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QUESTION 1

A potential customer requires 800TB of usable capacity to store medical images for their network of health clinics. The IT department has limited staff and currently manages four storage arrays from other vendors. During a meeting with the Director of IT, you learn that the company is planning to deploy a scale-out NAS solution from a competitor of EMC.

Which factors can demonstrate a lower TCO using Isilon?

- A. An IDC study found that Isilon requires 30% less downtime per year compared to other solutions
- B. Isilon linear scalability eliminates over buying and over provisioning
- C. An IDC study found that Isilon requires 95% less downtime per year compared to other solutions
- D. Isilon uses lower speed NL-SAS drives which reduces overall power and cooling requirements
- E. An IDC study found that Isilon requires 95% less downtime hours per year compared to other competitors
- F. Isilon linear scalability eliminates over buying and over provisioning
- G. An IDC study found that Isilon requires 95% less downtime hours per year compared to other competitors
- H. Isilon linear scalability closely aligns with additional staff requirements as capacity grows

Correct Answer: CF

QUESTION 2

Your customer is looking for a storage solution that will be able to store seven million 3 MB files which are written and seldom accessed. Read and write operations are both completed by a web-based application, which requires 1.3 Gbps throughput. The customer's network has not been upgraded in many years, so the network interfaces are 1 Gbps.

What would be the best solution for this network configuration?

- A. Use LACP to aggregate the network ports on each node.
- B. Use jumbo frames to compensate for the 1GB Core network.
- C. Aggregate Infiniband (IB) ports across all nodes.
- D. Bond EXT-0 across all nodes.

Correct Answer: A

QUESTION 3

What is the recommended namespace path for the access zone on a new Isilon cluster with SyncIQ license?

- A. /ifs//data
- B. /ifs///data



C. /ifs//data

D. /ifs///data

Correct Answer: A

Reference: <https://www.dellemc.com/en-us/collaterals/unauth/technical-guides-support-information/2019/09/docu95372.pdf>

QUESTION 4

A customer is inquiring about expanding their primary cluster consisting of six S-Series nodes in order to improve performance. They have a second cluster with 11 X-Series nodes. Both clusters leverage 1GbE, but the customer recently installed a 10GbE network that can be utilized. They also have multiple Fibre Channel SAN arrays in their environment.

They have a variety of workloads on each cluster and are in the process of determining which workloads belong on which cluster. They have discovered that one of the workloads- a SQL database that resides on the X-Series node cluster - is experiencing timeouts due to latency. The database vendor has suggested limiting latency to 5ms or less to eliminate these timeouts.

How do you advise the customer?

A. Consider migrating data from Isilon to one of their SAN platforms or proposing a new solution to handle the performance requirements of SQL.

B. Merge the S-Series nodes and X-Series nodes into one cluster, upgrade the 1GbE to 10GbE, and leverage SmartPools to allow for the cluster to determine where data should reside.

C. Suggest the customer consider leveraging SSDs in the new nodes they purchase and GNA to boost the performance of each cluster.

D. Recommend they increase the amount of DRAM in the cluster or consider an Accelerator node in order to increase the amount of cache in their cluster.

Correct Answer: A

QUESTION 5

A company currently has numerous file servers providing home directories for its employees. Some departments have their own file servers. All corporate users authenticate using Active Directory. The engineering department has their own untrusted AD domain for their file servers.

The company is looking for a consolidated solution that requires minimal changes to the environment, and that creates a single namespace for the home directories.

What is the recommended solution that will meet this company's requirements?

A. Implement an Isilon cluster and utilize Access Zones.

B. Configure two separate clusters, one for each AD domain.

C. Utilize SmartPools to create two pools to separate the domains.



D. Consolidate onto a single cluster and merge the domains.

Correct Answer: A

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