

EMC

Exam E20-357

Isilon Solutions Specialist Exam for Implementation Engineers

Verson: Demo

[Total Questions: 10]

Question No : 1

A telecommunications company has a substantial amount of data. This data is being created by network elements within their environment.

The company wants to change the way the network element's Call Detail Records (CDR) are stored and analyzed. The existing infrastructure consolidates all of the CDRs into a table structure, and then ingests them into a large database. Once ingested, a query engine accesses the database and performs analysis on these files. The system is functional; however, since the amount of CDRs generated will increase exponentially over the next year, the company is open to alternatives for storing and analyzing these records. In evaluating alternatives, the key requirements are to reduce cost, the amount of storage, and the amount of time to analyze the data. The customer would like to use Hadoop to analyze the CDRs.

After you have conducted an assessment of the workflow, you have recommended an Isilon Cluster to work within the Hadoop environment.

What would be the best recommendation to the customer for the workflow of Hadoop with Isilon?

- A.** Copy the CDRs from the source to an Isilon cluster with NFS, then use Hadoop to analyze the information directly over HDFS
- B.** Write the CDRs directly to an Isilon cluster with an NFS mount, then use Hadoop to analyze the information directly over HDFS
- C.** Write the CDRs directly to an Isilon cluster with an NFS mount, then ingest the information into Hadoop with NFS, then analyze
- D.** Copy the CDRs from the source to an Isilon cluster with NFS, then ingest the information into Hadoop for analysis

Answer: B

Question No : 2

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

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

Answer: A

Question No : 3

When configuring data protection at +2:1 on a 6-node Isilon cluster, what is the overhead impact on the physical capacity?

- A. 1/2
- B. 1/3
- C. 1/4
- D. 1/5

Answer: D

Question No : 4

Your customer has an existing Isilon cluster with seven X200 nodes. The cluster is used to store homedirectories 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. Prefetcher
- B. Endurant Cache
- C. Solid State Drives
- D. L2 Cache

Answer: B

Question No : 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?

- A. What application are you using to create directories?
- B. Is your datacenter ISO9001 compliant?

- C. What protocols are accessing your NAS?
- D. How many users are in your Directory Services?

Answer: C

Question No : 6

A customer is purchasing a 5-node Isilon X400 cluster for an HPC application running on Linux. The customer currently has 10 HPC nodes and will persistent mount the Isilon cluster through NFSv3. Which recommended configuration addresses the customer's requirements for high availability and throughput?

- A. SmartConnect Advanced with Round Robin connection balancing and dynamic addressing
- B. SmartConnect Basic with Round Robin connection balancing and dynamic addressing
- C. SmartConnect Advanced with Network Throughput connection balancing and dynamic addressing
- D. SmartConnect Advanced with Round Robin connection balancing and static addressing

Answer: A

Question No : 7

Given a 7-node Isilon cluster configured with an N+2:1 protection level, how many nodes can be offline with the data accessible and fully writeable?

- A. One
- B. Two
- C. Three
- D. None; all nodes must be online

Answer: A

Question No : 8

A customer created one month of snapshots consisting of one snapshot every 8 hours for 30 days on an Isilon cluster using SnapshotIQ. The customer is now deleting the snapshots randomly and is experiencing overhead to the cluster. How can the customer remove the

snapshots and avoid the overhead caused by the process?

- A. Delete the snapshots in order
- B. Move the snapshot data to a different tier with SmartPools Complete collection of E20-357 Exam's Question and answers.
- C. Snapshots cannot be deleted
- D. Remove the directory

Answer: A

Question No : 9

If a customer has 10 nodes in a cluster with N+2 protection, what is the minimum number of nodes required to be online and in communication with one another to satisfy quorum?

- A. 4
- B. 5
- C. 6
- D. 7

Answer: C

Question No : 10

Which protocol does Isilon OneFS integrate with to provide on-access file scan functionality?

- A. ICAP
- B. IANA
- C. HTTPS
- D. REST

Answer: A

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