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QUESTION 1

Traditional NAS storage architecture deploys simple two-way failover between two controllers in their storage systems, such as highly-available configurations. How is the Isilon architecture different in terms of system resiliency and availability?

- A. Isilon OneFS enables each node to have a designated partner node for simple failover between the pair.
- B. Isilon solutions can enable failover to other nodes with the use of client-side drivers.
- C. Isilon clustered architecture deploys standby failover nodes to ensure the highest available solution.
- D. Isilon OneFS enables each node to be a peer to any other node in an Isilon cluster.

Correct Answer: D

QUESTION 2

An architect is designing a new cluster. The cluster contains H500 nodes to store home directories of 2000 users and A200 nodes to store backups of VMware virtual machines. Which data access patterns should be used?

- A. Streaming for the H500 nodes Random for the A200 nodes
- B. Streaming for the H500 nodes Concurrency for the A200 nodes
- C. Concurrency for the H500 nodes Streaming for the A200 nodes
- D. Random for the H500 nodes Streaming for the A200 nodes

Correct Answer: A

QUESTION 3

A customer is configuring Isilon SmartConnect. They have determined that their workload primarily consists of short-lived connections, such as HTTP and FTP.

Which load-balancing policy provides the most efficient client distribution?

- A. CPU Utilization
- B. Round Robin
- C. Connection Count
- D. Random Selection

Correct Answer: A

QUESTION 4



You get a call from a customer that has just added 200 user connections to the cluster. They want to know how fast they are writing data with these new users.

What tool would you use to gather this information?

- A. InsightIQ
- B. Network Monitor
- C. Wireshark
- D. Watch4net

Correct Answer: A

QUESTION 5

A potential customer requires 4 PB of usable capacity to store media files. The workloads are a combination of streaming video delivery and long term archive of video assets.

There is very little space available in the customer's datacenter, so physical density is very important. The customer is concerned about performance impact and potential data loss when using 3 TB or larger drives.

What Isilon capabilities can address the customer's concerns?

- A. Isilon does not perform rebuilds - data reProtection is typically 2x-3x faster than traditional RAID rebuilds. N+3 and N+4 Protection Levels exceed traditional RAID6 availability. Data redistribution runs faster with more nodes in the cluster.
- B. N+3 and N+4 Protection Levels exceed traditional RAID6 availability. Proactive hot sparing eliminates most drive rebuilds. Endurant Cache reduces the overhead for write operations.
- C. Isilon does not perform rebuilds - data reProtection is typically 2x-3x faster than traditional RAID rebuilds. Data recovery is consistent, taking the same amount of time regardless of cluster size. Isilon's 'short strokes' 4TB drives to reduce rebuild time.
- D. Isilon nodes have more drives per rack unit so fewer shelves are required. Proactive hot sparing eliminates most drive rebuilds. N+3 and N+4 Protection Levels exceed traditional RAID6 availability.

Correct Answer: A

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