DUMPSARENA

Isilon Solutions and Design Specialist Exam for Technology Architects

EMC E20-555

Version Demo

Total Demo Questions: 10

Total Premium Questions: 344

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QUESTION NO: 1

-- Exhibit --

We have been engaged by a research hospital to help upgrade their Isilon installation. They currently have 12 previous generation Isilon nodes with 200TB of capacity and run on a 1Gbps network. They currently have 6 Illumina Hi-Seq Sequencers and an HPC cluster to process data. They would like to expand Isilon to 2PB of active data and 1PB of archive data. They use a third party data and metadata management service (IRODs) to stage data for analysis. The Isilon cluster is mainly used for analysis work with the HPC cluster.

-- Exhibit --

The customer has a limited budget. What would be the best price/performance solution for their active data?

A. 14 X-Series nodes with no SSD drives and 96GB of RAM

B. 17 X-Series nodes with SSD drives and 48GB of RAM.

C. 14 NL-Series nodes with 24GB of RAM

D. 12 X-Series nodes with no SSD drives and 24GB of RAM

ANSWER: A

QUESTION NO: 2

Which feature of OneFS is used in the Home Directory and File Share vertical to monitor storage and media

clients for optimal performance?

A. SyncIQ

B. SmartPools

C. InsightIQ

D. Aspera

ANSWER: B

QUESTION NO: 3

You are helping a customer create a cost-effective Isilon solution. The customer environment includes high IOPS-intensive, random access file-based applications.

Which Isilon storage node type will meet the customer's needs?

A. S-Series

B. NL-Series

C. X-Series

D. Performance Accelerator

ANSWER: A

QUESTION NO: 4

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: C F

QUESTION NO: 5

What is the minimum size and the maximum size, respectively, of a single pre-Gen 6 node pool?

A. 3 and 144

B. 3 and 288

C. 4 and 144

D. 4 and 288

ANSWER: A

QUESTION NO: 6

A company has purchased an Isilon cluster. The storage administrator knows they will have a large number of clients with similar workloads connecting to the cluster through NFS, and connections will be maintained for a long time. Which two connection balancing policies should be recommended for initial use? (Choose two.)

A. Round Robin and Connection Count

B. CPU Utilization and Network Throughput

C. Round Robin and CPU Utilization

D. Connection Count and Network Throughput

ANSWER: A B

Explanation:

:

References:

QUESTION NO: 7

An Isilon customer wants a job to periodically check disk sectors to ensure they can be read. What should be recommended to the customer?

A. MediaScan

B. IntegrityScan

C. Dynamic Sector Repair

D. Isilon Data Integrity

ANSWER: A

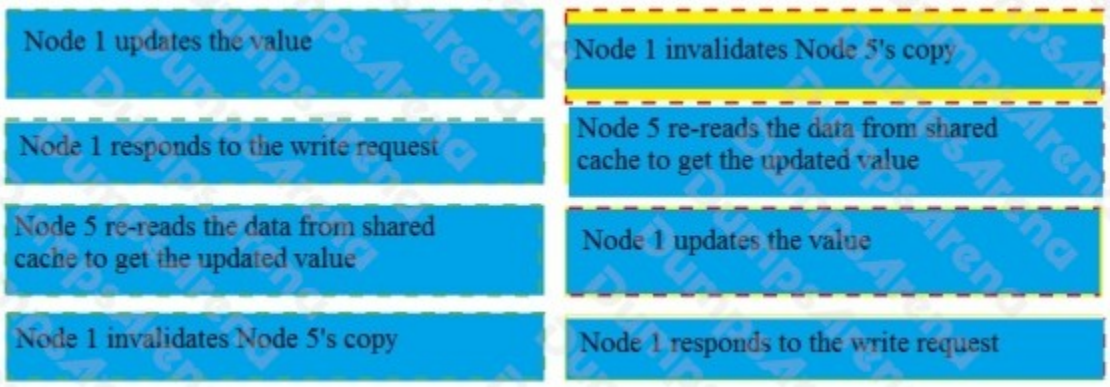
QUESTION NO: 8 - (DRAG DROP)

DRAG DROP

A customer is trying to read data from Node 1 to Node 5 in an Isilon cluster. The two Isilon nodes have the same content in the private caches. Cached data is consistent across both instances. What is the correct sequence of steps that OneFS uses to ensure that all data is consistent across the entire shared cache?

Select & Place:

ANSWER:



Explanation:

QUESTION NO: 9

A customer has two data centers (Site A and Site B).There is an Isilon cluster in each data center and they use SyncIQ to replicate data between the two data centers.

You have reviewed their disaster recovery plan and found the following:

☞ The policies specify that SyncIQ runs a replication job every 3 hours and that the job finishes within 1 hour.

☞ Three additional hours will be needed to get servers and the network redirected to work from Site B.

What is the Recovery Point Objective in this plan?

A. 2 Hours

B. 3 Hours

C. 4 Hours

D. 5 Hours

ANSWER: C

QUESTION NO: 10

If a customer experiences a node failure while at 90% capacity, what is the fastest way of replacing the node in an Isilon cluster?

A. Perform Disk Tango

B. Perform a disk SmartFail

C. Perform FlexProtect

D. Perform a node SmartFail

ANSWER: D