QUESTION 38
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

Correct Answer: B

QUESTION 39
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.

Correct Answer: A

QUESTION 40
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

Correct Answer: D

QUESTION 41
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

Correct Answer: C

QUESTION 42
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

Correct Answer: A

QUESTION 43
A snapshot is a feature that can be used in hypervisors to:

A. roll back firmware updates.
B. restore to a previous version.
C. roll back application drivers.
D. perform a backup restore.

Correct Answer: D

QUESTION 44
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

Correct Answer: A

QUESTION 45
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

Correct Answer: CD

QUESTION 46
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

Correct Answer: B

QUESTION 47
A technician has several possible solutions to a reported server issue. Which of the following BEST represents how the technician should proceed with troubleshooting?

A. Determine whether there is a common element in the symptoms causing multiple problems.
B. Perform a root cause analysis.
C. Make one change at a time and test.
D. Document the findings, actions, and outcomes throughout the process.

Correct Answer: D

QUESTION 48
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

Correct Answer: C

QUESTION 49
Which of the following can be used to map a network drive to a user profile?

A. System service
B. Network service
C. Login script
D. Kickstart script

Correct Answer: A

QUESTION 50
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

Correct Answer: D

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

Correct Answer: AC

QUESTION 52
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

Correct Answer: B
QUESTION 53
A server administrator needs to deploy five VMs, all of which must have the same type of configuration. Which of the following would be the MOST efficient way to perform this task?

A. Snapshot a VM.
B. Use a physical host.
C. Perform a P2V conversion.
D. Use a VM template.

Correct Answer: D

QUESTION 54
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

Correct Answer: C

QUESTION 55

Hosting data in different regional locations but not moving it for long periods of time describes:

A. a cold site.
B. data at rest.
C. on-site retention.
D. off-site storage.

Correct Answer: A

QUESTION 56
A server administrator is exporting Windows system files before patching and saving them to the following location:

\\server1\ITDept\

Which of the following is a storage protocol that the administrator is MOST likely using to save this data?

A. eSATA
B. FCoE
C. CIFS
D. SAS

Correct Answer: C

QUESTION 57
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

Correct Answer: C

QUESTION 58
An administrator is troubleshooting a RAID issue in a failed server. The server reported a drive failure, and then it crashed and would no longer boot. There are two arrays on the failed server: a two-drive RAIO 0 set tor the OS, and an eight-drive RAID 10 set for data. Which of the following failure scenarios MOST likely occurred?

A. A drive failed in the OS array.
B. A drive failed and then recovered in the data array.
C. A drive failed in both of the arrays.
D. A drive failed in the data array.

Correct Answer: A

QUESTION 59
A server in a remote datacenter is no longer responsive. Which of the following is the BEST