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**QUESTION 1**

Your customer's initial use case was Home Directories. They implemented the cluster with four 1Gbps ports and LACP. They are planning to expand their cluster to support their core file services. They plan to upgrade their network infrastructure to 10 GbE to facilitate this.

What are two design impacts this change will have?

- A. Maximum performance is obtained by only using a single 10GbE interface per node. LACP and multiple links may be used to increase redundancy, but will not provide more overall performance to the system
- B. LACP and multiple links may be used to increase redundancy, but will not provide more overall performance to the system. FCoE should be considered for the External Network Ports on the nodes.
- C. Dual 10GbE ports on each node will enable throughput of 20Gbps. Only connect half of the nodes to the network.
- D. Maximum performance is obtained by only using a single 10GbE interface per node. Isilon can support up to 400MB/s per node

Correct Answer: A

QUESTION 2

Which Isilon tool can be run from the cluster to display Isilon statistics such as CPU activity?

- A. iperf
- B. iostat
- C. InsightIQ
- D. MiTrend

Correct Answer: C

Explanation: InsightIQ 4.1 introduces a new report that displays statistics Reference:
<https://www.emc.com/collateral/software/data-sheet/h8317-ds-isilon-insightiq.pdf>

QUESTION 3**DRAG DROP**

A customer is trying to read data from Node 1 to Node 5 in an Isilon cluster. The two Isilon nodes have the same content in the private caches. Cached data is consistent across both instances. What is the correct sequence of steps that OneFS uses to ensure that all data is consistent across the entire shared cache?

Select and Place:



Node 1 updates the value	Step 1
Node 1 responds to the write request	Step 2
Node 5 re-reads the data from shared cache to get the updated value	Step 3
Node 1 invalidates Node 5's copy	Step 4

Correct Answer:

	Node 1 invalidates Node 5's copy
	Node 5 re-reads the data from shared cache to get the updated value
	Node 1 updates the value
	Node 1 responds to the write request

Reference <https://www.emc.com/collateral/hardware/white-papers/h13249-isilon-onefs-smartflash-wp.pdf>

QUESTION 4

Which tool is used to perform a cluster-wide kernel configuration change on an Isilon Gen 6 cluster?

- A. sysct1
- B. isi_tardis
- C. isi_for_array
- D. gconfig

Correct Answer: A

QUESTION 5

Your customer's site uses an old X-Series cluster, and they are interested in consolidating their two primary workflows.



iostat shows that one of the applications is sensitive to latency, while isi statistics indicates sensitivity to disk response times. There are approximately 1000 users accessing 70 TB of file data.

Which node type would you recommend?

- A. S200
- B. X400
- C. X200
- D. NL400

Correct Answer: A

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