Which of the following access control methodologies can be described BEST as allowing a user the least access based on the jobs the user needs to perform?

- A. Scope-based
- B. Role-based
- C. Location-based
- D. Rule-based

Answer: B

NEW QUESTION 6

A server administrator was asked to build a storage array with the highest possible capacity. Which of the following RAID levels should the administrator choose?

- A. RAID 0
- B. RAID 1
- C. RAID 5
- D. RAID 6

Answer: A

NEW QUESTION 7

Which of the following would be BEST to help protect an organization against social engineering?

- A. More complex passwords

- B. Recurring training and support
- C. Single sign-on
- D. An updated code of conduct to enforce social media

Answer: D

NEW QUESTION 8

A technician is connecting a server's secondary NIC to a separate network. The technician connects the cable to the switch but then does not see any link lights on the NIC. The technician confirms there is nothing wrong on the network or with the physical connection. Which of the following should the technician perform NEXT?

- A. Restart the server
- B. Configure the network on the server
- C. Enable the port on the server
- D. Check the DHCP configuration

Answer: C

NEW QUESTION 9

A server administrator is experiencing difficulty configuring MySQL on a Linux server. The administrator issues the `getenforce` command and receives the following output:

`># Enforcing`

Which of the following commands should the administrator issue to configure MySQL successfully?

- A. `setenforce 0`
- B. `setenforce permissive`
- C. `setenforce 1`
- D. `setenforce disabled`

Answer: A

NEW QUESTION 10

A server administrator has noticed that the storage utilization on a file server is growing faster than planned. The administrator wants to ensure that, in the future, there is a more direct relationship between the number of users using the server and the amount of space that might be used. Which of the following would BEST enable this correlation?

- A. Partitioning
- B. Deduplication
- C. Disk quotas
- D. Compression

Answer: C

NEW QUESTION 10

A server administrator needs to keep a copy of an important fileshare that can be used to restore the share as quickly as possible. Which of the following is the BEST solution?

- A. Copy the fileshare to an LTO-4 tape drive
- B. Configure a new incremental backup job for the fileshare
- C. Create an additional partition and move a copy of the fileshare
- D. Create a snapshot of the fileshare

Answer: D

NEW QUESTION 11

Which of the following actions should a server administrator take once a new backup scheme has been configured?

- A. Overwrite the backups
- B. Clone the configuration
- C. Run a restore test
- D. Check the media integrity

Answer: D

NEW QUESTION 14

Which of the following describes the installation of an OS contained entirely within another OS installation?

- A. Host
- B. Bridge
- C. Hypervisor
- D. Guest

Answer: C

NEW QUESTION 17

A server technician is installing a Windows server OS on a physical server. The specifications for the installation call for a 4TB data volume. To ensure the partition is available to the OS, the technician must verify the:

- A. hardware is UEFI compliant
- B. volume is formatted as GPT
- C. volume is formatted as MBR
- D. volume is spanned across multiple physical disk drives

Answer: A

NEW QUESTION 19

Which of the following DR testing scenarios is described as verbally walking through each step of the DR plan in the context of a meeting?

- A. Live failover
- B. Simulated failover
- C. Asynchronous
- D. Tabletop

Answer: A

NEW QUESTION 24

A server technician is deploying a server with eight hard drives. The server specifications call for a RAID configuration that can handle up to two drive failures but also allow for the least amount of drive space lost to RAID overhead. Which of the following RAID levels should the technician configure for this drive array?

- A. RAID 0
- B. RAID 5
- C. RAID 6
- D. RAID 10

Answer: C

NEW QUESTION 28

Which of the following should an administrator use to transfer log files from a Linux server to a Windows workstation?

- A. Telnet
- B. Robocopy
- C. XCOPY
- D. SCP

Answer: D

NEW QUESTION 29

Which of the following policies would be BEST to deter a brute-force login attack?

- A. Password complexity
- B. Password reuse
- C. Account age threshold
- D. Account lockout threshold

Answer: A

NEW QUESTION 33

A technician is trying to determine the reason why a Linux server is not communicating on a network. The returned network configuration is as follows:

```
eth0: flags=4163<UP, BROADCAST,RUNNING,MULTICAST> mtu 1500
```

```
inet 127.0.0.1 network 255.255.0.0 broadcast 127.0.0.1
```

Which of the following BEST describes what is happening?

- A. The server is configured to use DHCP on a network that has multiple scope options
- B. The server is configured to use DHCP, but the DHCP server is sending an incorrect subnet mask
- C. The server is configured to use DHCP on a network that does not have a DHCP server
- D. The server is configured to use DHCP, but the DHCP server is sending an incorrect MTU setting

Answer: B

NEW QUESTION 35

A technician needs to set up a server backup method for some systems. The company's management team wants to have quick restores but minimize the amount of backup media required. Which of the following are the BEST backup methods to use to support the management's priorities? (Choose two.)

- A. Differential
- B. Synthetic full
- C. Archive
- D. Full
- E. Incremental
- F. Open file

Answer: AB

NEW QUESTION 36

A company is running an application on a file server. A security scan reports the application has a known vulnerability. Which of the following would be the company's BEST course of action?

- A. Upgrade the application package
- B. Tighten the rules on the firewall
- C. Install antivirus software
- D. Patch the server OS

Answer: D

NEW QUESTION 38

A technician runs top on a dual-core server and notes the following conditions:

top -- 14:32:27, 364 days, 14 users load average 60.5 12.4 13.6

Which of the following actions should the administrator take?

- A. Schedule a mandatory reboot of the server
- B. Wait for the load average to come back down on its own
- C. Identify the runaway process or processes
- D. Request that users log off the server

Answer: D

NEW QUESTION 41

A server administrator needs to harden a server by only allowing secure traffic and DNS inquiries. A port scan reports the following ports are open:

- A. 21
- B. 22
- C. 23
- D. 53
- E. 443
- F. 636

Answer: D

NEW QUESTION 46

A company deploys antivirus, anti-malware, and firewalls that can be assumed to be functioning properly. Which of the following is the MOST likely system vulnerability?

- A. Insider threat
- B. Worms
- C. Ransomware
- D. Open ports
- E. Two-person integrity

Answer: A

NEW QUESTION 51

Which of the following is an example of load balancing?

- A. Round robin
- B. Active-active
- C. Active-passive
- D. Failover

Answer: A

Explanation:

Reference: <https://simplicable.com/new/load-balancing>

NEW QUESTION 56

A server that recently received hardware upgrades has begun to experience random BSOD conditions. Which of the following are likely causes of the issue? (Choose two.)

- A. Faulty memory
- B. Data partition error
- C. Incorrectly seated memory
- D. Incompatible disk speed
- E. Uninitialized disk
- F. Overallocated memory

Answer: AC

NEW QUESTION 57

A server administrator has configured a web server. Which of the following does the administrator need to install to make the website trusted?

- A. PKI
- B. SSL
- C. LDAP
- D. DNS

Answer: A

NEW QUESTION 59

A systems administrator is preparing to install two servers in a single rack. The administrator is concerned that having both servers in one rack will increase the chance of power issues due to the increased load. Which of the following should the administrator implement FIRST to address the issue?

- A. Separate circuits
- B. An uninterruptible power supply
- C. Increased PDU capacity
- D. Redundant power supplies

Answer: C

NEW QUESTION 62

Which of the following is a method that is used to prevent motor vehicles from getting too close to building entrances and exits?

- A. Bollards
- B. Reflective glass
- C. Security guards
- D. Security cameras

Answer: A

NEW QUESTION 64

A technician is configuring a server that requires secure remote access. Which of the following ports should the technician use?

- A. 21
- B. 22
- C. 23
- D. 443

Answer: D

NEW QUESTION 69

A server administrator receives a report that Ann, a new user, is unable to save a file to her home directory on a server. The administrator checks Ann's home directory permissions and discovers the following:

`dr-xr-xr-- /home/Ann`

Which of the following commands should the administrator use to resolve the issue without granting unnecessary permissions?

- A. `chmod 777 /home/Ann`
- B. `chmod 666 /home/Ann`
- C. `chmod 711 /home/Ann`
- D. `chmod 754 /home/Ann`

Answer: D

NEW QUESTION 74

Which of the following is typical of software licensing in the cloud?

- A. Per socket
- B. Perpetual
- C. Subscription-based
- D. Site-based

Answer: C

NEW QUESTION 75

A user cannot save large files to a directory on a Linux server that was accepting smaller files a few minutes ago. Which of the following commands should a technician use to identify the issue?

- A. `pvdisplay`
- B. `mount`
- C. `df -h`
- D. `fdisk -l`

Answer: C

NEW QUESTION 80

A systems administrator is setting up a server on a LAN that uses an address space that follows the RFC 1918 standard. Which of the following IP addresses should the administrator use to be in compliance with the standard?

- A. 11.251.196.241
- B. 171.245.198.241
- C. 172.16.19.241
- D. 193.168.145.241

Answer: C

Explanation:

Reference: <https://whatis.techtarget.com/definition/RFC-1918>

NEW QUESTION 84

An administrator needs to perform bare-metal maintenance on a server in a remote datacenter. Which of the following should the administrator use to access the server's console?

- A. IP KVM
- B. VNC
- C. A crash cart
- D. RDP
- E. SSH

Answer: D

NEW QUESTION 87

A technician needs to provide a VM with high availability. Which of the following actions should the technician take to complete this task as efficiently as possible?

- A. Take a snapshot of the original VM
- B. Clone the original VM
- C. Convert the original VM to use dynamic disks
- D. Perform a P2V of the original VM

Answer: A

NEW QUESTION 90

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