



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?

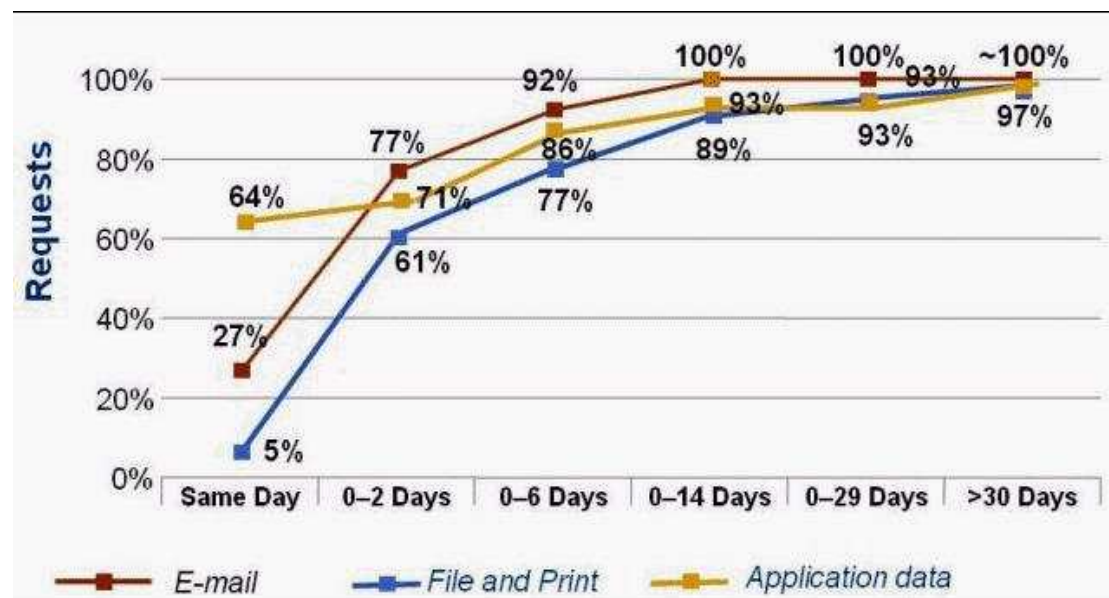
- A.Monthly fulls and daily incrementals
- B.Monthly fulls, weekly cumulatives, and daily incrementals
- C.Weekly fulls and daily cumulatives
- D.Weekly fulls and daily incrementals

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