CompTIA

Exam Questions SK0-005

CompTIA Server+ Certification Exam

NEW QUESTION 1
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 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 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 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 company is building a new datacenter next to a busy parking lot. Which of the following is the BEST strategy to ensure wayward vehicle traffic does not interfere with datacenter operations?

A. Install security cameras
B. Utilize security guards
C. Install bollards
D. Install a mantrap

Answer: C

NEW QUESTION 7
A technician is unable to access a server's package repository internally or externally. Which of the following are the MOST likely reasons? (Choose two.)

A. The server has an architecture mismatch

B. The system time is not synchronized
C. The technician does not have sufficient privileges
D. The external firewall is blocking access
E. The default gateway is incorrect
F. The local system log file is full

Answer: AB

NEW QUESTION 8
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 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 15
Which of the following backup types only records changes to the data blocks on a virtual machine?

A. Differential
B. Snapshot
C. Incremental
D. Synthetic full

Answer: C

NEW QUESTION 19
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 24
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 27
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 30
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 32
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 37
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 40
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 44
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 46
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 49
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 50
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 54
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 57
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 59
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 64
A server technician is configuring the IP address on a newly installed server. The documented configuration specifies using an IP address of 10.20.10.15 and a default gateway of 10.20.10.254. Which of the following subnet masks would be appropriate for this setup?

A. 255.255.255.0
B. 255.255.255.128
C. 255.255.255.240
D. 255.255.255.254

Answer: D

NEW QUESTION 65
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 68
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 70
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 75
Which of the following must a server administrator do to ensure data on the SAN is not compromised if it is leaked?

A. Encrypt the data that is leaving the SAN
B. Encrypt the data at rest
C. Encrypt the host servers
D. Encrypt all the network traffic

Answer: B

NEW QUESTION 76
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 78
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 83
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 87
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 91
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 93
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 95
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 97
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:

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 101
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 106

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