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E20-555 Q&As

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QUESTION 1

A hospital is considering using Isilon to store their archived medical images and Genomic Sequencing data. They currently have 56 TB of PACS images and 24 TB of genomic data, and expect to double their capacity requirements this year. They will replicate to a DR cluster, and plan to use N+2 protection. The production workload needs to be run at either site.

Which minimum cluster configuration, at each site, including software, would meet this customer\\'s environment?

A. Five X400 (2 TB drives) nodes with SyncIQ.

B. Four NL400 (3 TB drives) nodes with SyncIQ.

C. Seven X200 (3 TB drives) nodes with SyncIQ and SnapshotIQ

D. Five X400 (2 TB drives) nodes with SnapshotIQ.

Correct Answer: A

QUESTION 2

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

Correct Answer: AB

Reference: http://doc.isilon.com/onefs/7.0.0/help/en-us/GUID-CBD3BE08-2152-41C5-8451-EDA5E3AC972A.html

QUESTION 3

An Isilon customer created a SyncIQ policy to replicate data from a primary cluster to an offsite secondary cluster. The primary cluster becomes unavailable, and the customer has completed a failover onto the secondary cluster.

The primary cluster becomes available again, so the customer would like to fail back data to the primary cluster. The failback process does not replicate data.

What is the most likely reason the failback policy does not replicate data to the primary cluster?

A. Clusters are not sharing an Infiniband switch

B. Secondary cluster has modified files on it

C. Original policy was for synchronization

D. Policy contains a SmartLock directory

Correct Answer: C

QUESTION 4

When installing nodes into a Dell EMC rack, which node type requires the use of a Titan-HD rack?

A. H500

B. F800

C. A2000

D. A200

Correct Answer: C

Reference: https://manualzz.com/doc/24184612/isilon-site-preparation-and-planning-guide

QUESTION 5

-- Exhibit -A large manufacturing company is an existing Isilon customer with a cluster consisting of four NL400 nodes with 4TB drives. The cluster is using N+2:1 protection level and the file system shows that it is 60% utilized. Home directories and file shares comprise 75% of the existing content and the remainder is inactive deep archive. The company has 1,000 employees using Windows and Mac clients participating in a single Active Directory (AD) forest.

During a meeting with the CIO and Director of IT you discuss the company\\'s recent acquisition ?an engineering firm that specializes in Computer Aided Design (CAD). The engineering firm has 400 UNIX workstations that produce technical drawings which are currently stored on another vendor\\'s SAN solution. The all UNIX environment uses NIS for authentication and name resolution. They do not currently use DNS or LDAP. The engineering company has an old storage system that has been experiencing problems and the CIO would like you to migrate the data onto the Isilon cluster. The CIO would like to eliminate all tape and recover the data onto disk.

The CIO is concerned about security of the company\\'s intellectual property, especially with the rapid adoption of mobile devices and external cloud content sharing services such as DropBox, Egnyte, and SugarSync. They would like to implement an alternative that provides external file sharing and mobile device synchronization while maintaining security control over the company\\'s data.

The Director of IT reports that users are storing non-work related content on the Isilon cluster. They would like to limit the amount of capacity that each user can consume in their home directory and want to ensure you provide the capability to easily visualize which users are over their allotment.The company\\'s Windows users currently leverage Windows Shadow Copy to recover files that have been accidentally deleted. The IT department wants to ensure that Mac and incoming UNIX clients have the same functionality.

The Director of IT also mentions that users are reporting slow response times when browsing their home directories and shared folders. They are concerned that Isilon cannot scale to support their combined requirements.

-- Exhibit -

What steps would you recommend to the IT Director to allow for collaboration between the engineering company and

the manufacturing company?

A. Set up Access Zones on the Isilon cluster using Active Directory (AD) and NIS authentication. Create directories and apply user group permissions from AD and NIS for each collaboration team.

B. Repoint the engineering users to the Active Directory controller Add the users to the appropriate Active Directory security group.

C. Upload a collaboration user csv file into the cluster with usernames and passwords for the collaboration directory.

D. Create a new pool for use by the collaboration users. Set up Access Zones on the Isilon cluster using AD and NIS authentication.

Correct Answer: A

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