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
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 3
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 4
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 5
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 6
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 notic
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 erro
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 secto
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 erro
L. Due to error checking and correcting, the drive has corrected the missing bit and completed the write operation correctly.

Answer: C

NEW QUESTION 7
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 8
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 9
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 10
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 10
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 15
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 18
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 21

A systems administrator is performing maintenance on 12 Windows servers that are in different racks at a large datacenter. Which of the following would allow the administrator to perform maintenance on all 12 servers without having to physically be at each server? (Choose two.)

A. Remote desktop
B. IP KVM
C. A console connection
D. A virtual administration console
E. Remote drive access
F. A crash cart

Answer: AB

NEW QUESTION 25
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 26
Which of the following can be BEST described as the amount of time a company can afford to be down during recovery from an outage?

A. SLA
B. MTBF
C. RTO
D. MTTR

Answer: C

NEW QUESTION 29
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 33
An administrator is configuring a server that will host a high-performance financial application. Which of the following disk types will serve this purpose?

A. SAS SSD
B. SATA SSD
C. SAS drive with 10000rpm
D. SATA drive with 15000rpm

Answer: A

NEW QUESTION 36
Users in an office lost access to a file server following a short power outage. The server administrator noticed the server was powered off. Which of the following should the administrator do to prevent this situation in the future?

A. Connect the server to a KVM
B. Use cable management
C. Connect the server to a redundant network
D. Connect the server to a UPS

Answer: D

NEW QUESTION 37
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 41

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 45
Ann, an administrator, is configuring a two-node cluster that will be deployed. To check the cluster's functionality, she shuts down the active node. Cluster behavior is as expected, and the passive node is now active. Ann powers on the server again and wants to return to the original configuration. Which of the following cluster features will allow Ann to complete this task?

A. Heartbeat
B. Failback
C. Redundancy
D. Load balancing

Answer: B

NEW QUESTION 48
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 51
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 53
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 56
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 60
A security analyst suspects a remote server is running vulnerable network applications. The analyst does not have administrative credentials for the server. Which of the following would MOST likely help the analyst determine if the applications are running?

A. User account control

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

Answer: A

NEW QUESTION 63
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 67
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 71
Which of the following tools will analyze network logs in real time to report on suspicious log events?

A. Syslog
B. DLP
C. SIEM
D. HIPS

Answer: C

NEW QUESTION 75
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

Explanation:
Reference:
https://social.technet.microsoft.com/Forums/windows/en-US/07cfcb73-796d-48aa-96a9-08280a1ef25a/m
apping-home-directory-with-username-variable?forum=w7itprogeneral

NEW QUESTION 78
Which of the following documents would be useful when trying to restore IT infrastructure operations after a non-planned interruption?

A. Service-level agreement
B. Disaster recovery plan
C. Business impact analysis
D. Business continuity plan

Answer: C

NEW QUESTION 81
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 86

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 88
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 93
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 94
A server administrator is using remote access to update a server. The administrator notices numerous error messages when using YUM to update the applications on a server. Which of the following should the administrator check FIRST?

A. Network connectivity on the server
B. LVM status on the server
C. Disk space in the /var directory
D. YUM dependencies

Answer: D

NEW QUESTION 96
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 100
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 101
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 103
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