Exam Code: e20-012
Exam Name: Information Availability Design and Management Exam
Vendor: EMC
Version: DEMO
Part: A

1: A company has decided to use SAN-based replication to migrate data from older storage arrays to a new storage array. The new array is capable of performing SAN-based replication, while the older arrays cannot perform SAN-based replication. A migration downtime window is available. Which SAN-based replication option should be recommended?
A. Cold pull from the older arrays to the new array
B. Cold push from the older arrays to the new array
C. Hot pull from the older arrays to the new array
D. Hot push from the older arrays to the new array

Correct Answers: A

2: What is a key characteristic of an electronic data archive?
A. Ideal for storing long-term unchanging data
B. Primarily used for the short term and is often updated and overwritten
C. Primarily used to store server backups
D. Used as a secondary copy of critical information

Correct Answers: A

3: A company is planning to deploy array-based synchronous remote replication over 200 MB/s Fibre Channel links. The workload profile of the application to be replicated is as follows:
4000 IO/s
Read/Write Ratio 60:40
Write block size 8KB
Distance between sites = 50 km
Write acceleration devices will not be used
What is the approximate propagation delay for one write?
A. 0.5 ms
B. 1.0 ms
C. 2.0 ms
D. 4.0 ms

Correct Answers: B

4: What is a primary function of EMC Backup Advisor?
A. Backup job automation
B. Central administration
C. Provisioning
D. Troubleshooting

Correct Answers: D

5: When using Celerra Replicator, what is a key difference between local and remote replication?
A. Local uses a single SavVol; remote uses a single SavVol
B. Local uses a single SavVol; remote uses two SavVols
C. Local uses two SavVols; remote uses a single SavVol
D. Local uses two SavVols; remote uses two SavVols

Correct Answers: B

6: A company is configuring a new backup policy for a group of clients. They need to be able to recover from a disaster by using a maximum of two backup media sets at any given day of a month.

Which backup policy would satisfy this requirement?
A. Monthly fulls and daily incrementals
B. Monthly fulls, weekly cumulatives, and daily incrementals
C. Weekly fulls and daily cumulatives
D. Weekly fulls and daily incrementals

Correct Answers: C

7: Click the Exhibit button.

You are designing a new backup and recovery solution and have specified that a disk-aware backup-to-disk solution will be used as the primary destination for backups. Once backups reach a specific retention period on disk, they will be moved to tape.

What should the retention period be to satisfy 90% of the e-mail restore requests from disk?

A. 7 days
B. 14 days
C. 30 days
D. 45 days

Correct Answers: A

8: Which factors affect response time in synchronous remote replication?
A. Read block size, network equipment, and bandwidth
B. Read workload, distance, and network equipment
C. Recovery point objective, distance, and bandwidth
D. Write block size, distance, and bandwidth
Correct Answers: D

9: How is data written using the linear recording method in a tape drive?
A. By using multiple heads in parallel tracks, spanning the whole tape
B. Multiple heads move in a vertical fashion, writing data in the same way linearly
C. Read and write heads on a drum rotate, storing data in diagonal tracks
D. Read and write heads on a drum rotate, storing data in linear tracks across the whole tape
Correct Answers: A

10: What describes a virtual replica target?
A. Half the size of the production volume
B. Holds original data for point-in-time access
C. Holds pointers to data location
D. Same size as the production volume
Correct Answers: C

11: What is an advantage of using a consolidated media management feature within a virtual tape library appliance?
A. Better cloning performance achieved by consolidated media catalog processes
B. Easier management of restore operations by having a copy of the backup catalog on the appliance
C. Enhanced scalability by enabling the connection of a physical library to the appliance for cloning purposes
D. Improved management since backup software is aware of all cloning operations made by the appliance
Correct Answers: D

12: In which strategic tier of the Framework for Information Availability can Backup and Replication Integrity be found?
A. Automate
B. Create Copies
C. Distribute
D. Store
Correct Answers: B

13: Which operating system tool or command can be used to test a tape drive in a UNIX system?
A. cp
B. lsdev
C. mknod
D. tar
Correct Answers: D

14: Click the Exhibit button.
What are the LUN Masking requirements for SAN-based Push replication?
A. Perform LUN Masking operations on the control array; allow the control array front-end ports access to devices on the remote array
B. Perform LUN Masking operations on the control array; allow the remote array front-end ports access to devices on the control array
C. Perform LUN Masking operations on the remote array; allow the control array front-end ports access to devices on the remote array
D. Perform LUN Masking operations on the remote array; allow the remote array front-end ports access to devices on the control array
Correct Answers: C

15: What describes a reactive backup management task?
A. Failure troubleshooting
B. Restore recovery testing
C. Significant trend analysis
D. Sufficient media allocation
Correct Answers: A