

- **Vendor: CompTIA**
- **Exam Code: SK0-004**
- **Exam Name: CompTIA Server+ Certification Exam**
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**QUESTION 847**

Management has requested a DRP. It will be used to ensure the return to operation in a timely manner. Which of the following topics should be included? (Choose three.)

- A. Time of year to switch to the DR solution
- B. Effort required to switch over to the DR solution
- C. How administrators will be required to support the DR solution
- D. How many users will be using the systems while in the DR solution
- E. Cost comparison of the different DR methods
- F. How many servers are available to deploy the DR solution
- G. SLA or time frame to switch over to the DR solution

**Answer:** BCG

**QUESTION 848**

An L6-30 plug is considered:

- A. a twist lock.
- B. a Molex.
- C. three-phase.
- D. an Edison.

**Answer:** A

**QUESTION 849**

A server has the following network setup:

IP address 192.168.10.27

Netmask 255.255.255.0

Gateway 192.168.9.1

DNS address 192.168.1.1

The server can ping other servers on its subnet, but nothing beyond that. Which of the following should the administrator change?

- A. The gateway should be 192.168.1.1.
- B. The DNS address should be 192.168.9.1.
- C. The IP address should be 192.168.11.27.
- D. The netmask should be 255.255.254.0

**Answer:** D

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**QUESTION 850**

A server technician is setting up replication for a database server. The technician is designing a server that is fully redundant and highly available. Which of the following replication strategies should be used?

- A. Mirroring
- B. Log shipping
- C. Disk-to-disk
- D. Server-to-server

**Answer: A**

**QUESTION 851**

A file server on the network stores sensitive data for multiple departments in the company. A systems administrator has been instructed to ensure only data stored by the accounting department is encrypted. Which of the following solutions should the systems administrator implement to encrypt this data in the MOST efficient manner?

- A. Disk-level encryption
- B. File-level encryption
- C. Data transfer encryption
- D. User-initiated encryption

**Answer: B**

**QUESTION 852**

A virtual desktop user is in the process of saving a file when the UPS connected to the VM host server fails and the server powers off. After replacing the failed UPS, the user reports that the file did not save recent changes. Which of the following storage issues MOST likely caused this?

- A. Cache battery failure
- B. Improper disk partition
- C. Insufficient space
- D. Storage array rebuild

**Answer: A**

**QUESTION 853**

A server technician is replacing hard disk drives in a server. The server currently has 136GB SAS drives configured with a RAID 0 solution and is using approximately 90GB of its maximum storage capacity. Given this scenario, management would like the technician to replace the hard drives, utilize a "mirroring" RAID configuration, and support 20% growth in space annually for the next five years. Which of the following statements BEST supports these goals?

- A. Procure two 250GB SAS drives and configure RAID 1.
- B. Procure two 250GB SATA drives and configure RAID 1.
- C. Procure two 500GB SAS drives and configure RAID 0.
- D. Procure two 500GB SATA drives and configure RAID 0.

**Answer: A**

**QUESTION 854**

Corporate policy requires data replication to continue even if the servers, which are being protected, crash. Which of the following replication methods fulfills this requirement?

- A. Storage array replication
- B. VM replication
- C. Email server database replication

D. Database log shipping

**Answer:** A

**QUESTION 855**

An administrator is attempting to install a 64-bit OS on a VM that is hosted by a server known to have 64-bit CPUs. However, the new VM will not boot properly. Which of the following is MOST likely the problem?

- A. The server is not a Type 1 hypervisor.
- B. The server is not a Type 2 hypervisor.
- C. The server does not have AMD-V or Intel VT switched on.
- D. The server does not have hybrid server capability turned on.

**Answer:** C

**QUESTION 856**

A server technician is attempting to find a server in the datacenter and only has the server's name. The technician does not have access to log in to the server and does not know where the server is located. Which of the following items would be MOST useful to inventory to aid in future server identification? (Choose two.)

- A. Server make
- B. Server model
- C. Server IP address
- D. Server serial number
- E. Server asset tag

**Answer:** DE

**QUESTION 857**

An administrator receives an alert of a failed hardware component in a virtualization host running critical services. Which of the following should the administrator perform BEFORE replacing the failed component?

- A. Migrate all VMs to another host before replacing the failed component.
- B. Shut down all VMs on the host before replacing the failed component.
- C. Reboot all VMs on the host before replacing the failed component.
- D. Suspend all VMs on the host before replacing the failed component.

**Answer:** B

**QUESTION 858**

A server technician is reviewing a list of WWNs within a SAN storage array before provisioning additional LUNs to VMs. The purpose is to ensure only specific HBAs will have access to a particular LUN. Which of the following BEST describes the technician's purpose?

- A. Direct access bridging
- B. LUN zoning
- C. LUN masking
- D. NIC teaming

**Answer:** C

**QUESTION 859**

One of the servers in the datacenter shuts down multiple times a day. The technician has to physically go to the server and boot it up by pressing the power button. Which of the following are MOST likely causing the problem? (Choose two.)

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- A. Overheating
- B. Processor failure
- C. I/O failure
- D. Power supply failure
- E. Incorrect boot sequence

**Answer:** AD

**QUESTION 860**

An administrator is planning for the deployment of a new database. The database will be 100GB at inception and is expected to grow by 50% every year. Management wants the administrator to plan for the database to be in service for a maximum of five years. Which of the following is the MINIMUM amount of disk space that will meet these requirements?

- A. 400GB
- B. 600GB
- C. 800GB
- D. 1TB

**Answer:** C

**QUESTION 861**

A technician is troubleshooting an issue with communication to another server at a remote location. Which of the following tools should the technician use to help troubleshoot the traffic to and from the server?

- A. Net use
- B. Nslookup
- C. Port scanner
- D. Sniffer

**Answer:** A

**QUESTION 862**

Users at a remote site have reported that a regularly used server is inaccessible. The systems administrator knows users at another site also use the same server, so the administrator contacts them to see if the same issue is occurring. Which of the following troubleshooting steps is this an example of?

- A. Establish a plan to resolve the issue.
- B. Establish a theory of probable cause.
- C. Establish the scope of the issue.
- D. Test the theory of probable cause.

**Answer:** C

**QUESTION 863**

A server administrator is selecting hardware for a new backup server. Disk capacity is the most important requirement for the server. Which of the following drive interface types BEST meets this need?

- A. USB
- B. SATA
- C. SCSI
- D. FC

**Answer: B**

**QUESTION 864**

An administrator is sizing the CPU requirements of a new application. The application requires 12 guest VMs to run concurrently on the host. If each guest requires 500MHz of CPU and the server has two sockets, which of the following CPUs will ensure there are sufficient host CPU resources for this application?

- A. 1.6GHz CPU
- B. 2.0GHz CPU
- C. 2.5GHz CPU
- D. 3.2GHz CPU

**Answer: D**

**QUESTION 865**

An administrator is adding NAS-based storage to a server. Which of the following strategies will allow users to see BEST performance with this new NAS storage?

- A. Connect server to NAS storage using two redundant HBAs.
- B. Connect server to NAS storage using two redundant SCSI controllers.
- C. Connect server to NAS storage using two teamed 1 Gb NICs.
- D. Connect server to NAS storage using two redundant fabric switches.

**Answer: C**

**QUESTION 866**

A server administrator is installing a 64-bit OS on a server hardware and receives the following error message: Processor architecture not supported. Which of the following architectures is causing this error?

- A. ARM
- B. x64
- C. x86
- D. SPARC
- E. Alpha

**Answer: C**

**QUESTION 867**

Users at a company cannot log into a server. An administrator reboots the server with liveCD and executes a `df -h` command. The following is returned:

```
/dev/sda1 /boot          96%  
/dev/sda2 /              5%  
/dev/sda3 /var           100%  
/dev/sda4 /export/home   1%
```

Which of the following should be done NEXT?

- A. Reformat the boot partition.
- B. Compress or delete log files.
- C. Reconfigure the server with a larger primary partition.
- D. Ask users to clean out their home directories from another server.

**Answer: B**