

# CompTIA

## Exam Questions SK0-005

CompTIA Server+ Certification Exam



#### NEW QUESTION 1

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 2

A server administrator is testing a disaster recovery plan. The test involves creating a downtime scenario and taking the necessary steps. Which of the following testing methods is the administrator MOST likely performing?

- A. Backup recovery
- B. Simulated
- C. Tabletop
- D. Live failover

**Answer:** C

#### NEW QUESTION 3

A systems administrator needs to configure a new server and external storage for a new production application environment. Based on end-user specifications, the new solution needs to adhere to the following basic requirements:

- \* 1. The OS must be installed in a separate disk partition. In case of hard drive failure, it cannot be affected.
- \* 2. Application data IOPS performance is a must.
- \* 3. Data availability is a high priority, even in the case of multiple hard drive failures.

Which of the following are the BEST options to comply with the user requirements? (Choose three.)

- A. Install the OS on a RAID 0 array.
- B. Install the OS on a RAID 1 array.
- C. Configure RAID 1 for the application data.
- D. Configure RAID 5 for the application data.
- E. Use SSD hard drives for the data application array.
- F. Use SATA hard drives for the data application array.
- G. Use a single JBOD for OS and application data.

**Answer:** BDE

#### NEW QUESTION 4

An administrator is configuring a host-based firewall for a server. The server needs to allow SSH, FTP, and LDAP traffic. Which of the following ports must be configured so this traffic will be allowed? (Select THREE).

- A. 21
- B. 22
- C. 53
- D. 67
- E. 69
- F. 110
- G. 123
- H. 389

**Answer:** D

#### NEW QUESTION 5

A very old PC is running a critical, proprietary application in MS-DOS. Administrators are concerned about the stability of this computer. Installation media has been lost, and the vendor is out of business. Which of the following would be the BEST course of action to preserve business continuity?

- A. Perform scheduled chkdsk tests.
- B. Purchase matching hardware and clone the disk.
- C. Upgrade the hard disk to SSD.
- D. Perform quarterly backups.

**Answer:** A

#### NEW QUESTION 6

Following a recent power outage, a server in the datacenter has been constantly going offline and losing its configuration. Users have been experiencing access issues while using the application on the server. The server technician notices the data and time are incorrect when the server is online. All other servers are working. Which of the following would MOST likely cause this issue? (Choose two.)

- A. The server has a faulty power supply
- B. The server has a CMOS battery failure
- C. The server requires OS updates
- D. The server has a malfunctioning LED panel
- E. The servers do not have NTP configured
- F. The time synchronization service is disabled on the servers

**Answer:** CF

#### NEW QUESTION 7

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 8

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 9

A company stores extremely sensitive data on an alt-gapped system. Which of the following can Be Implemented to increase security against a potential insider threat?

- A. Two-person Integrity
- B. SSO
- C. SIEM
- D. Faraday cage
- E. MFA

**Answer:** E

#### NEW QUESTION 10

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 10

A technician is installing a variety of servers in a rack. Which of the following is the BEST course of action for the technician to take while loading the rack?

- A. Alternate the direction of the airflow
- B. Install the heaviest server at the bottom of the rack
- C. Place a UPS at the top of the rack
- D. Leave 1U of space between each server

**Answer:** A

#### NEW QUESTION 12

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 15

A server technician has been asked to upload a few files from the internal web server to the internal FTP server. The technician logs in to the web server using PuTTY, but the connection to the FTP server fails. However, the FTP connection from the technician's workstation is successful. To troubleshoot the issue, the technician executes the following command on both the web server and the workstation:

ping ftp.acme.local

The IP address in the command output is different on each machine. Which of the following is the MOST likely reason for the connection failure?

- A. A misconfigured firewall
- B. A misconfigured hosts.deny file
- C. A misconfigured hosts file

D. A misconfigured hosts.allow file

**Answer:** D

#### NEW QUESTION 17

A recent power Outage caused email services to go down. A server administrator also received alerts from the datacenter's UPS. After some investigation, the server administrator learned that each POU was rated at a maximum Of 12A.

#### INSTRUCTIONS

Ensure power redundancy is implemented throughout each rack and UPS alarms are resolved. Ensure the maximum potential PDU consumption does not exceed 80% or 9.6A).

- \* a. PDU selections must be changed using the pencil icon.
- \* b. VM Hosts 1 and 2 and Mail Relay can be moved between racks.
- \* c. Certain devices contain additional details

#### Data Center Racks 1 and 2



- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Graphical user interface, application Description automatically generated

#### NEW QUESTION 19

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 21

A server administrator needs to check remotely for unnecessary running services across 12 servers. Which of the following tools should the administrator use?

- A. DLP
- B. A port scanner
- C. Anti-malware
- D. A sniffer

**Answer:** B

#### NEW QUESTION 22

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:** D

**NEW QUESTION 26**

Which of the following open ports should be closed to secure the server properly? (Choose two.)

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

**Answer:** AC

**NEW QUESTION 30**

Which of the following technologies would allow an administrator to build a software RAID on a Windows server?

- A. Logical volume management
- B. Dynamic disk
- C. GPT
- D. UEFI

**Answer:** B

**NEW QUESTION 35**

A global organization keeps personnel application servers that are local to each country. However, a security audit shows these application servers are accessible from sites in other countries. Which of the following hardening techniques should the organization use to restrict access to only sites that are in the same country?

- A. Configure a firewall
- B. Close the unneeded ports
- C. Install a HIDS
- D. Disable unneeded services.

**Answer:** A

**Explanation:**

Monitors Network Traffic

**NEW QUESTION 37**

A company uses a hot-site, disaster-recovery model. Which of the following types of data replication is required?

- A. Asynchronous
- B. Incremental
- C. Application consistent
- D. Constant

**Answer:** B

**NEW QUESTION 41**

A server administrator is installing a new server that uses 40G0 network connectivity. The administrator needs to find the proper cables to connect the server to the switch. Which of the following connectors should the administrator use?

- A. SFP+
- B. GBIC
- C. SFP
- D. QSFP+

**Answer:** A

**NEW QUESTION 46**

After configuring IP networking on a newly commissioned server, a server administrator installs a straight- through network cable from the patch panel to the switch. The administrator then returns to the server to test network connectivity using the ping command. The partial output of the ping and ipconfig commands are displayed below:

```
ipconfig/all

IPv4 address: 192.168.1.5
Subnet mask: 255.255.255.0
Default gateway: 192.168.1.2

Pinging 192.168.1.2 with 32 bytes of data:

Reply from 192.168.1.2: Request timed out
Reply from 192.168.1.2: Request timed out
Reply from 192.168.1.2: Request timed out
Reply from 192.168.1.2: Request timed out
```

The administrator returns to the switch and notices an amber link light on the port where the server is connected. Which of the following is the MOST likely reason for the lack of network connectivity?

- A. Network port security
- B. An improper VLAN configuration
- C. A misconfigured DHCP server
- D. A misconfigured NIC on the server

**Answer:** D

#### NEW QUESTION 47

A technician is attempting to reboot a remote physical Linux server. However, attempts to command a shutdown -----now result in the loss of the SSH connection. The server still responds to pings. Which of the following should the technician use to command a remote shutdown?

- A. virtual serial console
- B. A KVM
- C. An IDRAC
- D. A crash cart

**Answer:** B

#### NEW QUESTION 49

A server has experienced several component failures. To minimize downtime, the server administrator wants to replace the components while the server is running. Which of the following can MOST likely be swapped out while the server is still running? (Select TWO).

- A. The power supply
- B. The CPU
- C. The hard drive
- D. The GPU
- E. The cache
- F. The RAM

**Answer:** CD

#### NEW QUESTION 53

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 56

An administrator is investigating a physical server that will not Boot into the OS. The server has three hard drives configured in a RAID 5 array. The server passes POST, but the OS does not load. The administrator verifies the CPU and RAM are both seated correctly and checks the dual power supplies. The administrator then verifies all the BIOS settings are correct and connects a bootable USB drive in the server, and the OS loads correctly. Which of the following is causing the issue?

- A. The page file is too small.
- B. The CPU has failed.
- C. There are multiple failed hard drives.
- D. There are mismatched RAM modules.
- E. RAID 5 requires four drives

**Answer:** C

#### NEW QUESTION 61

A server technician notices a server is very low on disk space. Upon inspecting the disk utilization, the technician discovers server logs are taking up a large amount of space. There is no central log server. Which of the following would help free up disk space?

- A. Log rotation
- B. Log shipping
- C. Log alerting
- D. Log analysis

**Answer:** B

#### NEW QUESTION 65

Which of the following will correctly map a script to a home directory for a user based on username?

- A. \\server\users\$username
- B. \\server\%username%
- C. \\server\FirstInitialLastName
- D. \\server\$username\$



**Answer:** B

#### NEW QUESTION 70

A Linux administrator created a script that will run at startup. After successfully writing the script, the administrator received the following output when trying to execute the script:

Bash ./startup.sh:Permission denied

Which of the following commands would BEST resolve the error message?

- A. Chmod +w startup.sh
- B. Chmod 444 startup.sh
- C. Chmod+x startup.sh
- D. Chmod 466 startUp.sh

**Answer:** C

#### NEW QUESTION 73

An administrator needs three distinct security zones in a company's network. Which of the following is the administrator MOST likely to implement?

- A. Host-based firewalls
- B. A Layer 3 firewall
- C. A web application firewall
- D. A circuit-based firewall

**Answer:** B

#### NEW QUESTION 75

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 78

A server administrator needs to create a new folder on a file server that only specific users can access. Which of the following BEST describes how the server administrator can accomplish this task?

- A. Create a group that includes all users and assign it to an ACL.
- B. Assign individual permissions on the folder to each user.
- C. Create a group that includes all users and assign the proper permissions.
- D. Assign ownership on the folder for each user.

**Answer:** C

#### Explanation:

The top portion of the dialog box lists the users and/or groups that have access to the file or folder.

#### NEW QUESTION 81

Due to a recent application migration, a company's current storage solution does not meet the necessary requirements for hosting data without impacting performance when the data is accessed in real time by multiple users. Which of the following is the BEST solution for this issue?

- A. Install local external hard drives for affected users.
- B. Add extra memory to the server where data is stored.
- C. Compress the data to increase available space.
- D. Deploy a new Fibre Channel SAN solution.

**Answer:** D

#### NEW QUESTION 83

A server administrator is swapping out the GPU card inside a server. Which of the following actions should the administrator take FIRST?

- A. Inspect the GPU that is being installed.
- B. Ensure the GPU meets HCL guidelines.
- C. Shut down the server.
- D. Disconnect the power from the rack.

**Answer:** C

#### NEW QUESTION 86

An administrator recommends using a tower server in a small remote office. Which of the following should be added to the server to ensure continuous server operation?

- A. Surge protector
- B. PDU
- C. UPS
- D. Ground strap

**Answer:** C

**NEW QUESTION 91**

Which of the following is the BEST action to perform before applying patches to one of the hosts in a high availability cluster?

- A. Disable the heartbeat network.
- B. Fallback cluster services.
- C. Set the cluster to active-active.
- D. Failover all VMs.

**Answer:** B

**NEW QUESTION 94**

A server administrator has connected a new server to the network. During testing, the administrator discovers the server is not reachable via server but can be accessed by IP address. Which of the following steps should the server administrator take NEXT? (Select TWO).

- A. Check the default gateway.
- B. Check the route tables.
- C. Check the hosts file.
- D. Check the DNS server.
- E. Run the ping command.
- F. Run the tracert command

**Answer:** CD

**NEW QUESTION 96**

A USB drive has been purchased to move files between Windows, \*nix, and Macintosh servers. Which of the following filesystems is the BEST choice to ensure the drive can read and be written to by all of the servers?

- A. ext2
- B. FAT32
- C. NTFS
- D. UFS

**Answer:** B

**NEW QUESTION 98**

Which of the following steps in the troubleshooting theory should be performed after a solution has been implemented? (Choose two.)

- A. Perform a root cause analysis
- B. Develop a plan of action
- C. Document the findings
- D. Escalate the issue
- E. Scope the issue
- F. Notify the users

**Answer:** CF

**NEW QUESTION 103**

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 106**

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