



## **EMC e20-012**

**Exam Name:** Information Availability Design and Management Exam

**Q & A :** 162 Q&As

**Pdf Demo**

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Exam : EMC E20-040

Title : EMC (r) Technology Foundations

1. In a CLARiiON array, which clone state would prevent a clone from being removed from a clone group?

- A.Consistent
- B.Fractured
- C.Promoted
- D.Synchronizing

Answer: D

2. After a split operation has occurred, where is the information maintained for changes to the standard volume and BCV?

- A.PSM LUN

- B.track tables
- C.vault
- D.VDEV tables

Answer: B

3. How does Symmetrix Optimizer automatically achieve good DMX performance?

- A.Analyzes activity to identify volumes for swaps
- B.Analyzes and balances the front-end activity
- C.Reduces hot spots in Disk Directors
- D.Spreads workload among disks

Answer: A

4. Which operation must an NFS client perform to access a Celerra advertised connection point?

- A.Export
- B.Map
- C.Mount
- D.Share

Answer: C

5. In a CLARiiON array, at which point does a SnapView snapshot appear on-line to the secondary host?

- A.once the LUN is fractured
- B.once the session is activated
- C.once the source LUN is chosen
- D.when the session gets created

Answer: B

6. Which business benefit uses Symmetrix Service Credential?

- A.Advanced recovery and failover
- B.Database safekeeping
- C.Recovery-point objectives
- D.Symmetrix security

Answer: D

7. Which mechanism is used shorten the synchronization process after the link goes down between the primary and secondary mirrors?

- A.Fracture log
- B.Persistent Storage Manager
- C.Primary arrays write cache
- D.Reserved LUN pool

Answer: A

8. In a CLARiiON array, how is I/O handled when a LUN is expanding?

- A.Continues to all component LUNs
- B.Continues to base LUN only
- C.Halted during expansion
- D.Halted to the base LUN only

Answer: B

9. In a NetWorker environment, which EMC Disk Library feature is used to export virtual tapes to physical tapes, while preventing blind spots?

- A.Auto Archive
- B.Embedded Storage Node
- C.Embedded Media Server
- D.Remote Copy

Answer: B

10. Which Symmetrix implements a unified director feature?

- A.DMX1000
- B.DMX2000
- C.DMX-3
- D.Symmetrix 8000

Answer: C

11. Which DMX is optimized for the most efficient power and cooling?

- A.DMX-2
- B.DMX-3 950
- C.DMX3000
- D.DMX800

Answer: B

12. PowerPath is connected to Storage Processor A and Storage Processor B. What action does PowerPath take when one path to Storage Processor A fails?

- A.Redirects the I/O load across the remaining three paths to the array
- B.Redirects the I/O through the two paths to Storage Processor B
- C.Trespases the LUN to Storage Processor B and uses the two paths through this Storage Processor
- D.Uses the one remaining path through Storage Processor A

Answer: D

13. What is the primary use of StorageScope in the DMX arrays?

- A.Complete storage view
- B.Performance management
- C.Storage monitoring and provisioning
- D.Volume management

Answer: C

14. During synchronization, how does a clone handle incoming host I/O?

- A.Accepts all I/Os
- B.Accepts reads only
- C.Accepts write only
- D.Rejects all incoming I/Os

Answer: D

15. How are DMX-2 global cache director boards divided?

- A.Boards are divided into four addressable memory chips
- B.Boards are divided into four addressable regions comprised of one memory chip
- C.Boards consist of four memory chips, each divided into eight regions
- D.Boards consist of memory chips and are divided into four addressable regions

Answer: D

16. What is a characteristic of a Content Address in Centera?

- A.Administrator generated
- B.File system based
- C.Inherently stable
- D.Location-dependent

Answer: C

17. How many SnapView sessions are allowed per source LUN?

- A.4
- B.6
- C.8
- D.10

Answer: C

18. Which applies to a SnapView source LUN when a reverse synchronization is in progress?

- A.Accepts all incoming I/Os
- B.Becomes read only
- C.Rejects all incoming I/Os
- D.Stays off-line

Answer: A

19. Which SAN topology requires a direct link from any switch to every other switch in the fabric?

- A.Compound core-edge
- B.Full mesh

- C. Partial mesh
- D. Simple core-edge

Answer: B

20. After Rainfinity completes a directory or share move, clients can access data through a logical view without having to remap to the new destination. What is the underlying physical location called that maps this logical view?

- A. Data Mobility
- B. Global Namespace
- C. Proxy Service
- D. VLAN Change

Answer: B

21. Which are the characteristics of Symmetrix Engenuity?

- A. Comprehensive Symmetrix management and data security
- B. Continuous availability, data integrity, built-in security features
- C. Enabled consistency and continuous availability
- D. Symmetrix-based feature portability and enabled consistency

Answer: B

22. What is an information availability business benefit of DMX?

- A. Achieves good array performance
- B. Greatly reduces the cost of power consumption
- C. Provides multiple copies of information
- D. Reduce the risks to the business

Answer: D

23. In a CLARiiON array, what is a characteristic of a metaLUN?

- A. Can be only expanded one time
- B. Can be used with SnapView and MirrorView
- C. Cannot be added to a storage group
- D. Supported on FC and CX series arrays

Answer: B

24. How many bi-directional mirror relationships are allowed per CLARiiON array?

- A. 1
- B. 2
- C. 4
- D. 8

Answer: C

25. When changes are made to a SnapView source LUN, where is the original data saved?

- A. Cache memory
- B. Clone Private LUN
- C. PSM
- D. Reserved LUN pool

Answer: D

26. What is the cause of the delay in a DMX-3 read miss?

- A. Host missed the time to get data
- B. Information is missing from the files
- C. Information left cache before it was read
- D. Information must be read from disk

Answer: D

27. Which EMC software reduces the complexities associated with a command line interface?

- A. Host Component
- B. StorageScope
- C. Symmetrix Management Console
- D. Symmetrix Performance Manager

Answer: C

28. What is a DMX-3 Direct Matrix Interconnect specification?

- A. 64 2 Gb/s Fibre Channel paths
- B. 128 direct paths from directors and memory
- C. Four or eight processors per director
- D. Full component-level redundancy with hot-swappable replacements

Answer: B

29. Which type of protection is only used for mainframes?

- A. RAID 1
- B. RAID 5
- C. RAID 10
- D. Parity RAID

Answer: C

30. What process makes a snapshot inaccessible to the backup host?

- A. Activation
- B. De-activation
- C. Fracturing
- D. Synchronizing

Answer: B

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