

E20-329^{Q&As}

Technology Architect Backup and Recovery Solutions Design Exam

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QUESTION 1

A customer wants to back up VMware using Avamar to leverage deduplication. They have been and want to continue performing VCB backups.

Where will the Avamar client and the Avamar VCB Interoperability Module be installed?

- A. Backup proxy server
- B. ESX server and backup proxy server
- C. Virtual machines guest operating system
- D. Virtual machines and backup proxy server

Correct Answer: A

QUESTION 2

An EMC Data Domain customer has ordered three expansion shelves to increase the active tier storage capacity for backup. After successfully installing the new expansion shelves, the Data Domain GUI is partially showing the new extra capacity.

What is the reason for this issue?

- A. One Active tier and one Archive tier licenses are needed
- B. Data Domain needs to be reconfigured to recognize the new capacity
- C. Only one Expansion Storage license was not installed
- D. Only one Shelf Capacity license was installed

Correct Answer: D

QUESTION 3

A university is using EMC NetWorker for backup of their local environment. They have planned to expand this backup environment to include various campuses located across different regions.

In addition, they want to use the existing LAN infrastructure for backup and the backup jobs must be completed within the defined backup window. Backups will be stored at the university's central location.

Which solution meets the requirements while keeping the expansion cost at a minimum?

- A. Use Avamar and integrate with NetWorker
- B. Use Data Domain VTL and integrate with NetWorker
- C. Install a storage node at each campus

D. Use the NetWorker Multi-Tenancy feature

Correct Answer: A

QUESTION 4

A customer is concerned about data remaining on their new EMC Avamar system after an individual backup is deleted. The secureddelete function has been run after the backup was deleted. To ensure the process is complete, what else should be done?

- A. Run garbage collection on the Avamar server
- B. Roll back any checkpoints that contain the data and execute secureddelete
- C. First execution of the secureddelete function will remove all data
- D. Administrators should modify the user account to prevent access

Correct Answer: B

QUESTION 5

Your customer has been a long time Avamar Virtual Environment (AVE) customer. They have older AVE installations along with newer installations. They notice that older configurations are not receiving the same performance as the newer configurations.

The customer points out that both configurations have fairly high I/O requirements but use different disk pools. They understand performance is affected by RAID levels and would like your recommendation.

Based on best practice, which RAID level is recommended for virtual machines with high disk usage?

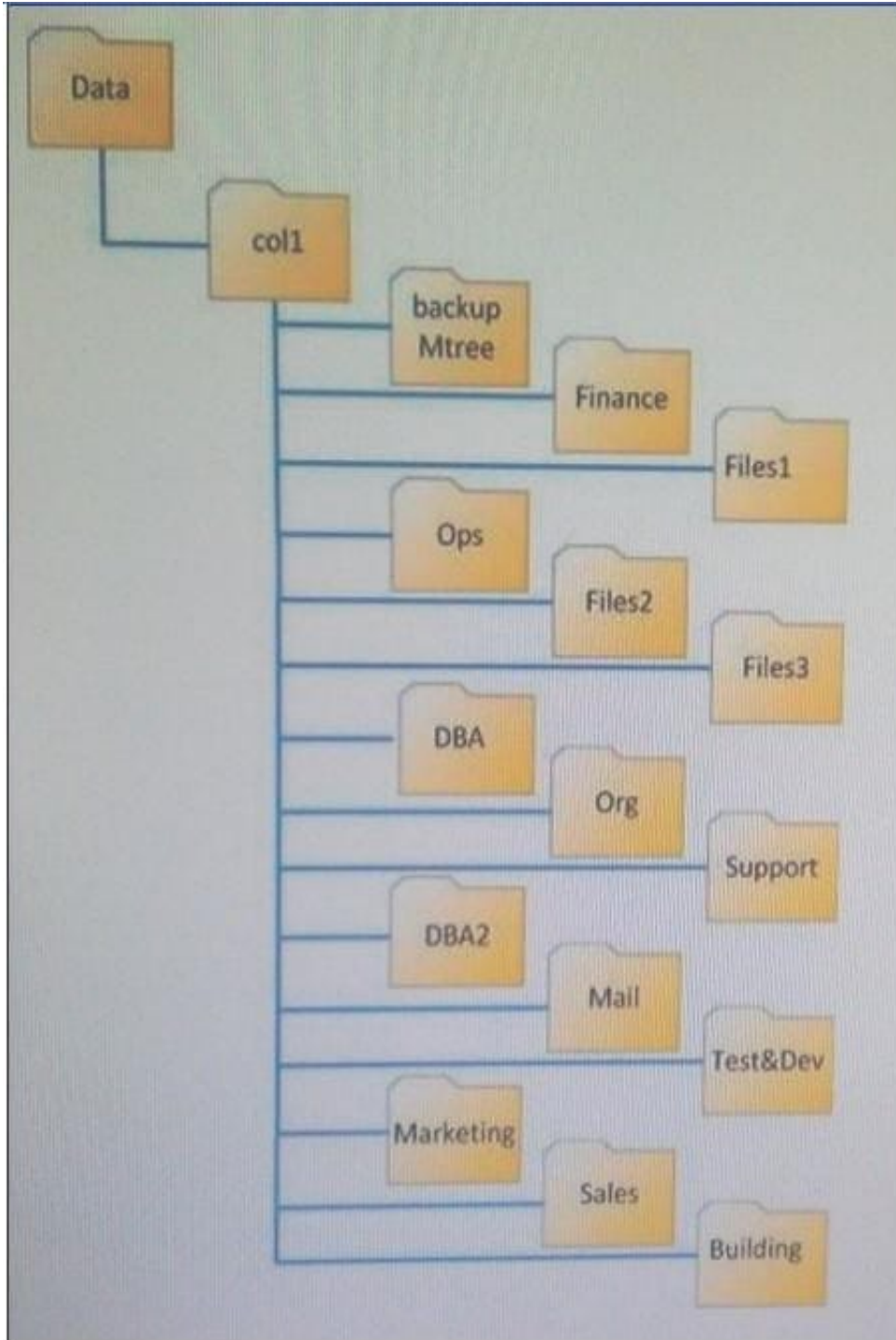
- A. RAID 0 or RAID 1
- B. RAID 1 or RAID 10
- C. RAID 3
- D. RAID 5 or RAID 6

Correct Answer: B

QUESTION 6

As shown in the exhibit, a customer has configured EMC Data Domain for management. They have noticed performance issues when using the configuration.

How many Mtrees should be removed to improve the performance?

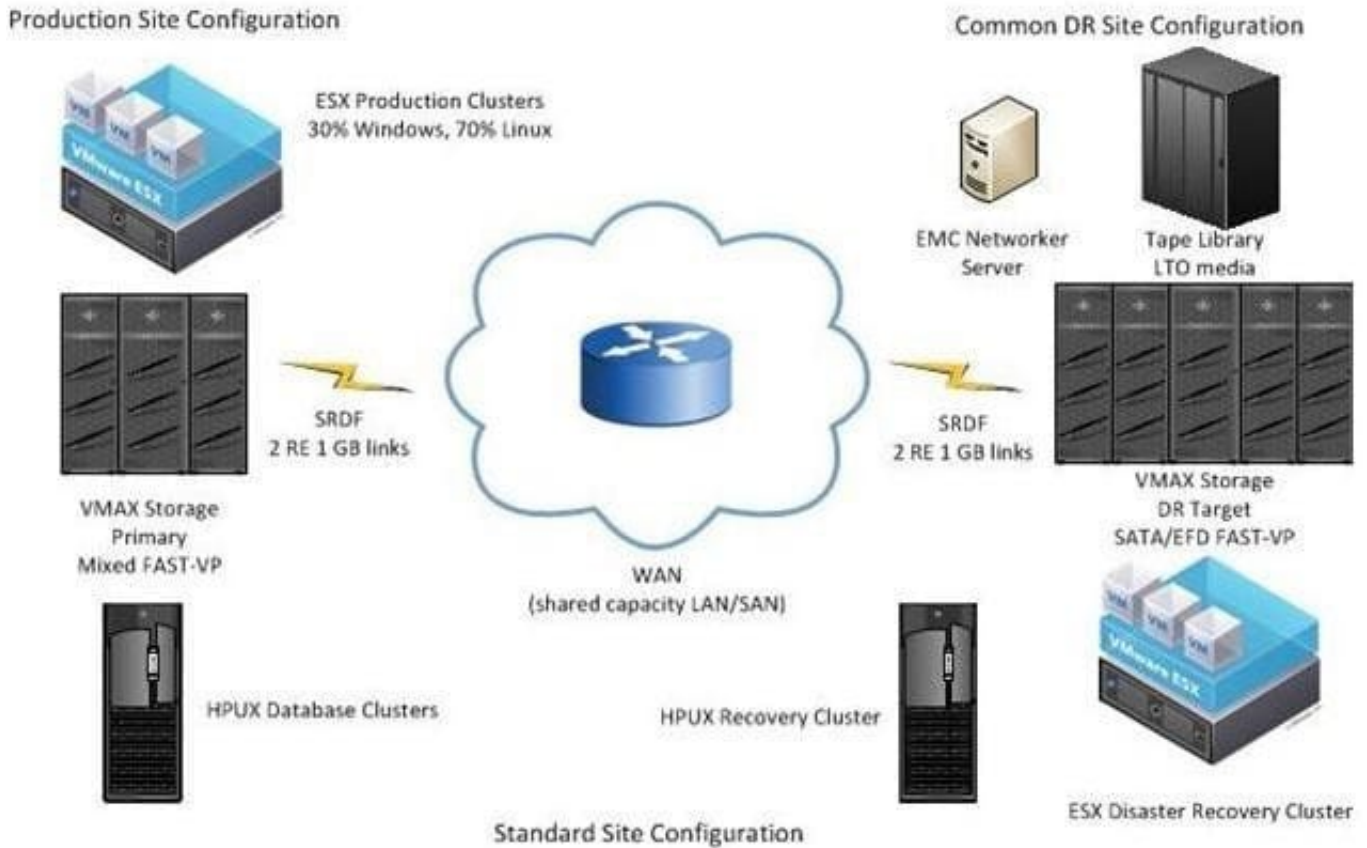


- A. 1
- B. 2
- C. 3
- D. 4

Correct Answer: A

QUESTION 7

Refer to Scenario .



The Chief Technical Officer (CTO) of a large company has directed their IT management staff to examine corporate wide operations and find ways to limit the cost of operations. The corporate directives have prompted adoption of company policies that include the use of virtualization for all new servers and as many services as possible. The company is subject to government regulations concerning data retention policies for confidential data. Data has to be retained for seven years.

An audit of the backup and recovery environment is performed. The exhibit shows a typical site and how it is connected to the disaster recovery environment. Data in the primary site is configured on VMAX storage using FAST-VP to support multiple work load types on a single storage array.

Data is protected by SRDF/A to a remote VMAX which acts as a target for multiple sites. The remote copy of the data is snapped and copied to tape. Retention is accomplished to governmental standards by offsite storage of tape in a remote protected facility.

The company has noted that it has the following requirements in any proposed architecture for the backup and recovery environment:

1.
Reduced power consumption
2.
Reduced floor space consumption

3.

Reduced storage capacity consumption

4.

Lower WAN bandwidth utilization

5.

Shorten RPO

6.

Decrease RTO

7.

Increase security

8.

Lower Total Cost of Ownership (TCO)

To satisfy the stated requirements, the customer wants to use a virtual appliance to limit power and space consumption in their smaller locations. To replace the current SRDF/A replication model, which EMC technology should be recommended?

A. Data Domain

B. NetWorker NDMP

C. Avamar AVE

D. NetWorker Archiver

Correct Answer: A

QUESTION 8

You have been asked to perform an assessment of a customer's environment. The customer has given you complete access to their IT staff and environment.

Which stage of the assessment are tools deployed to capture information about their systems?

A. Environmental Analysis

B. Interview Phase

C. Cross Check Phase

D. Solution Design

Correct Answer: A

QUESTION 9

An EMC customer has a 2 TB single-node Avamar server at a local site. The server is replicating to another 2 TB single-node Avamar at a remote site. The customer wants to add at least 1 TB of capacity for future growth.

Which solution would you recommended?

- A. Add a 1x3 RAIN Avamar server using 1 TB nodes at the local site and move the local 2 TB single-node Avamar server to the remote site.
- B. Add one 2 TB single node at the local site replicating to a new 2 TB single-node Avamar server at the remote site.
- C. Convert both the single node at the local and remote sites to a 1x2 Avamar server by ordering two 1 TB nodes and two utility nodes.
- D. Add a 1x3 RAIN Avamar server using 1 TB nodes at the remote site and move the remote site 2 TB single-node Avamar server to the local site.

Correct Answer: B

QUESTION 10

You have suggested to a customer that a Data Deduplication Assessment A (DDA:A) would help them evaluate deduplication in their environment. What would you recommend after the completion of the DDA:A scan?

- A. Schedule and run a File System Assessment
- B. Map drives for the DDA:B scan
- C. Rerun the DDA:A scan within one week of the first scan
- D. Perform the DDA:A backup script

Correct Answer: A

QUESTION 11

An EMC NetWorker customer is backing up all clients using EMC Avamar deduplication. They have a requirement for backup redundancy for disaster recovery.

What is recommended to provide this protection?

- A. Replicate backup data in Avamar, clone deduplication metadata in NetWorker
- B. Replicate backup data and deduplication metadata in Avamar
- C. Replicate deduplication metadata in Avamar, clone backup data in NetWorker

D. Clone backup data and deduplication metadata in NetWorker

Correct Answer: A

QUESTION 12

When performing an NDMP backup with EMC NetWorker, how is file history processed by the NetWorker server?

- A. B-Tree is processed at the end of the backup. Indexes are generated and committed at the end of the backup.
- B. B-Tree is processed during the backup. Indexes are generated and committed during the backup.
- C. B-Tree is processed at the end of the backup. Indexes are generated during the backup.
- D. B-Tree is processed during the backup. Indexes are generated and committed at the end of the backup.

Correct Answer: A

QUESTION 13

A web-based service customer is using EMC NetWorker to backup their environment. The environment consists of various departments located across different buildings in the same campus with a dedicated backup infrastructure. All backups are sent to a central location.

They are experiencing issues in which the 2 TB database backup jobs are not completing within the backup window. They want a replication solution that will have minimal impact on the NetWorker server and lower TCO.

What should be recommended to resolve the issue and implement an efficient replication plan?

- A. Integrate Data Domain into NetWorker
- B. Deploy Avamar and integrate into NetWorker
- C. Convert all large clients to storage nodes
- D. Use the NetWorker Multi-Tenancy feature

Correct Answer: A

QUESTION 14

A customer's backup environment consists of an EMC Avamar 6.1 integrated Data Domain solution. A large portion of the backup data comes from Microsoft Exchange servers. The Avamar backups use the Data Domain device as a backup target.

Where are the Microsoft Exchange logs file sent?

- A. Avamar server
- B. Data Domain

- C. Avamar and Data Domain at the same time
- D. Avamar and then moved to Data Domain

Correct Answer: A

QUESTION 15

A customer has been using lz Local Compression when backing up their data to an EMC Data Domain system. An audit of their storage content shows that they can effectively use gz compression for their data. What should be considered before changing the Local Compression type?

- A. Overall system performance will improve with the new compression
- B. Existing data will not be recompressed; only new data will be gz compressed
- C. New compression on the old data will not take effect until the next system cleaning
- D. Changes must be made at the beginning of a 20-hour backup window

Correct Answer: A

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