



EMC e20-070

Exam Name: *emc technology foundations-san*

Q & A : 144 Q&As

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Exam : EMC E20-070

Title : EMC Technology Foundations-SAN

1. A fabric contains a single host HBA requiring connectivity to storage ports on several storage arrays. Which parameter can impose a limit on this design?

- A. Fan-in ratio for each storage array port
- B. Fan-in ratio for the HBA
- C. Fan-out ratio for each storage array port
- D. Fan-out ratio for the HBA

Answer: B

2. What software options exist for managing a M-Series fabric?

- A. Connectrix Manager and ControlCenter
- B. Connectrix Manager and WebTools
- C. Device Manager and ControlCenter
- D. EWS and WebTools

Answer: A

3. What is a PowerPath storage class?

- A. A grouping of applications using the same channels
- B. A license that is required to manage a storage array
- C. A storage array that PowerPath supports
- D. A tiered license for the host class that PowerPath supports

Answer: C

4. How is cache memory allocated in a CLARiiON CX series array?

- A. Pages
- B. Partition
- C. Segments
- D. Tracks

Answer: A

5. Which information does VisualSRM collect about hosts?

- A. CPU and memory utilization
- B. Filesystem names and utilization
- C. Switch and array port to filesystem mapping
- D. Volume group names and utilization

Answer: B

6. What is the default element size for a five disk RAID 5 group?

- A. 64 bytes
- B. 4KB
- C. 64KB
- D. 128KB

Answer: C

7. Which IT issue does VisualSRM help resolve?

- A. Manual and error-prone storage provisioning adds complexity
- B. Multiple products required to coordinate backup tasks on many hosts adds complexity
- C. Need to identify dormant files that are no longer accessed for better storage utilization
- D. Visualization of entire storage path from filesystem to array drive is required

Answer: C

8. Which RAID type uses a single drive to maintain parity?

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

Answer: C

9. What components are used to daisy chain DMX-3 storage bays?

- A. Disk directors
- B. Disk adapters
- C. Link Control Cards
- D. Midplane

Answer: C

10. What are two valid types of zoning in a SAN?

- A. Flexible Zoning and Invariant Zoning
- B. Hard Zoning and Soft Zoning
- C. SNIA Zoning and Vendor-Unique Zoning
- D. Serial and Parallel zoning

Answer: B

11. Which GUI interface is used to build Symmetrix configurations or BIN files?

- A. Fabric manager
- B. Navisphere
- C. SymmSeek
- D. SymmWin

Answer: D

12. From PowerPath's point of view, what array type is an INVISTA instance?

- A. Active-active
- B. Active-passive
- C. Passive-active
- D. Passive-passive

Answer: A

13. Which additional information is provided by the VisualSAN SNIA Agent which is not provided by the Navisphere Agent?

- A. Automatic Host and HBA association
- B. Detailed HBA property information
- C. Path visualization from Host to Storage Unit
- D. Storage provisioning (host to array)

Answer: B

14. When is a write to the CLARiiON considered complete with write cache enabled?

- A. After five sequential writes are received by the first SP
- B. After the write is cached in the receiving SPs memory
- C. After the write is committed to disk
- D. After the write is committed to the peer SPs cache memory

Answer: D

15. What is a functionality of the PowerPath filter driver?

- A. Notifies the application after each I/O is delivered
- B. Redirects I/O to the next available path based on the load balancing policy
- C. Redirects I/O to the shortest path to the logical volume
- D. Uses a random path in the volume path set to service the I/O request

Answer: B

16. What is a feature of PowerPath?

- A. Automated path failover with no path recovery
- B. Manual path failover
- C. Proactive path testing
- D. Static load balancing

Answer: C

17. When can PowerPath configuration, management and tuning be performed?

- A. During maintenance windows
- B. Offline
- C. Online
- D. When the system is not used for production

Answer: C

18. Which fabric security feature is governed by the common Fibre Channel standard?

- A. LUN Binding
- B. Port Binding
- C. Port Masking
- D. Zoning

Answer: D

19. What is PowerPath?

- A. Array based software that intelligently manages I/O to the array
- B. Array based software that supports active-active and active-passive arrays

- C. Host based software that notifies the application when a path failure occurs
- D. Host based software that provides path failover and load balancing.

Answer: D

20. Which CLARiiON component is used for staging and prefetching data?

- A. nv ram
- B. PSM
- C. Read cache
- D. Write cache

Answer: C

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