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SNIA Architect - Assessment, Planning and Design

QUESTION: 91
An array is behaving erratically. Upon working and troubleshooting with the vendor representative, you are told that the only way to clear the problem is to reboot the unit. The vendor states they have seen this behavior previously and feels it will return the unit to a fully operational status. Which three actions should you perform? (Choose three.)

A. Retrieve any logs or MCQs that exist on the array prior to reboot.
B. Reboot the unit as soon as possible to lessen the risk of corruption.
C. Identify the actions to commit if a reboot does not fix the problem before you reboot the array.
D. If this is a known issue, request documentation outlining the symptoms, as well as the cause, if known.

Answer: A, C, D

QUESTION: 92
A company needs to create a tape backup strategy for a file system. On average the file system will be 60% full. Array based virtualization will be used to create the snapshot, which will only be used for the tape backup. Write activity on the production volume will be minimal during the backup process. Which will provide the least impact to the production application?

A. COW snapshot mounted to a tutor/mount server
B. COW snapshot mounted to the application server
C. split mirror snapshot mounted to a tutor/mount server
D. split mirror snapshot mounted to the application server

Answer: A

QUESTION: 93
What are three key advantages of deploying a director-based solution over a mesh of switches? (Choose three.)

A. lower cost
B. consistent latency
C. improved availability
D. increased hop count
E. ease of management

Answer: B, C, E

QUESTION: 94

What information must be gathered during the testing phase BEFORE allowing live customer data on the storage infrastructure? (Choose two.)

A. time to failover, both without and with simulated load
B. single points of failure in the infrastructure as well as topology mapping
C. hardware and software vendor escalation process including phone-home and/or ticket generation
D. powerup order; how long from power application to functionality per component, including dependencies.

Answer: A, D

QUESTION: 95
You notice, from continually monitoring a SAN array, that an array has a number of soft SCSI bus errors. You trace the errors back to a single drive using a vendor's event tool. Which two would correct this? (Choose two.)

A. You should pull the drive out immediately and replace it to prevent data corruption on the RAID set.
B. Soft SCSI bus errors can be safely ignored as they do not actually denote any service requirements.
C. You should research the error to determine the impact and proper response including the vendor in these discussions.
D. Review the logs from the array to identify if there is a pattern of large numbers of these SCSI errors. A large number of these SCSI bus errors may denote a predictive failure.

Answer: C, D

QUESTION: 96
A client has four servers they want to attach to a storage array containing 16 ports. Which topology is the most cost effective for this situation?

A. star
B. mesh
C. point-to-point
D. switched Fabric

Answer: C

QUESTION: 97
The customer currently has 50 servers and 20 direct-attached storage arrays and wants to consolidate their data on a SAN. They want to be able to rapidly add storage and servers with

minimal impact to data availability. Which topology is most appropriate?

A. star
B. mesh
C. core-edge
D. round-robin

Answer: C

QUESTION: 98
A company is utilizing ITIL to create a high availability environment. Maintainability of the IT infrastructure consists of which three stages? (Choose three.)

A. cost of failures
B. detection of failures
C. anticipation of failures
D. restoration of the data and IT service
E. effect of failures on Service Level Agreements

Answer: B, C, D

QUESTION: 99
You are preparing a detailed design, applying ILM principles. Which two processes are performed during the detailed design phase? (Choose two.)

A. Develop an idealized environment.
B. Prepare work-task breakdown structure.
C. Define internal storage parameters used in the implementation.
D. Document current and proposed infrastructure, demonstrating change in capabilities.

Answer: B, C

QUESTION: 100
A four switch Fabric with 8 ports per switch using a full-mesh connectivity approach will have 20 ports available for Fabric attached devices. How many ports will be available using the full mesh approach when increasing the number of switches from four to six?

A. 12
B. 18
C. 20
D. 24

Answer: B

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