# 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 networkelements within their environment.

The company wants to change the way the network element's Call Detail Records (CDR) are stored andanalyzed. The existing infrastructure consolidates all of the CDRs into a table structure, and then ingests theminto a large database. Once ingested, a query engine accesses the database and performs analysis on thesefiles. The system is functional; however, since the amount of CDRs generated will increase exponentially overthe 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 oftime 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 workwithin 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 informationdirectly over HDFS
**B.** Write the CDRs directly to an Isilon cluster with an NFS mount, then use Hadoop to analyze theinformation directly over HDFS
**C.** Write the CDRs directly to an Isilon cluster with an NFS mount, then ingest the information into Hadoop withNFS, then analyze
**D.** Copy the CDRs from the source to an Isilon cluster with NFS, then ingest the information into Hadoop foranalysis

**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 thephysical 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 generatessmall 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 theirneeds. You want to make sure that Isilon is a good fit for their needs.What would be a good prequalifyingQuestionto 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**

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A customer is purchasing a 5-node Isilon X400 cluster for an HPC application running on Linux. The customercurrently has 10 HPC nodes and will persistent mount the Isilon cluster through NFSv3. Which recommendedconfiguration 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**

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

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

**Answer: A**

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A customer created one month of snapshots consisting of one snapshot every 8 hours for 30 days on an Isiloncluster using SnapshotIQ. The customer is now deleting the snapshots randomly and is experiencing overheadto 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 Questionand 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 tobe 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**