Dell EMC

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Dell EMC PowerScale Solutions Specialist for Technology Architects

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Question: 1

When designing an Isilon cluster for content creation workflows in the Media and Entertainment (M&E) vertical, what type of workflows must you consider?
Response:

A. Random access
B. Batch
C. Small file
D. Sequential

Answer: D

Question: 2

Which type of interface is used in Isilon hardware nodes for back-end interconnect?
Response:

A. InfiniBand
B. Fibre Channel
C. 10GbE
D. 40GbE

Answer: A

Question: 3

Which type(s) of data is predominately associated with home directories and file shares?
Response:

A. E-mail files, PPT, Word documents
B. Oracle directories
C. SQL database files
D. XML data

Answer: A

Question: 4

A large retail customer is using their Isilon Gen 6 cluster to store receipts. The resulting workflow data consists of only small files. What configuration change is recommended for this environment to reduce CPU overhead?

Response:

A. Increase the L2 cache on every node in the cluster
B. Decrease the L3 cache on every node in the cluster
C. Set the requested protection level higher than the default
D. Set the requested protection level as mirrored protection

Answer: D

Question: 5

You meet a customer for the first time. They explain that their current environment for NAS does not meet their needs. You want to make sure that Isilon is a good fit for their needs. What would be a good prequalifying question to ask?

Response:

A. What Applications access this storage?
B. What type of racks are in your datacenter?
C. Are you using a KVM to access your storage?
D. How many NICs do your clients have?

Answer: A

Question: 6

A Media and Entertainment company is considering changing from 2K resolution to 4K resolution. They will continue to use the DNxHD 220 codec. Assuming everything else stays the same, how will this change affect storage?

Response:

A. Storage will be half as large
B. Storage requirements will not change
C. Storage will be twice as large
D. Storage will be four times as large

Answer: D

Question: 7

A company needs to have their data asynchronously replicated. They also need to maintain a daily copy of the data for a week at the target side to enable fast recovery of files. They decide to purchase two Isilon clusters. They do not want to spend money unnecessarily. Which licenses must they acquire?
Response:

A. SyncIQ license at source and target clusters. SnapshotIQ license at source and target clusters.
B. SyncIQ license at source cluster only. SnapshotIQ license at source cluster only.
C. SyncIQ license at target cluster only. SnapshotIQ license at target cluster only.
D. SyncIQ license at source and target clusters. SnapshotIQ license at target cluster only.

Answer: D

Question: 8

Which feature will provide data immutability without the ability for the administrator to delete the files under any condition?
Response:

A. Access Control Entries
B. Role-based Access Controls
C. Enterprise SmartLock
D. Compliance SmartLock

Answer: D

Question: 9

A company has data protection and recovery requirements that include:
- Point-in-time images of data
- Local data protection
- Directory level granularity
- Manual or scheduled operation
- Minimal storage to maintain
Which Isilon feature satisfies all requirements?
Response:

A. SyncIQ
B. NDMP two-way
C. SnapshotIQ
D. Smart Pools

Answer: C

Question: 10

What is used to set permissions for devices managed by Secure Remote Services?
Response:

A. InsightIQ
B. Secure Remote Services gateway
C. SupportIQ
D. Policy Manager

Answer: D

Question: 11

Your customer is looking for a storage solution that will be able to store seven million 3 MB files, which are written and seldom accessed. Read and write operations are both completed by a webbased application, which requires 1.3 Gbps throughput. The customer's network has not been upgraded in many years, so the network interfaces are 1Gbps.
Which cluster configuration would best meet the customer's requirements?
Response:

A. 3 NL400 nodes
B. 3 X400 nodes
C. 4 X200 nodes
D. 5 S200 nodes

Answer: D

Question: 12

Which balancing option is provided by SmartConnect Basic?
Response:

A. Round-Robin
B. Throughput
C. CPU usage
D. Connection count

Question: 13

A customer needs to consolidate 300 TB of home directory servers and shared file systems used by development and test groups. A key requirement is to prevent the systems from consuming all free capacity and impacting home directory content.
Which Isilon node configuration should be proposed?
Response:

A. X-Series with SmartQuotas
B. NL-Series with SmartQuotas
C. S-Series with InsightIQ
D. X-Series with SmartPools

Answer: A

Question: 14

An Isilon customer has acquired a company with its own AD and DNS infrastructure. A request is made to consolidate the data from a number of servers at the acquired company onto the existing company's Isilon cluster.
What is the least disruptive way to do this?
Response:

A. Migrate the data to the existing access zone and rewrite the permissions
B. Create a new access zone and SmartConnect Zone and migrate the data to Isilon
C. Create a new Groupnet and migrate the data to one of the existing access zones
D. Migrate the new data into a new Groupnet and access zone environment

Answer: D

Question: 15

What is the maximum number of data stripes in a Gen 6 Isilon?
Response:

A. 16
B. 20
C. 128
D. 144

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