Information Storage and Management Exam Version 2

1. What is a characteristic of EMC Atmos?

A. Consolidates block, file, and object accesses in one solution

B. Supports storage multitenancy

C. Provides compute, storage, network, and virtualization products in one solution

D. Provides source-based deduplication

Answer(s): B

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2. Which benefit does block-level storage virtualization provide?

A. Increased scalability through separation of FC addresses across VSANs

B. Performance enhancement by limiting the RSCN traffic

C. Non-disruptive data migration between storage arrays

D. Logical segmentation of block storage devices for improved security

Answer(s): C

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3. What is a key benefit of virtualization?

A. Improved resource utilization

B. Improved performance

C. Enhanced interoperability

D. Unlimited resource scaling

Answer(s): A

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4. Which data center characteristic refers to the capability to grow resources without impacting business operations?

A. Scalability

B. Security

C. Availability

D. Performance

Answer(s): A

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5. Which cloud computing characteristic enables consumers to grow and shrink the demand for resources dynamically?

A. Rapid elasticity

B. Resource pooling

C. Measured service

D. On-demand self-service

Answer(s): A

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6. A careful analysis of financial benefits provides a clear picture about the cost savings in cloud adoption.

A. ROI and CAPEX

B. CAPEX and OPEX

C. TCO and SLA

D. TCO and ROI

Answer(s): D

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7. A start-up company with a limited budget is planning to adopt a hybrid cloud solution for their operations. The company has business-critical applications that serve customers and have strict service levels. In addition, the company has less critical applications, such as backup and archive.

A. Deploy the business-critical applications on an on-premise private cloud and the less critical applications on a public cloud.

B. Deploy the business-critical applications on an externally-hosted private cloud and the less critical applications on an on-premise private cloud.

C. Deploy the business-critical applications on an on-premise private cloud and the less critical applications on an externally-hosted private cloud.

D. Deploy the business-critical applications on an externally-hosted private cloud and the less critical applications on a public cloud.

Answer(s): D

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8. What is a characteristic of an enterprise flash drive?

A. Uses semiconductor-based solid state media

B. Performs data search and retrieval sequentially

C. Performs rotational speed at more than 30000 rpm

D. Writes once and reads many

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9. Which EMC product is a VNX array-based local replication software that creates a full volume mirror of the source?

A. TimeFinder/Snap

B. TimeFinder/Clone

C. SnapView Snapshot

D. SnapView Clone

Answer(s): D

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10. Click on the calculator icon in the upper left corner.

A. 64 KB

B. 128 KB

C. 256 KB

D. 320 KB

Answer(s): D

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11. Which layer of the Fibre Channel (FC) protocol stack defines the fabric services?

A. FC-0

B. FC-4

C. FC-2

D. FC-1

Answer(s): C

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12. In an FC SAN environment, an administrator wants to prevent unauthorized nodes from accessing a switch. What enables the administrator to specify which node ports can access the switch?

A. Fabric Binding

B. Persistent Port Disable

C. Access Control List

D. Role-based Access Control

Answer(s): C

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13. What describes a full mesh topology?

A. All switches are directly connected to each other

B. Consists of core and edge switch tiers

C. Requires four switches

D. Requires two ISL hops for host to storage traffic

Answer(s): A

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14. What is a benefit of virtual storage provisioning over traditional provisioning?

A. Enables more efficient allocation of storage to hosts

B. Can be used for applications that require predictable performance

C. Provides full control for precise data placement

D. Does not enable oversubscription

Answer(s): A

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15. Which component of a backup system is responsible for maintaining configuration information and backup metadata?

A. Storage node

B. Media server

C. Backup server

D. Backup client

Answer(s): C

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16. What is prevented using RAID technology?

A. Data loss

B. Host Bus Adapter failures

C. Security breach

D. Switch failure

Answer(s): A

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17. Which type of fabric login is associated with the FC-4 upper layer protocol of the Fibre Channel protocol stack?

A. WWNN

B. PLOGI

C. FLOGI

D. PRLI

Answer(s): D

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18. In the context of protecting the FC SAN infrastructure, what is an example of infrastructure integrity?

A. Preventing node login to the fabric without proper authorization

B. Implementing iSNS discovery domains

C. Implementing an FSPF algorithm to create a virtual SAN

D. Not permitting physical segmentation of nodes

Answer(s): A

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19. In a storage system, the cache is configured with an upper-bound and a lower-bound to manage its utilization. Which flushing mode is activated when the cache utilization levels reach the upper-bound?

A. Low watermark

B. High watermark

C. Forced

D. Idle

Answer(s): B

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20. Which RAID type is recommended for a high performance, write-intensive business critical application with small random writes?

A. RAID1

B. RAID 1+0

C. RAID 5

D. RAID 6

Answer(s): B