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QUESTION 1

A hospital is considering using Isilon to store their long-term archive data for their GE PACS application. They currently have two million 17 MB studies. They expect capacity requirements to be 50% compounded growth per year. They plan to use N+2:1 protection, and would like this sized for three years of growth.

Which minimum cluster configuration would meet this customer's environment?

- A. Five NL400 (1 TB drive) nodes
- B. Four NL400 (2 TB drive) nodes
- C. Five X200 (3 TB drive) nodes
- D. Three X400 (3 TB drive) nodes

Correct Answer: A

QUESTION 2

Which data access pattern uses moderate prefetching?

- A. Streaming
- B. Mirroring
- C. Random
- D. Concurrency

Correct Answer: D

Reference: <https://niktips.wordpress.com/category/hardware/storage-hardware/isilon/>

QUESTION 3

In an Isilon cluster, what is the largest number of nodes that a single file can be striped across?

- A. 10
- B. 20
- C. 30
- D. 40

Correct Answer: B

QUESTION 4



What is the sector size of an Isilon 8 TB drive?

- A. 512 bytes
- B. 1024 bytes
- C. 2048 bytes
- D. 4096 bytes

Correct Answer: A

QUESTION 5

Refer to the exhibit.

```
kip-6# isi statistics protocol --nodes all --output timestamp,numops,ops,in,inavg,out,outavg,node,timeavg,proto,class,op
TimeStamp NumOps  Ops   In InAvg  Out OutAvg Node TimeAvg Proto  Class  Op
s          N/s   B/s   B      B/s   B      6    us
1363109698.4 681 142.8 5.7K 40.0 14K 96.0 6 73.6 nfs3 namespace_read access
1363109698.4 1 0.2 7.6 36.0 18.5 88.0 6 46.0 nfs3 namespace_read getattr
1363109698.4 942 197.6 11K 53.9 43K 216.0 6 944.2 nfs3 namespace_read lookup
1363109698.4 282 59.1 2.8K 48.0 687K 12K 6 12044.8 nfs3 read read
```

You are analyzing a customer's existing Isilon environment using isi statistics in order to expand the cluster. When examining the protocol subcommand, you see the output as shown in the exhibit. What does the data tell you about the workload?

- A. It is metadata intensive.
- B. It is mostly sequential reads.
- C. It uses large read requests.
- D. It contains mostly random writes.

Correct Answer: A

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