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Pass Guaranteed 2026 D-MSS-DS-23: Dell Midrange Storage Solutions Design 2023 Unparalleled Reliable Braindumps

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EMC D-MSS-DS-23 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• Dell Midrange Sizing Solutions: This section of the exam measures the skills of storage engineers and covers the use of tools like the Midrange Sizer for Unity to size solutions effectively. It includes design methods and deliverables associated with sizing storage solutions.
Topic 2	<ul style="list-style-type: none">• Dell Midrange Storage Solutions Planning, Sizing, and Design: This section of the exam measures the skills of storage engineers and covers the planning, sizing, and design phases of a Midrange solution sales engagement. It emphasizes conducting site evaluations and remediation processes while considering performance parameters and environmental limits. A critical skill evaluated is accurately characterizing workloads to inform design decisions.

Topic 3	<ul style="list-style-type: none"> • Midrange Storage Solutions Best Practice: This section of the exam measures the skills of Dell Unity and PowerStore Midrange Storage Solutions professionals and covers best practice recommendations for system configuration and upgrades. It includes guidelines on hardware capacity, deployment models, clustering, and operating system upgrades. A key skill assessed is implementing effective backend connectivity solutions that enhance system performance.
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EMC Dell Midrange Storage Solutions Design 2023 Sample Questions (Q19-Q24):

NEW QUESTION # 19

A technical architect is helping a customer prepare for a data center maintenance window. All applications must failover to the disaster recovery site. The customer also wants to test their disaster recovery plan. What PowerStore Manager replication option should be used to address the customer's need, and from which site should the option be run?

- A. Planned failover from target site
- B. Failover from source site
- C. Failover from target site
- D. **Planned failover from source site**

Answer: D

Explanation:

For a customer preparing for a data center maintenance window and wanting to test their disaster recovery plan, the recommended PowerStore Manager replication option is a planned failover from the source site. This process involves initiating the failover from the source site, ensuring a controlled transition of applications and services to the disaster recovery site. Planned failover allows for testing the disaster recovery plan while maintaining data integrity.

NEW QUESTION # 20

A customer has a data center with applications running on 16 volumes that are presented from a Dell Unity XT system. They want to design a DR site within metro distance with zero RPO using storage-based replication. According to Dell best practices, which design approach minimizes the impact on storage performance?

- A. Use multiple ports per controller for replication.
- B. Create the synchronous replication session before filling the source storage object with data.
- C. **Include a Flash tier in a hybrid pool where synchronous replication is active.**
- D. Use Thick volumes within the replication group.

Answer: C

Explanation:

Dell Unity XT and DR Design:

For disaster recovery (DR) within a metro distance and zero Recovery Point Objective (RPO), synchronous replication is the preferred method.

Synchronous replication ensures that data is written to both the source and target volumes simultaneously, which requires high performance to minimize latency.

Best Practices for Minimizing Impact on Performance:

Multiple Ports per Controller: While this can improve throughput, it does not directly minimize the latency impact of synchronous replication.

Flash Tier in Hybrid Pool: Including a flash tier in a hybrid pool enhances performance significantly because flash drives offer lower latency and higher IOPS compared to traditional spinning disks. This is critical for synchronous replication scenarios where performance impact needs to be minimized.

Thick Volumes: Using thick volumes can provide consistent performance, but they do not inherently minimize the impact of synchronous replication.

Synchronous Replication Session: Creating the replication session before filling the source storage object with data is a procedural step and does not address performance during active replication.

Dell Midrange Storage References:

Dell Unity XT best practices emphasize the use of flash tiers in hybrid pools to boost performance for demanding operations, including synchronous replication.

Resources from Dell Technologies' documentation on storage-based replication and performance optimization provide detailed insights.

References:

Dell Unity XT Best Practices

Dell Community on Midrange Storage

Dell Storage Product Information

NEW QUESTION # 21

Which two statements are correct for a PowerStore 5200T with mixed SSD and SCM drive combination?

(Select 2)

- A. SCM drives do not add to usable capacity.
- B. Expansion Enclosures are supported.
- C. SSD drives are used for metadata tiering.
- D. NVMe drives are not used for Caching and Vaulting.

Answer: A,B

Explanation:

For a PowerStore 5200T system with a mixed SSD and SCM (Storage Class Memory) drive combination, the following statements are correct:

* Expansion Enclosures are supported:PowerStore 5200T supports expansion enclosures, allowing for the addition of more drives to increase storage capacity and performance. This flexibility is crucial for scaling the storage system to meet growing data requirements.

* SCM drives do not add to usable capacity:SCM drives in the PowerStore 5200T are primarily used for caching purposes rather than for adding to the system's usable capacity. These drives improve performance by accelerating data access times but do not contribute directly to the overall storage capacity.

References:

* Dell Technologies PowerStore 5200T Documentation

* Dell Entry-Level and Mid-Range Storage Community

NEW QUESTION # 22

What details are covered in My Work Environmental Reports?

- A. Switch configuration and Host configuration
- B. Switch configuration and VPLEX configuration
- C. Interoperability and Migrations readiness
- D. Non-Dell product configurations

Answer: A

Explanation:

My Work Environmental Reports" typically cover essential configuration details relevant to Dell storage solutions, including switch configuration and host configuration. These reports are designed to ensure that the environment is set up correctly for optimal performance and interoperability with Dell storage products.

NEW QUESTION # 23

Which network option should be configured to provide the best iSCSI performance on a Dell Unity XT array?

- A. Jumbo frames
- B. Single VLAN for all traffic
- C. Disable flow control
- D. iSCSI offload

Answer: A

Explanation:

For optimal iSCSI performance on a Dell Unity XT array, configuring jumbo frames is recommended. Jumbo frames allow for larger

