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Exam : **S10-100**

Title : Snia Atorage Network Foundations Exam

Version : DEMO

1. Which two sub-components are required in a specialized NAS operating system? (Choose two.)

A. file system

B. user interface

C. process scheduler

D. communication protocols

Answer: AD

2. Which virtualization technique requires the addition of an agent to each host for the purpose of managing storage allocation?

A. host-based LVM

B. in-band appliance

C. out-of-band appliance

D. array-based LUN masking

Answer: C

3. Which architecture allows system-to-system communication and user level DMA with as little CPU interaction as possible, most particularly for clustering?

A. FAIS

B. FC-VI

C. FC-CT

D. FC-SW

Answer: B

4. Which protocol is used for backups on an ethernet based network?

A. FCIP

B. NDMP

C. iDMP

D. iSNS

Answer: B

5. What are the SCSI addressing components handled by the SCSI protocol?

A. SCSI bus, logical unit

B. SCSI bus, target ID, logical unit

C. SCSI bus, target ID, adaptor number

D. SCSI bus, adaptor number, logical unit

Answer: B

6. What component is a configuration management element of an IP storage solution?

A. HBA

B. VSAN

C. ISL

D. VLAN

Answer: D

7. Which SMI-S related acronym describes an object-oriented description of the entities and relationships in a business management environment, divided into core and common models?

A. CIM

B. SRM

C. DRM

D. DMTF

Answer: A

8. Which three standards are the responsibility of the Internet Engineering Task Force? (Choose three.)

A. IEEE

B. SNMP

C. NDMP

D. Policy for QoS

E. IP over Fibre Channel

Answer: BDE

9. What is the maximum potential bandwidth of a Fibre Channel connection in a 2 Gb SAN?

A. 100 MB/s

B. 200 MB/s

C. 300 MB/s

D. 400 MB/s

Answer: D

10. Which three are advantages of using a SAN in a campus environment? (Choose three)

A. Consolidate storage in a data center

B. Increase storage resource utilization

C. Decrease network traffic due to backups

D. Decrease network traffic due to storage decentralization

Answer: ABC

11. A company's application and database will be rehosted and the underlying SCSI storage subsystem replaced with an FC array. The new system's O/S, volume manager, application and database are incompatible, requiring many upgrades. Which action would you recommend?

A. Upgrade existing storage using host level migration

B. Create a snapshot replica of the new storage, making it available to the new host for test

C. Create a split mirror replica of the new storage, making it available to the new host for test

D. Upgrade existing host to current volume manager, application and database levels and then migrate to new host using NDMP.

Answer: A

12. What is a shared communication infrastructure device to which nodes on a multi-point bus or loop are physically connected?

A. hub

B. switch

C. gateway

D. managed switch

Answer: A

13. What are two disadvantages of using a parallel interface? (Choose two.)

A. as the bus length increases, the chance of skew increases

B. as the bus speed increases, the chance of skew increases

C. as the number of devices attached to the bus increases, bus length decreases

D. as the number of devices attached to the bus increases, bus queue depth increases

Answer: AB

14. What is the minimal iSCSI security level needed to protect against man-in-the-middle insertion, modification or deletion?

A. none

B. encryption (IPsec)

C. Initiator and Target Authentication

D. digest for header and data integrity

Answer: D

15. Which two RAID types use parity for data protection? (Choose two.)

A. RAID 1

B. RAID 4

C. RAID 1+0

D. RAID 5

Answer: BD

16. A small Internet startup company needs to implement a backup solution in their environment. Cost is a large concern, and performance is not as critical since their environment mainly sits idle during off hours. If a backup is not completed successfully, the customer has little concern and is able to run new backups at any time. Which solution meets the customer's requirements for providing a low-cost solution and satisfies their current demand?

A. LAN-free backup

B. server-free backup

C. over-the-network backup

D. SAN without LAN-free backup

Answer: C

17. What type of Fabric switch ports are joined to form an ISL?

A. F_Port to F_Port

B. N_Port to F_Port

C. E_Port to E_Port

D. NL_Port to E_Port

Answer: C

18. Which IP Storage protocol requires iSNS for discovery and management?

A. FCIP

B. SATA

C. iFCP

D. iSCSI

Answer: C

19. A customer is implementing a disaster recovery plan to backup data to a remote location 200 kilometers from their production facility. Which proposal should they use?

A. Synchronously replicate data between the two sites using DWDM.

B. Asynchronously replicate data between the two sites using DWDM.

C. Synchronously replicate data between the two sites using a completely fibre solution.

D. Asynchronously replicate data between the two sites using a completely fibre solution.

Answer: B

20. Which characteristic differentiates an IP Storage adapter from a traditional Network Interface Card (NIC)?

A. link aggregation

B. 2 Gb/s data rate

C. larger frame size

D. TCP/IP segmentation offload

Answer: D