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Exam : E20-050

**Title : EMC technology
foundations -clariion**

Version : DEMO

1.What is an advantage of ATA disk drives on a CLARiiON array?

- A.Faster seek times
- B.Low cost backup-to-disk solution
- C.Better performance than fibre channel drives
- D.Faster rotational speeds than fibre channel drives

Correct:B

2.Which method does CLARiiON use to free space in cache for I/O bursts?

- A.First in first out
- B.Last in last out
- C.Most recently used
- D.Least recently used

Correct:A

3.Which flushing method is used on the CLARiiON to create free cache space for incoming host I/Os?

- A.Idle
- B.Forced
- C.Low watermark
- D.High watermark

Correct:B

4.What is the maximum number of LUNs per CLARiiON array?

- A.128
- B.2048
- C.4096
- D.8192

Correct:B

5.Which CLARiiON Management utility can be used to baseline actual workloads and to understand efficiency of cache utilization?

- A.PowerPath
- B.ControlCenter
- C.Navisphere Console
- D.Navisphere Analyzer

Correct:D

6.In a CLARiiON storage array, what are storage groups used for?

- A.LUN groups
- B.LUN masking
- C.LUN mirroring
- D.LUN expansion

Correct:B

7.What is a characteristic of CLARiiON Access Logix?

- A.LUN Masking requires the use of storage groups
- B.Storage groups cannot be destroyed once created
- C.Storage processors in the array do not share Access Logix?databases
- D.Hosts do not need to be connected to the storage group in order to perform LUN masking

Correct:A

8.How is cache allocated in a CLARiiON array?

- A.track
- B.page
- C.partition
- D.segment

Correct:B

9.How many disk drives are in a CLARiiON SPE?

- A.0
- B.5
- C.10
- D.15

Correct:A

10.Which statement describes a read cache hit in a CLARiiON?

- A.Data synchronized from disk, host request awaited
- B.Data found in cache, and the request returned to host
- C.Data found in cache, automatically mirrored and then flushed to disk
- D.Data not found in cache, hit is checked, data synchronized from disk to cache

Correct:B

11.Which management operations can be performed by PowerPath user-interfacing tools?

- A.HBA maintenance only
- B.Path monitoring and maintenance
- C.Array configuration and maintenance
- D.Volume and HBA monitoring and maintenance

Correct:B

12.One of the HBAs on a host with PowerPath fails when I/O is being driven through the HBA. Which sequence ensures the I/O is completed?

- A.Host takes the failed path offline, drives I/O through an alternate path, and receives I/O timeout
- B.PowerPath takes the failed path offline, receives I/O timeout, and drives I/O through an alternate path
- C.PowerPath receives I/O timeout, takes the failed path offline, and drives I/O through an alternate path
- D.PowerPath receives I/O timeout, drives I/O through an alternate path, and takes the failed path offline

Correct:C

13.Which statement describes a PowerPath storage environment?

- A.Each volume has a single path
- B.Applications direct I/O to HBA driver
- C.Workload is not balanced between paths
- D.Volumes are accessible through multiple paths

Correct:D

14.Which PowerPath load balancing policy only provides path failover?

- A.Request
- B.SymmOpt
- C.Least I/Os
- D.Round Robin

Correct:A

15.What is a benefit of PowerPath?

- A.Autoconfigure HBAs
- B.Reduce path overhead
- C.Reduce path monitoring
- D.Maximize path utilization

Correct:D

16.What is a function of PowerPath's CLI tool?

- A.Volume mounting
- BAutomatic failover
- C.Path consolidation
- D.Performance and status monitoring

Correct:D

17.What is a benefit of PowerPath on a server with multiple paths to a storage subsystem?

- A.Manual failover
- B.Reduced complexity
- C.Reduced Path overhead
- D.Dynamic path load balancing

Correct:D

18.What is a valid Fibre Channel Topology?

- A.CSMA/CD
- B.Token Ring
- C.Parallel SCSI
- D.Arbitrated loop

Correct:D

19.Which protocol is used by open systems hosts to access storage in Fibre Channel SANs?

- A.SCSI
- B.SNMP
- C.FICON
- D.ESCON

Correct:A

20.What is a function or use of an ISL aggregation?

- A.Allows vendors to create more E_Ports in a switch and limit their use for ISLs
- B.Enables distribution of traffic over the combined bandwidth of two or more ISLs
- C.Prevents unauthorized use of ISLs by combining them into a single security domain
- D.Mechanism by which one or more ISLs can be reserved for special situations when extra bandwidth is needed

Correct:B