



CompTIA

Exam Questions SK0-005

CompTIA Server+ Certification Exam

NEW QUESTION 1

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 2

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 3

A server in a remote datacenter is no longer responsive. Which of the following is the BEST solution to investigate this failure?

- A. Remote desktop
- B. Access via a crash cart
- C. Out-of-band management
- D. A Secure Shell connection

Answer: D

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

Network connectivity to a server was lost when it was pulled from the rack during maintenance. Which of the following should the server administrator use to prevent this situation in the future?

- A. Cable management
- B. Rail kits
- C. A wireless connection
- D. A power distribution unit

Answer: A

NEW QUESTION 6

A datacenter technician is attempting to troubleshoot a server that keeps crashing. The server runs normally for approximately five minutes, but then it crashes. After restoring the server to operation, the same cycle repeats. The technician confirms none of the configurations have changed, and the load on the server is steady from power-on until the crash. Which of the following will MOST likely resolve the issue?

- A. Reseating any expansion cards in the server
- B. Replacing the failing hard drive
- C. Reinstalling the heat sink with new thermal paste
- D. Restoring the server from the latest full backup

Answer: C

NEW QUESTION 7

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 8

A technician has been asked to check on a SAN. Upon arrival, the technician notices the red LED indicator shows a disk has failed. Which of the following should the technician do NEXT, given the disk is hot swappable?

- A. Stop sharing the volume
- B. Replace the disk
- C. Shut down the SAN
- D. Stop all connections to the volume

Answer: B

NEW QUESTION 9

A technician needs to deploy an operating system that would optimize server resources. Which of the following server installation methods would BEST meet this requirement?

- A. Full
- B. Bare metal
- C. Core
- D. GUI

Answer: C

NEW QUESTION 10

A company's IDS has identified outbound traffic from one of the web servers coming over port 389 to an outside address. This server only hosts websites. The company's SOC administrator has asked a technician to harden this server. Which of the following would be the BEST way to complete this request?

- A. Disable port 389 on the server
- B. Move traffic from port 389 to port 443
- C. Move traffic from port 389 to port 637
- D. Enable port 389 for web traffic

Answer: C

NEW QUESTION 10

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 11

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 15

When configuring networking on a VM, which of the following methods would allow multiple VMs to share the same host IP address?

- A. Bridged
- B. NAT
- C. Host only
- D. vSwitch

Answer: B

NEW QUESTION 19

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 24

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 26

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 29

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 30

A technician needs to install a Type 1 hypervisor on a server. The server has SD card slots, a SAS controller, and a SATA controller, and it is attached to a NAS. On which of the following drive types should the technician install the hypervisor?

- A. SD card
- B. NAS drive
- C. SATA drive
- D. SAS drive

Answer: C

NEW QUESTION 34

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 39

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 40

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 42

A server is performing slowly, and users are reporting issues connecting to the application on that server. Upon investigation, the server administrator notices several unauthorized services running on that server that are successfully communicating to an external site. Which of the following are MOST likely causing the issue? (Choose two.)

- A. Adware is installed on the users' devices
- B. The firewall rule for the server is misconfigured
- C. The server is infected with a virus
- D. Intrusion detection is enabled on the network
- E. Unnecessary services are disabled on the server
- F. SELinux is enabled on the server

Answer: AC

NEW QUESTION 44

A storage administrator is investigating an issue with a failed hard drive. A technician replaced the drive in the storage array; however, there is still an issue with the logical volume. Which of the following best describes the NEXT step that should be completed to restore the volume?

- A. Initialize the volume
- B. Format the volume
- C. Replace the volume
- D. Rebuild the volume

Answer: D

NEW QUESTION 45

A large number of connections to port 80 is discovered while reviewing the log files on a server. The server is not functioning as a web server. Which of the following represent the BEST immediate actions to prevent unauthorized server access? (Choose two.)

- A. Audit all group privileges and permissions
- B. Run a checksum tool against all the files on the server
- C. Stop all unneeded services and block the ports on the firewall
- D. Initialize a port scan on the server to identify open ports
- E. Enable port forwarding on port 80
- F. Install a NIDS on the server to prevent network intrusions

Answer: AD

NEW QUESTION 48

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 51

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: CD

NEW QUESTION 53

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 58

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 61

A server administrator mounted a new hard disk on a Linux system with a mount point of /newdisk. It was later determined that users were unable to create directories or files on the new mount point. Which of the following commands would successfully mount the drive with the required parameters?

- A. echo /newdisk >> /etc/fstab
- B. net use /newdisk
- C. mount -o remount, rw /newdisk
- D. mount -a

Answer: C

NEW QUESTION 66

Which of the following is the MOST appropriate scripting language to use for a logon script for a Linux box?

- A. VBS
- B. Shell
- C. Java
- D. PowerShell
- E. Batch

Answer: A

NEW QUESTION 70

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 73

A systems administrator is setting up a new server that will be used as a DHCP server. The administrator installs the OS but is then unable to log on using Active Directory credentials. The administrator logs on using the local administrator account and verifies the server has the correct IP address, subnet mask, and default gateway. The administrator then gets on another server and can ping the new server. Which of the following is causing the issue?

- A. Port 443 is not open on the firewall
- B. The server is experiencing a downstream failure
- C. The local hosts file is blank
- D. The server is not joined to the domain

Answer: D

NEW QUESTION 74

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 75

A server administrator wants to run a performance monitor for optimal system utilization. Which of the following metrics can the administrator use for monitoring? (Choose two.)

- A. Memory
- B. Page file
- C. Services
- D. Application
- E. CPU
- F. Heartbeat

Answer: AE

NEW QUESTION 76

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 77

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 80

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 83

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 85

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