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QUESTION 1

What is the relative latency of a cache hit to L1 cache compared to a hit to L2 cache in an Isilon cluster?

A. 2x

B. 5x

C. 10x

D. 25x

Correct Answer: C

QUESTION 2

You have had several meetings with an existing EMC VMAX customer. They have agreed that they would like to review an initial Isilon Solution for unstructured data used by the Product Development Team. All production is managed through a Global Enterprise Resource Planning system based in Germany. They require 600TiB of usable capacity. The File System must be accessible from Windows and Linux High-End Workstations. The files are generally not accessed after 120 days, and they would like automated tiering.

Which questions about architectural integration will impact the solution design?

A. • What Enterprise Resource Planning platform are they using in manufacturing?

•

 What is their Recovery Point Objective?

•

 What is their Archival Strategy?

B. • How many data centers do they have?

•

 Will their Network Infrastructure support implementing Isilon?

•

 What Enterprise Resource Planning platform are they using in manufacturing?

C. • How many clients will access the File System?

•

 Will their VDI clients access the Isilon Cluster?

•

 What is the DR plan for the ERP System?

D. • What non-sizing-specific factors in the customer\\'s environment could impede integration of the Isilon solution?

•

 What applications are they using?

•

 What are your priorities among performance, scalability, or availability?

Correct Answer: C

QUESTION 3

There is a concern that there are not enough physical switch ports available for the Isilon cluster in a new implementation with SMB and ICAP requirements. What course of action should be taken?

A. Team the NICs across the nodes and just add one connection to minimize the ports required.

B. The customer needs to provide more switch ports for the implementation

C. Create a SmartConnect zone across all ports but do not connect all of them

D. Leave the archival nodes off the external network switch to save switch ports

Correct Answer: B

QUESTION 4

Your customer has an existing Isilon cluster with seven X200 nodes. The cluster is used to store home directories and departmental shared folders. They are planning to deploy a new application that generates small block, synchronous writes.

Which OneFS 7 capability can help reduce latency for the new workload?

A. Endurant Cache

B. L2 Cache

C. Solid State Drives

D. Prefetcher

Correct Answer: A

Reference: http://isilonblog.emc.com/diving-deeper-into-isilon-onefs-7-0/ (performance, third para)

QUESTION 5

A four node F800 Isilon cluster running OneFS 8.2.1 has a dedicated subnet and IP pool for SMB data traffic. SmartConnect Advanced license is applied. The SMB IP pool consists of LACP aggregated. 10GigE interfaces from all the nodes. What is the maximum number of SmartConnect Service IPs recommended for the SMB subnet?

A. 1

B. 2

C. 4

D. 6

Correct Answer: A

Reference: https://www.dellemc.com/en-us/collaterals/unauth/white-papers/products/storage/h16857-wp-onefs-best-practices.pdf (19)

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