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Exam : D-PSC-DS-01

**Title : Dell PowerScale Design v2
Exam**

Version : DEMO

1.How does node architecture impact performance sizing in a PowerScale solution?

- A. Each node's CPU and memory characteristics directly influence workload throughput and latency
- B. Nodes only provide disk storage capacity, not affecting performance
- C. Node architecture is irrelevant if all nodes run the same OneFS version
- D. Network switch models completely negate node performance differences

Answer: A

2.While considering expanding a current Isilon cluster, what tool or report can be used to investigate current file sizes used on the cluster?

- A. Isilon web interface: SmartQuotas
- B. InsightIQ: Deduplication Reporting
- C. Isilon web interface: Storage pools
- D. InsightIQ: File System Analytics

Answer: D

3.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

Answer: CF

4.Where are file system changes first stored?

- A. L1 Cache
- B. Endurant Cache
- C. L2 Cache
- D. Journal

Answer: D

5.In OneFS, what is the largest number of disks in a subpool?

- A. 234
- B. 256
- C. 468

D. 864

Answer: B