EMC

Exam E20-005

Backup Recovery Systems and Architecture Exam

Version: 6.0

[Total Questions: 120]

CERTKILL

Question No : 1

What is a characteristic of the dependent write I/O principle?

A. An application will not issue a write I/O until a prior related write I/O has completed
B. An application will issue another read I/O before the prior related write I/O has completed
C. An application will issue another write I/O before the prior related write I/O has completed
D. An application will not issue a read I/O until a prior related write I/O has completed

Answer: A

Question No : 2

How can you ensure that backup data stored in tapes offsite can be read only by authorized parties?

A. Compress the data using the LZO algorithm
B. Encrypt the data using a secure encryption key
C. Set permissions on the save sets on the volumes
D. Transfer data over a secure, internal WAN

Answer: B

Question No : 3

What is an advantage of source-based deduplication over target-based deduplication?

A. Reduced network bandwidth requirement
B. Faster replication
C. Faster recovery
D. Reduced client resource requirement

Answer: A

Question No : 4

Which RAID level best describes parallel access with dedicated parity?

A. 3
B. 4
C. 5
D. 6

Answer: A

Question No : 5

Which setting mismatch in a customer environment can result in performance degradation of the network?

A. Duplex
B. Flow control
C. Buffer
D. Frame size

Answer: A

Question No : 6

A customer is moving data from a backup disk to tape, which will later will be stored offsite.

What is this process called?

A. Cloning
B. Staging
C. Aging
D. Mirroring

Answer: B

Question No : 7

Which type of backup should be used to create a backup copy offline without disrupting I/O

operations on a production volume?

A. Cumulative backup
B. Incremental backup
C. Full backup
D. Synthetic full backup

Answer: D

Question No : 8

What is a characteristic of Common Internet File System?

A. Uses file and record locking
B. Allows multiple users to simultaneously edit files
C. Loses changes to files that were open prior to interruption
D. Uses a complex file-naming scheme

Answer: A

Question No : 9

In a backup environment, what is the function of the client software component?

A. Coordinates the backup
B. Initiates recoveries
C. Stores tracking information
D. Writes data to a backup device

Answer: D

Question No : 10

A backup environment has 20 GB of data with 10 percent initial commonality. The data is backed up to a target-based deduplication system on a full, every day backup schedule. After the first backup, 5 GB of data is changed. The same data set is backed up every day.

How much data is sent over the network on the first and second backups?

A. 20 GB for the first backup; 20 GB for the second backup
B. 20 GB for the first backup; 5 GB for the second backup
C. 18 GB for the first backup; 4.5 GB for the second backup
D. 18 GB for the first backup; 18 GB for the second backup

Answer: A

Question No : 11

Which backup media characteristic allows backups and restores to run simultaneously?

A. Random access
B. Interleaving
C. Mirroring
D. Multiplexing

Answer: A

Question No : 12

Which EMC product performs inline data deduplication?

A. Data Domain
B. Avamar
C. NetWorker
D. HomeBase

Answer: A

Question No : 13

A customer has a requirement to restore operations within two hours after a disaster.

What is this time period called?

A. Recovery time objective (RTO)
B. Retention period
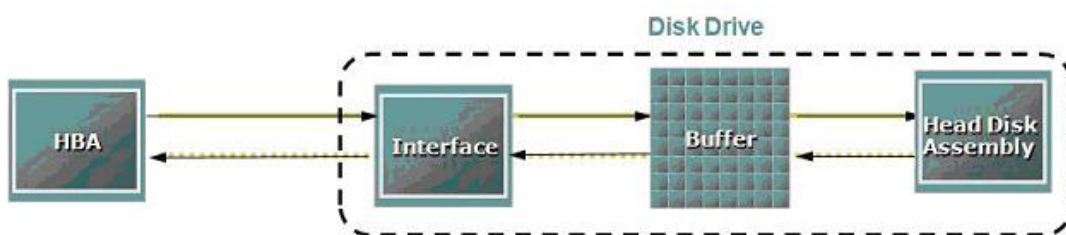**C.** Recovery point objective (RPO)
D. Backup window

Answer: A

Which Microsoft Volume Shadow Copy Service component is responsible for the creation and maintenance of shadow copies?

A. Provider
B. Requestor
C. Writer
D. Backup application

Answer: A

Refer to the exhibit.

When determining disk drive performance, between which two components is the internal transfer rate measured?

A. Interface and buffer
B. HBA and interface
C. Buffer and head disk assembly
D. Interface and head disk assembly

Answer: C

Question No : 16

A customer has a SAN-based storage system with extra storage capacity available. The customer wants to make this storage available to other hosts over the LAN.
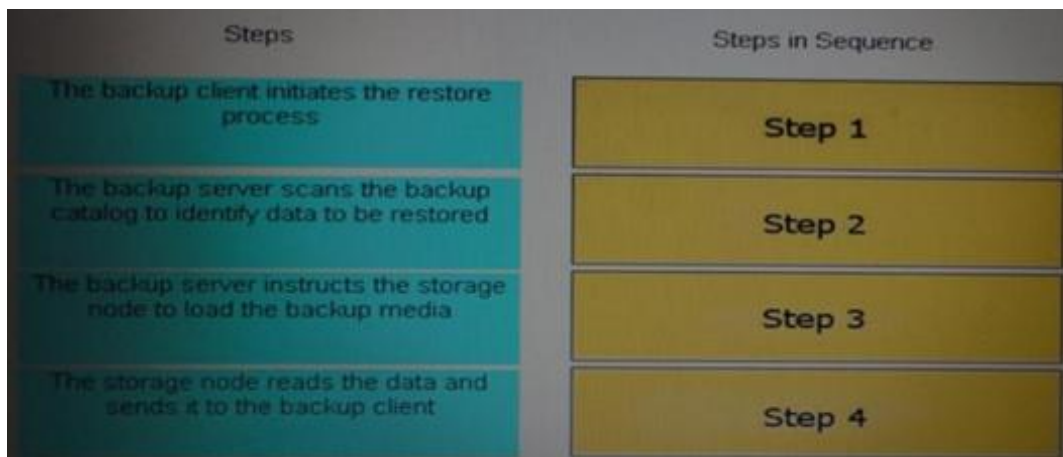
What is your recommendation?

A. Integrated NAS
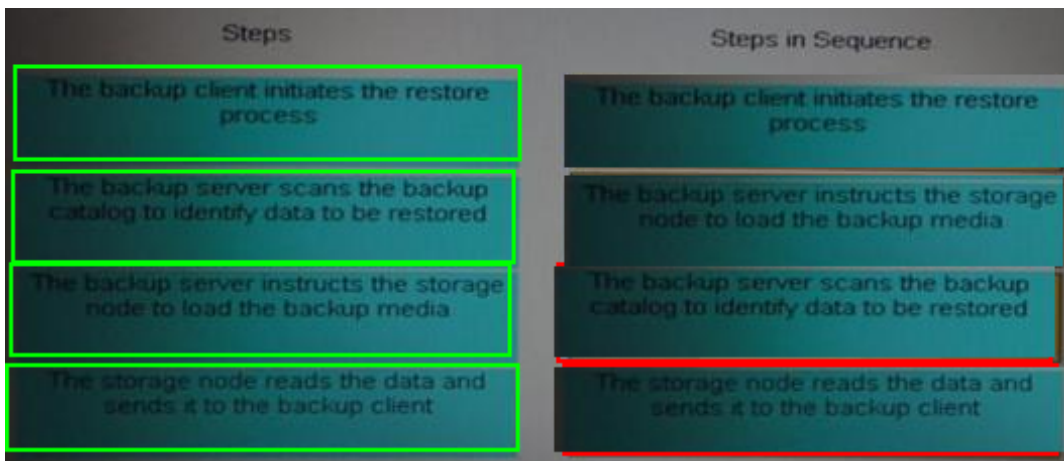**B.** NAS gateway
C. NDMP 2-way
D. NDMP 3-way

Answer: B

Question No : 17 DRAG DROP

What is the sequence of events in a restore process?

Steps	Steps in Sequence
The backup client initiates the restore process	Step 1
The backup server scans the backup catalog to identify data to be restored	Step 2
The backup server instructs the storage node to load the backup media	Step 3
The storage node reads the data and sends it to the backup client	Step 4

Answer:

Question No : 18

What is a benefit of using EMC NetWorker modules?

A. Ensures consistent backups
B. Improves tape utilization ratio
C. Organizes data on the backup media for fast recovery
D. Performs cold database backups

Answer: B

Question No : 19

A full backup of a file system is performed once a week on Saturday and cumulative backups are performed on all other days. Backups start at 20:00 with a two-hour window. Data on the file system changes every day.

How many backups are required to perform a full system restore as of Friday morning?

A. 2
B. 6
C. 1
D. 7

Answer: A