

- **Vendor: CompTIA**
- **Exam Code: SK0-004**
- **Exam Name: CompTIA Server+ Certification Exam**
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QUESTION 868

An administrator is wiring some Cat 5 cable into a serial cable. Which of the following wiring types should the administrator use?

- A. Rollover
- B. Crossover
- C. EIA 568A on both ends
- D. Straight-through

Answer: A

QUESTION 869

A server technician installs a new CPU and heat sink in a server and reconnects all of the cables. After powering on the server, the technician discovers the server is now overheating. The technician ensures the fans in the server are all operating properly. Which of the following power and cooling components is the next MOST likely cause of the temperature issues?

- A. The server is missing a fan shroud.
- B. The power supply voltage is incorrect.
- C. The thermal dissipation of the heat sink is insufficient.
- D. The power consumption of the CPU is too high.

Answer: A

QUESTION 870

A technician created a job on a backup server to back up the new email server. After a few days, the technician notices the email server logs are not cleaning up after the backups are completed. Which of the following actions can the technician take to correct this issue?

- A. Delete the logs before the backups.
- B. Acquire an application programming interface for backup software.
- C. Back up the server to a network location.
- D. Stop email services, and then perform a backup.

Answer: B

QUESTION 871

A server has a disk array controller with battery-backed cache. Which of the following will MOST likely happen if the server loses power?

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- A. Information in cache will be written to disk once the server regains power, assuming the battery has a charge.
- B. All information in cache is lost, even if the battery has a change.
- C. The battery will supply power to the disk array in the event of a power failure, and cache will not be written to disk.
- D. Information in cache will be transferred to firmware, and no information will be lost.

Answer: A

QUESTION 872

A server administrator is assigning an internally routable IPv6 unique local address to servers in a datacenter. Which of the following network addresses should the administrator assign to a server?

- A. 10.40.251.33
- B. 192.168.0.10
- C. 2901:4868:4800::8844
- D. fd00:1348:4ef0:1ab9::1fd4

Answer: C

QUESTION 873

The systems administrator received an alert that one of the servers went offline. The systems administrator logged on remotely to the machine using the IPMI connection and noticed the following message upon boot up: No logical volumes present. Press F1 to continue. Which of the following is the BEST step for the systems administrator to take to resolve the issue?

- A. Check the array controller to see if the disks are visible.
- B. Verify the array controller to determine if it is seen by the BIOS.
- C. Enter the BIOS and enable the disk.
- D. Resume the server reboot by pressing F1.

Answer: D

QUESTION 874

A system is having disk performance issues, and the administrator wants to upgrade the storage system. Which of the following would provide the fastest and MOST reliable storage?

- A. SSD with SAS
- B. SSD with SATA
- C. Magnetic with SAS
- D. Magnetic with SATA

Answer: A

QUESTION 875

A server administrator is gathering full datacenter inventory of all the server hardware to submit to the IT manager for next year's budget for a technology refresh project. Which of the following life-cycle management stages is this?

- A. Procurement
- B. Usage
- C. Disposal
- D. End-of-life

Answer: D

QUESTION 876

An administrator is given two hard drives and asked to build a redundant storage solution. Which of the following RAID levels should the administrator use?

- A. RAID 0
- B. RAID 1
- C. RAID 4
- D. RAID 5

Answer: B

QUESTION 877

A critical server has stopped responding in a distant location where there are no remote technicians to check the condition of the server. Which of the following can assist in checking the condition of the server? (Choose two.)

- A. VNC
- B. Bootstrap protocol
- C. iDRAC
- D. Remote desktop protocol
- E. SSH
- F. ILO

Answer: EF

QUESTION 878

A server that has been in production for a year needs to be patched. Management enforces a strict policy to be followed on all production servers.

The policy stipulates the following for all change management:

- Changes must be reviewed and accepted by a change committee.
- Changes must be made on development/staging servers two weeks before being made on production servers.
- Changes must have install and uninstall steps in case of issues.

Which of the following are the BEST reasons to have a change management plan in place? (Choose two.)

- A. To keep track of software changes on servers
- B. To minimize unapproved outages or downtime
- C. To enforce all technical personnel do paperwork
- D. To enable management to track hours worked.
- E. To make sure servers never get rebooted.

Answer: AB

QUESTION 879

A backup administrator has created a schedule to run a full backup on Friday and an incremental backup Monday through Thursday. On which of the following days of the week will the backup clear the archive bit on files during the backup?

- A. Monday through Thursday
- B. Monday only
- C. Friday only
- D. Monday through Friday

Answer: C

QUESTION 880

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While deploying a new four-node web server cluster, a systems administrator has been instructed to use a technology that will make the website highly available without incurring any additional hardware costs. Which of the following clustering options is the BEST solution?

- A. Active-active
- B. Active-passive
- C. All-nodes
- D. Round robin

Answer: D

QUESTION 881

An administrator is asked to harden a Linux server after installing the OS. Which of the following should the administrator do FIRST?

- A. Install the latest OS patches.
- B. Set up a personal firewall.
- C. Disable the HIDS.
- D. Enable WOL.

Answer: A

QUESTION 882

A technician runs report and notices utilization on one of the application servers in a round-robin pool is much lower than the others. Which of the following services should be checked FIRST to ensure the server is being fully utilized?

- A. File services
- B. DHCP
- C. ARP
- D. Cluster services

Answer: D

QUESTION 883

A server administrator is selecting cable for a 10GBASE-T server connection. If the server is 246ft (75m) from the switch, which of the following cable types should the administrator choose?

- A. Cat 5
- B. Cat 5e
- C. Cat 6
- D. Cat 6a

Answer: D

QUESTION 884

A server technician is procuring and installing a single-phase rack PDU that will meet the following requirements:

- Maximum line current per phase: 30A
- Rate current per phase: 24A
- Maximum current draw: 6 x 16A
- Nominal voltage: 208V

Based on these requirements, which of the following can be implied regarding load capacity?

- A. Purchase a PDU with a minimum load capacity of 2kVA.
- B. Purchase a PDU with a minimum load capacity of 3kVA.

- C. Purchase a PDU with a minimum load capacity of 4kVA.
- D. Purchase a PDU with a minimum load capacity of 5kVA.

Answer: D

QUESTION 885

A server technician is installing a new server and configuring the newly installed OS. Which of the following steps should be performed FIRST after booting the OS?

- A. Create a backup.
- B. Address security concerns.
- C. Connect to the network.
- D. Join to the domain.

Answer: B

QUESTION 886

A server administrator needs to validate the integrity of all system files. Which of the following methods should the administrator use?

- A. Run a hash program to generate a checksum for all files on the system and compare it to an original report.
- B. Run an encryption program to generate a checksum for all files on the system and compare it to an original report.
- C. Run an antivirus program to generate a checksum for all files on the system and compare it to an original report.
- D. Run a sniffer program to generate a checksum for all files on the system and compare it to an original report.

Answer: A

QUESTION 887

A vendor has released an update pack for the virtualization servers used by a company. The systems administrator has been directed to deploy the update pack following proper change management procedures. Which of the following BEST reflects the order of actions the administrator should follow?

- A. Install the update pack on the test virtualization cluster. Notify the client to conduct testing. Install the update pack on the production virtual cluster. Confirm proper operation of the production servers.
- B. Notify the client to conduct testing. Install the update pack on the test virtualization cluster. Confirm proper operation of the production servers. Install the update pack on the production virtual cluster.
- C. Confirm proper operation of the production servers. Deploy the update pack on the test virtualization cluster. Install the update pack on the production virtual cluster. Notify the client to conduct testing.
- D. Install the update pack on the test virtualization cluster. Confirm proper operation of the production servers. Install the update pack on the production virtual cluster. Notify the client to conduct testing.

Answer: A

QUESTION 888

When grid power goes out, all servers in a rack lose power immediately. The server administrator confirms the servers have dual power supplies, which are connected to separate PDUs. Each of the PDUs is connected to a different UPS. Which of the following is the MOST likely cause of the problem?

- A. Both of the UPS devices were set for the wrong voltage.
- B. The power circuit was tripped on both PDUs.
- C. The server power supplies failed during the outage.
- D. The UPS batteries were discharged.

Answer: B