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QUESTION 1

You meet with the IT Director of a large single site campus. The IT department has recently taken over Physical Security from the facilities department and plans a complete overhaul of the surveillance solution. They are looking to you as a storage architecture expert to provide the correct amount of storage needed. The IT Director asks you what items they need to provide in order to size this solution.

What data do you require from the customer?

- A. Resolution CODEC Frames Per Second (fps) Number of Devices Retention Time
- B. Pixel Count CODEC Color Sampling Frames Per Second (fps) Number of Devices Retention Time
- C. Pixel Count CODEC Color Sampling Frames Per Second (fps) Number of Devices Video Management System Evidence Collection Period
- D. Bit rate per camera Camera Manufacturer Video Management System Retention Time

Correct Answer: A

QUESTION 2

You have 1000 users for an application that reads and writes files averaging between one and four MB in size. Each user requires 24 MB of RAM. You want to add another 1000 users for this application, and in preparation for them, you run the `isi statistics` command. You discover that the average CPU utilization is 20%; aggregate throughput averages 700 MB/s and the disk QueueD average is 1.5. Your cluster currently has five X200 (12 GB RAM, 1 TB drive) nodes, uses N+2:1 protection and 1 GigE networking.

What should you do to accommodate the next 1000 users?

- A. Add five additional X200 (12 GB, 1 TB drive) nodes
- B. Upgrade each X200 node to a total of 24 GB of RAM.
- C. Upgrade two of the 1 GigE NICs to 10 GigE on each node.
- D. Add five A100 (24 GB RAM) accelerator nodes.

Correct Answer: A

QUESTION 3

You have gathered information from your customer about their current NAS environment. They indicated they are having performance and time-out issues with their clients accessing the storage. Currently over 5000 clients are simultaneously accessing the NAS; however, this will double in the next year.

Based on this information, what recommendations for a new Isilon cluster would you give to the customer based on this information?

- A. Create a six node X400 cluster today. As additional clients are added, add additional X400 nodes for them.



- B. Create a seven node X400 cluster today. You will not need to purchase additional nodes as more clients are added.
- C. Create a three node cluster today. As more clients are added, add three additional nodes each time for 1000 clients.
- D. Create a five node X400 cluster today. As more clients are added, add a Performance Accelerator node for every 1000 clients.

Correct Answer: A

QUESTION 4

A customer has an Isilon cluster with 6 nodes and a single 4-core CPU per node. The default configuration for SyncIQ workers per CPU core and SyncIQ workers per node per job limits are used. How many SyncIQ workers are available for the Isilon cluster?

- A. 24
- B. 64
- C. 96
- D. 192

Correct Answer: B

QUESTION 5

Your customer has an Isilon Gen 6 cluster with eight H400 nodes. During an unexpected power outage some of the nodes go offline simultaneously.

How many nodes need to remain up and communicating over the backend network to maintain a quorum in the cluster and still enable write access to the OneFS file system?

- A. 2
- B. 4
- C. 5
- D. 6

Correct Answer: B

Reference: <https://www.dellemc.com/en-me/collaterals/unauth/technical-guides-support-information/products/storage/h10719-isilon-onefs-technical-overview-wp.pdf> (23)

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