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Exam : **Apple 9L0-610**

Title : Xsan Administration v1.1 Exam

Update : Dmeo



1.To view the WWPNs for an Apple Fibre Channel PCI-X card, use _____.

- A.Xsan Admin
- B.Fibre Channel Utility
- C.RAID Utility
- D.cvadmin

Correct:B

2.Which application allows you to monitor the status of disks within Xserve RAID LUNs?

- A.Activity Monitor
- B.Disk Utility
- C.RAID Admin
- D.Xsan Admin

Correct:C

3.Which statement is implied by the concept called "information lifecycle management"?

- A.All information should be backed up in a weekly cycle.
- B.Disk-to-disk backup should be used for archival information.
- C.Information should be regularly cycled between backup devices.
- D.Storage resources should be allocated according to importance of data.

Correct:D

4.Xsan is a _____ file system.

- A.local
- B.cluster
- C.network
- D.distributed

Correct:B

5.RAID Admin LUN mapping and masking features allow you to _____.

- A.create folders that map data to a specified LUN or LUNs
- B.create LUNs that are available to only one client
- C.create LUNs that consist of a single dedicated drive
- D.add more disks to a LUN without taking the array offline

Correct:B

6.Indicate the correct port settings when you configure an Emulex 355 switch for Xsan.

- A.Host machine ports set as "Initiator with Stealth" and storage device ports set as "Target with Stealth."
- B.Host machine ports set as "Target with Stealth" and storage device ports set as "Initiator with Stealth."
- C.Both host machine ports and storage device ports set as "Initiator with Stealth."
- D.Both host machine ports and storage device ports set as "Target with Stealth."

Correct:A

7.When naming an Xsan volume, which TWO statements are true? (Choose TWO.)

- A.Any low-ASCII character can be used.
- B.Only letters and numbers can be used.
- C.Only lowercase letters and numbers can be used.
- D.Only uppercase letters and numbers can be used.
- E.Volume names can be up to 16 characters in length.
- F.Volume names can be up to 70 characters in length.

G.Volume names can be up to 256 characters in length.

Correct:B F

8.What is the recommended topology setting for the Apple Fibre Channel PCI-X card?

- A.Automatic
- B.Point-to-point
- C.Arbitrated loop
- D.Switched fabric

Correct:A

9.Fibre Channel Arbitrated Loop addresses use only the _____ field of Fabric Address Space.

- A.Area
- B.Domain
- C.Loop
- D.Port

Correct:D

10.Within a storage pool, Xsan stripes data over _____.

- A.LUNs
- B.volumes
- C.disks
- D.affinities

Correct:A

11.Which is an advantage of Fibre Channel switches over hubs?

- A.Switches support point-to-point connections.
- B.Switches use FC-AL protocol.
- C.Switches enable the use of fiber-optic cabling.
- D.Switches allow multiple simultaneous connections.

Correct:D

12.Xsan clients talk to _____ to discover available Xsan volumes.

- A.fsm
- B.fsmpm
- C.servermgrd
- D.watchdog

Correct:B

13.Which is the correct order of steps to create a volume in Xsan?

- A.Create LUNs, label LUNs, create storage pools, add LUNs to storage pools, create volumes.
- B.Create LUNs, label LUNs, create volumes, create storage pools, add LUNs to storage pools.
- C.Create volumes, create storage pools, create LUNs, label LUNs, add LUNs to storage pools.
- D.Create LUNs, create storage pools, label LUNs, add LUNs to storage pools, create volumes.

Correct:B

14.In Xsan implementations, the two types of device that are connected to a Fibre Channel switch are called _____.

- A.ISLs and SFPs
- B.volumes and LUNs
- C.F ports and E ports

- D. initiators and targets
- E. sources and destinations

Correct: D

15. The aggregate bandwidth of a Fibre Channel fabric _____.

- A. increases as nodes are added
- B. decreases as nodes are added
- C. is 2 Gb/s (half duplex)
- D. cannot exceed 3200 MB/s (half duplex)

Correct: A

16. Creating multiple storage pools within a volume allows you to _____.

- A. improve performance of LUN mapping and masking
- B. improve read/write efficiency for specific applications
- C. increase the bandwidth of the private LAN
- D. decrease the number of RAID arrays needed

Correct: B

17. What is the maximum Xsan volume size you can create for use with Mac OS X 10.3.x clients?

- A. 4 TB
- B. 12 TB
- C. 16 TB
- D. 32 TB
- E. 1 PB

Correct: C

18. When LUNs of different sizes are utilized in one storage pool, _____.

- A. some storage space will be wasted
- B. it increases the efficiency of the storage pool
- C. the storage pool must be assigned an affinity
- D. block size has to be optimized for the smallest LUN

Correct: A

19. When a client accesses files over Xsan, what information is accessed over the Ethernet link? (Choose THREE.)

- A. file names
- B. file contents
- C. permissions
- D. creation/modification dates
- E. file icons
- F. Spotlight comments

Correct: A C D

20. Can switching hubs be used with Xsan?

- A. No, Xsan supports only switched fabric topology.
- B. Yes, Xsan supports any Fibre Channel hub and topology.
- C. Yes, but the only switching hubs Xsan supports are the Emulex (Vixel) 355 and 375 switches.
- D. Yes, but the only switching hubs Xsan supports are the Qlogic SANbox 2-8, 2-16, 2-64, and 5200 switches.

Correct:C

21.Using Xsan, how many computers can simultaneously access a shared volume?

- A.8
- B.16
- C.32
- D.64

Correct:D

22.Array-based virtualization means that _____.

- A.each disk drive is mirrored by a backup drive
- B.data is saved redundantly to multiple drives
- C.an Xsan volume may reside on one or more physical drives
- D.hosts can access storage devices located in distant sites

Correct:C

23.Where is Xsan metadata stored?

- A.on the local drive of the metadata controller
- B.on the first volume of the SAN
- C.on the first storage pool of each volume
- D.on the first LUN in each storage pool

Correct:C

24.What port type is used for Fibre Channel point-to-point topologies?

- A.B_Port
- B.E_Port
- C.FL_Port
- D.N_Port
- E.P_Port

Correct:D

25.WWNNs and WWPNS are assigned to devices _____.

- A.by the factory, during manufacturing
- B.by the Fibre Channel switch, during initialization
- C.by Fibre Channel Utility, during setup
- D.by RAID Admin, during configuration
- E.by Xsan Admin, during configuration

Correct:A

26.Xsan Admin configures Xsan clients via _____.

- A.fsmpm
- B.cvadmin
- C.servermgrd
- D.xsanadmin

Correct:C

27.When using Xsan Admin, which changes to an Xsan installation will result in lost data?

(Choose THREE.)

- A.Renaming a volume
- B.Changing a volume's allocation strategy

- C.Changing the size of a storage pool by adding LUNs
- D.Changing a storage pool's stripe breadth
- E.Failover to the low priority standby metadata controller

Correct:A B D

28.In a RAID 5 array, if a drive fails, the data _____.

- A.is lost and cannot be reconstructed
- B.is not lost because it is mirrored on one of the other drives
- C.can be reconstructed from parity data stored on a dedicated drive
- D.must be reconstructed from data stored on the metadata controller
- E.can be reconstructed from parity data striped across the other drives

Correct:E

29.In Fibre Channel terminology, the physical media that connect ports together in a SAN are called _____.

- A.channels
- B.fibres
- C.links
- D.nodes

Correct:C

30.When the metadata controller starts up, which TWO things will each fsm register with fsm pm? (Choose TWO.)

- A.volume name
- B.failover priority
- C.port access number
- D.metadata MAC address
- E.WWNN

Correct:A C

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