



Vendor: CompTIA

Exam Code: SGO-001

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Certification Exam

Version: DEMO

QUESTION 1

An administrator is attempting to recover corrupted data from a four disk RAID group. However, the administrator does not know which RAID level was used. When investigating the volumes, the administrator notes that there is a duplicate of all data on two of the disks. Which of the following RAID levels was in use?

- A. RAID 0
- B. RAID 5
- C. RAID 6
- D. RAID 10

Answer: D

QUESTION 2

Given an array with sixteen 300GB drives, a storage administrator needs to know how much raw usable space can be made available while still maintaining a highly available RAID configuration with two hot spares. Which of the following is the MAXIMUM capacity that can be allocated and at which RAID level?

- A. 2.1TB, RAID 1
- B. 3.6TB, RAID 6
- C. 3.9TB, RAID 5
- D. 4.8TB, RAID 0

Answer: C

QUESTION 3

When gathering simple baseline statistics for a storage array, a storage administrator should gather which of the following? (Select TWO).

- A. Read/Write errors
- B. Number of switches connected
- C. Reads/Writes performed
- D. Read/Write throughput
- E. Port loss of signal counts

Answer: CD

QUESTION 4

A server has dual power supplies, dual mirrored hard drives, multi-pathed multiple NICs, and a dual port HBA for access into a SAN. Which of the following components is a single point of failure?

- A. Power supplies
- B. HBA
- C. NICs
- D. System hard drives

Answer: B

QUESTION 5

A new storage array is being cabled into a rack. The array has dual controllers, each disk tray has dual power supplies, and there are two in-rack PDUs (C and D). Which of the following is the BEST method for hooking up power?

- A. Connect controller A's PSUs to PDU C, controller B's PSUs to D, alternate drive trays between PDUs C and D.
- B. Connect all drive tray PSUs to C and all controller PDUs to D.
- C. Connect both controller's PSUs to C and all drive tray PSUs to D.
- D. Split all PSU connections between C and D equally.

Answer: D

QUESTION 6

An administrator needs to assign LUN IDs for two new LUNs from the same storage array. The first LUN is being presented as LUN 0 to multiple hosts. The second LUN is being dedicated to a single server which is also included in the group of hosts LUN 0 is presented to. Which of the following is the LOWEST LUN ID that can be assigned to the second LUN?

- A. 0
- B. 1
- C. 2
- D. 16

Answer: B

QUESTION 7

In a direct current only datacenter, which of the following is the MOST important rack installation concern?

- A. Sufficient power capacity
- B. Adequate division of circuits
- C. Adequate humidity control
- D. Grounding of all components

Answer: D

QUESTION 8

Which of the following are the MOST important properties to remember when replacing a faulty SFP? (Select TWO).

- A. SFP TX power
- B. Distance rating
- C. Port speed
- D. SFP RX power
- E. Driver version

Answer: BC

QUESTION 9

Which of the following is the MOST important item a storage administrator should check FIRST for a successful fabric merge?

- A. Faulty SFPs in the switch
- B. Number of aliases in the zoning database
- C. Domain IDs
- D. Total number of ports in the combined fabric

Answer: C

QUESTION 10

Which of the following protocols transmits a password in clear text on the network during the login process?

- A. SFTP
- B. SSH
- C. Telnet
- D. HTTPS

Answer: C

QUESTION 11

A switch with 8Gb ports has been connected with five hosts running at 4Gb speed and two at 2Gb speed. If the switch is communicating through an ISL with another 8Gb switch where the storage array is connected, which of the following will be the oversubscription ratio of this configuration?

- A. 1:1
- B. 2:1
- C. 3:1
- D. 5:1

Answer: C

QUESTION 12

An administrator is tasked to programmatically create twenty 64GB LUNs and one 1GB LUN to be assigned to a four node cluster. Which of the following tools should be used to satisfy the request?

- A. CLI
- B. SMI-S
- C. GUI
- D. SNMP

Answer: A

QUESTION 13

A senior administrator configuring a firewall would like to know the IP address of a frequently accessed website to verify that site was not accidentally blocked in the content filter by the junior administrator's recently-added range of blocked IP addresses. Which of the following tools would be used to find the IP address of the website?

- A. ipconfig/ifconfig
- B. nslookup
- C. netstat
- D. tracert/traceroute

Answer: B

QUESTION 14

A user reports lack of network connectivity on a laptop. No hardware changes have recently occurred on the laptop. Which of the following should the technician check FIRST?

- A. Port
- B. Cable
- C. Firewall
- D. NIC configuration

Answer: B

QUESTION 15

A small business would like to install their new storage equipment in a closet off of their pool deck. Which of the following environmental concerns should a technician consider FIRST?

- A. Fire suppression
- B. Humidity control
- C. Sufficient power
- D. Rack loading

Answer: B

QUESTION 16

Which of the following RAID levels provides the BEST guarantee that data will be retained in the event of drive failure without requiring a rebuild?

- A. RAID 0
- B. RAID 1
- C. RAID 3
- D. RAID 5

Answer: B

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