Exam Code: e20-320

Exam Name: emc technical assessment planning &
design exam

Vendor: EMC

Version: DEMO

Part: A

1: Click the Task button to see this question.

For further instructions on how to complete your answer with the drag and drop graphics, please click the Help button.

Correct Answers:

2: A customer has a policy of holding a year's worth of data on magnetic disk and then archiving it to optical disk. According to ILM principles, why is this customer's process flawed?

A.It does not provide for a mechanism to restore corrupted data less than a year old

B.It assumes all data has the same value to the business and ages at the same rate

C.It requires the customer to maintain a lot of data unnecessarily on expensive magnetic disk

D.It does not provide for a transactional based disaster recovery process to meet requirements

Correct Answers: B

3: A client wants to extend their tape SAN to a third party remote vaulting location through a public network. The backup content is 99% medical image files, using the *.jpg format. What would you recommend to meet the implied requirements?

A.Tape Drive Encryption

B.In-band Fibre Channel Encryption

C.Tape Drive Encryption and Compression

D.In-band Fibre Channel Encryption and Link Compression

Correct Answers: B

4: What is the primary reason for having acceptance criteria for a project?

A.Reduce the project risk

B.Prove the work was done

C.Build the customer relationship

D.Ensure the deliverables are created

Correct Answers: A

5: Which list of items should be evaluated as part of a TCO study for an existing customer?

A.Staff management costs, physical floor space costs, and software license charges

B.Staff management costs, physical floor space costs, and customer charge back policies

C.Software license charges, physical floor space costs, and customer charge back policies

D.Physical floor space costs, customer charge back policies and standardized units of storage

Correct Answers: A

6: What is the most important performance criteria for determining storage layout in support of an email system?

A.Matching the mailbox sizes to LUN capacity

B.Determining mix of heavy versus light users

C.Matching the number of email users to the number of physical devices

D.Identifying average message size and total number sent in a period of time

Correct Answers: C

7: What are the most important criterion for the design of a data collection policy?

A.Acceptable infrastructure impact at a relevant level of granularity

B.Collect data on transactions and response times

C.Set sampling rates at 15 minute intervals to align with reporting periods

D.Align sampling rates with application activity

Correct Answers: A

8: A database spans multiple physical storage arrays. How can you ensure that TimeFinder copies of the database are usable at the host?

A.Use consistent split

B.Use a composite group

C.Isolate database logs to a single storage array

D.Properly sequence split actions between arrays

Correct Answers: A

9: What is the next step following the development of a proposed tiered architecture in an ILM assessment with an application perspective?

A.Enumerate the applications

B.Build a recovery model for each RPO/RTO by application

C.Apply a classification scheme to the current infrastructure

D.Build a criticality matrix between all applications with RPO and RTO assigned to each

Correct Answers: C

10: Which statement describes read cache utilization?

A.Read cache provides the best performance in random I/O environments

B.Turn off read caching on LUNs with very random read environments and/or no sequential access

C.Read caching should never be turned off as it gives the best performance in all host-access situations

D.Whenever write cache is turned off, read cache must also be turned off to balance out the workload of the CLARiiON

Correct Answers: B

11: In a synchronous remote data replication implementation, production operation transfers to the disaster recovery site while lengthy essential maintenance is performed. To meet service levels, the customer wants to return to normal operations as soon as the maintenance work is finished. What is the primary risk of doing this assuming no subsequent equipment failures?

A.Data corruption

B.Data inconsistency

C.Application corruption

D.Performance degradation

Correct Answers: D

12: Which items are found in a Release policy?

A.Frequency, schedule, and specific release content

B.Frequency, schedule, and roles and responsibilities

C.Roles, responsibilities, and specific release content

D.Record of past success/failure and budget approval process

Correct Answers: B

13: A review of the storage team shows:

    A culture of service and customer orientation with a formalized approach

    Staff with formal performance objectives and targets associated with formal process training

    Storage decisions are planned to help meet formal objectives and targets

    Focus on training programs and peer reviews

Which organizational maturity level do you associate with these characteristics?
A.Defined
B.Managed
C.Optimizing
D.Repeatable
Correct Answers: A

14: A customer wants to consolidate and improve restore performance on its SAN and distributed data sets by backing up to disk, but has limited budget to achieve this. The customer has 200 GB of data that comprises its weekly backup set and wants to retain four weeks of data before staging to tape. The customer has a backup software solution that facilitates disk-based backups. What do you propose as part of a CLARiiON based storage solution?
A.ATA DAE and drives
B.CLARiiON Disk Library
C.AX100 added to the SAN
D.NS500G for LAN based backup
Correct Answers: A

15: When considering availability design in a Symmetrix 8530 environment, which statement best describes the objective of the 17 design rule?
A.Spread connections across multiple ports to eliminate a bus as a single point of failure
B.Spread connections across multiple ports to eliminate a director as a single point of failure
C.Spread connections across multiple directors to eliminate a bus as a single point of failure
D.Spread connections across multiple processors to eliminate a director as a single point of failure
Correct Answers: C