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QUESTION 1

A customer is looking for a NAS solution to support their read-intensive application.

This solution must meet the following requirements: 1000 users Aggregate bandwidth of 5 GB/s 500 TB of user data Typical latency of 5 ms.

The files are distributed evenly across 10 directories.

Which cluster configuration would best meet these requirements?

- A. Seven X400 (108 TB) nodes with no SSD
- B. Eight NL400 (96 TB) nodes with 1.6 TB SSD
- C. Eight X400 (96 TB) nodes with 1.6 TB SSD
- D. Twenty-five X200 (30 TB) nodes with 800 GB SSD

Correct Answer: B

QUESTION 2

Your customer has an existing Isilon cluster with seven X200 nodes. The cluster is used to store home directories and departmental shared folders. They are planning to deploy a new application that generates small block, synchronous writes.

Which OneFS 7 capability can help reduce latency for the new workload?

- A. Endurant Cache
- B. L2 Cache
- C. Solid State Drives
- D. Prefetcher

Correct Answer: A

Reference: <http://isilonblog.emc.com/diving-deeper-into-isilon-onefs-7-0/> (performance, third para)

QUESTION 3

DRAG DROP

What is the correct sequence of events in a SyncIQ failover procedure after a failure occurs in the source Isilon cluster?

Select and Place:

Read-only restriction is removed from the SyncIQ domain for that policy	Step 1
Storage administrator runs <code>isi sync recovery allow-write</code> command on a SyncIQ policy	Step 2
Data under that policy is restored to the last-known-good snapshot	Step 3
Storage administrator redirects users to the target	Step 4
Failover job prevents further synchronizations to the target for that policy	Step 5

Correct Answer:

	Read-only restriction is removed from the SyncIQ domain for that policy
	Storage administrator redirects users to the target
	Storage administrator runs <code>isi sync recovery allow-write</code> command on a SyncIQ policy
	Failover job prevents further synchronizations to the target for that policy
	Data under that policy is restored to the last-known-good snapshot

QUESTION 4

What is the minimum number of connected and available nodes required to maintain quorum in a 25-node Isilon cluster?

A. 10

B. 12

C. 13

D. 17

Correct Answer: C

QUESTION 5

The security team at a customer site has created a new requirement that in-flight replication traffic must be encrypted end-to-end. The customer is running OneFS 8.2.1 on their cluster.

What encryption protocol versions does SyncIQ support?

A. TLS 1.3 and OpenSSL 1.1.1

B. IPsec 2.1 and OpenSSL 1.0.2

C. TLS 1.2 and OpenSSL 1.0.2

D. x.509 13.37 and OpenSSL 0.9.8

Correct Answer: C

Reference: https://www.dellemc.com/resources/en-us/asset/white-papers/products/storage/h8224_replication_isilon_synciq_wp.pdf (56)

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