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問題集

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Exam : **S10-300**

Title : Snia Storage
Architect-Assessment,Plann
ing&Design

Version : Demo

1. You have been tasked with identifying upgrade options for your networked storage. Which two should you do? (Choose two.)

A. Only select hardware and software that is SMI-S compliant.

B. Share all received information openly with all vendors involved.

C. Understand needs and requirements as well capabilities of your existing technology.

D. Enlist legal advice or support of your purchasing department when creating RFI, RFP, and RFQs.
Answer: CD

2. 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: BCE

3. What is the goal of a SAN designed with no single point of failure?

A. to provide redundant paths to data

B. to have a good data backup system

C. to minimize unexpected loss of data access

D. to have clustered servers so that one is always available
Answer: C

4. Your SAN currently has eight server ports and eight disk ports on one 16 port switch. Each server port requires 80 MB/s of one-way bandwidth, spread out evenly among the storage devices. The customer would like to add 28 server ports along with 28 disk ports. Each server will evenly distribute its traffic on each disk. Using 16 port 1 Gb switches, which topology should you select to minimize the number of switches and ISLs required?

A. star

B. full mesh

C. core-edge

D. point-to-point
Answer: C

5. What is the primary objective of the storage capacity planning process?

A. To demonstrate the effects of changes in storage service levels.

B. To reach agreement with application representatives and management over the storage requirements.

C. To produce a capacity plan at agreed intervals which fits into the business planning cycle, e.g. the financial year.

D. To calculate the effects on ILM service levels, array and fabric utilization of the estimated demand over the period of the planning horizon.
Answer: C

6. When planning a NAS solution, which two sub-processes are associated with NAS Service Capacity Management? (Choose two.)

A. Define future requirements.

B. Manage peak demand for NAS services.

C. Establish IOPS monitoring and exception thresholds.

D. Run reports on the storage and network utilization and IOPS of components.
Answer: BC

7. When implementing a high performance NAS solution you must check for which two items? (Choose two.)

A. Ensure the network is full duplex.

B. Ensure that hosts have 100Mb NICs.

C. Ensure the network is at least 100Mb.

D. Ensure routers are configured for OSPF.
Answer: AC

8. A customer is using host based virtualization to mirror critical data between two vendors disk arrays. Which two scenarios are true? (Choose two)

A. The host can use the same HBA to connect to both arrays

B. The customer can adhere to either vendors SAN design rules

C. The customer must adhere to both vendors SAN design rules

D. The host must use different HBAs with different firmware to connect to each array
Answer: CD

9. A customer has a disk subsystem with eight ports. Each port delivers 200 MB/s. The customer wants a solution designed which allows access from 32 servers with no single point of failure. Which number of HBAs and the associated throughput, provide server access to the disk subsystem?

A. 16 HBAs, 75 MB/s

B. 32 HBAs, 90 MB/s

C. 64 HBAs, 25 MB/s

D. 64 HBAs, 50 MB/s
Answer: C

10. A customer has a terabyte database and is required to back up the data daily. The SLA has allotted 6 hours for completion of the backup from 7:00 P.M. until 1:00 A.M. However, the customer has a tape library with only five SDLT tape devices running at native speeds of 40 GB/hour. Which two should you do to successfully meet the expected SLA requirements? (Choose two.)

A. interleave data streams

B. enable server-based compression

C. use multiple data streams across multiple devices

D. prioritize the schedule to launch during periods of greatest inactivity
Answer: AC