

# **Dell EMC**

## **DES-1D12 Exam**

**Specialist - Technology Architect, Midrange Storage Solutions**

**Questions & Answers  
Demo**

# Version: 5.0

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**Question: 1**

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You are designing a two-tiered Dell EMC SC Series solution that will be optimized for performance. You gather the necessary data from Live Optics and find that the read/write ratio is 80:20.

What approach is recommended?

- A. Size Tier 1 for 100% of the adjusted IOPS
- B. Use distributed adjusted IOPS for all tiers
- C. Use distributed adjusted IOPS for Tiers 1 and 2 only
- D. Size Tier 2 for 100% of the adjusted IOPS

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**Answer: A**

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Explanation:

"The engineer should design a system to handle all, or nearly all, IOPS in one particular tier"

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**Question: 2**

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You are sizing a new Dell EMC SC Series array. Upon analyzing the Live Optics report, you find the current system has a peak throughput of 4687 MB.

What is the minimum number of 10Gb iSCSI front-end ports required to meet the throughput needs?

- A. 8
- B. 10
- C. 12
- D. 16

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**Answer: D**

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Explanation:

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**Question: 3**

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What is the Dell EMC best practice for sizing and designing a Dell EMC SC Series solution?

- A. Front-end ports required for performance should always meet capacity needs
- B. Drive capacity should meet performance needs
- C. Size for performance first and capacity second

D. Size for capacity; Data Progression should always meet performance needs

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**Answer: C**

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Explanation:

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**Question: 4**

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You plan to schedule a Live Optics sampling with your customer to size a Dell EMC SC Series array. However, the customer wants to postpone the run until the end of the quarter because there could be more

activity on the current storage system. What course of action is recommended?

- A. Wait until the end of the quarter and collect a week-long sampling
- B. Take a single-day sampling on any given day because that is sufficient in most instances
- C. Wait until the end of the quarter and collect a single-day sampling
- D. Take a week-long sampling on any given week because that is sufficient in most instances

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**Answer: B**

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Explanation:

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**Question: 5**

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A customer site has four NAS servers participating in MetroSync replication. Which Dell EMC Unity feature could reduce failover times?

- A. QoS Failover Policy
- B. Cabinet Failover
- C. SRDF Metro
- D. Consistency Groups

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**Answer: B**

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Explanation: