Vendor:EMC

Exam Code:E20-559

Exam Name: Isilon Solutions Specialist Exam for Storage Administrators

Version: Demo

QUESTION 1

An organization has a five-node standard Isilon cluster. Due to regulatory requirements, they need to build

a compliance mode cluster using the existing production hardware.

How can this be achieved?

A. Perform an in-place upgrade of the standard cluster to a compliance mode cluster

B. SmartFail two of the nodes and use them to build a new compliance mode cluster

C. Add the SmartLock license to the existing cluster and create some compliance mode directories

D. Purchase a new cluster as there is no way to upgrade an existing cluster or reformat nodes

Correct Answer: A

QUESTION 2

What is a benefit of storing Hadoop data on an Isilon cluster versus a traditional Hadoop environment?

A. In-place analytics

B. Requires 3X data mirroring

C. NameNode resides on a single node

D. Nodes do both computation and storage

Correct Answer: A

QUESTION 3

When configuring LACP between an Ethernet switch and an Isilon node, what is an important consideration?

A. Isilon cluster side is considered passive

B. Switch must be configured as passive

C. Dynamic pool must be used

D. SmartConnect Advanced must be licensed

Correct Answer: A

QUESTION 4

Which type of information does Isilon InsightIQ display without enabling FSA?

A. Network performance

B. Data usage

C. Maximum file size

D. Node queue depth

Correct Answer: A

QUESTION 5

An administrator wants to configure antivirus scanning on an Isilon cluster. What is the best way to accomplish this task?

A. Isilon web administration interface => Data Protection => Antivirus, and then click "Add an ICAP Server"

B. Install the antivirus client on all nodes in the cluster

C. Install the antivirus client on the logical node number in the cluster

D. Isilon web administration interface => Data Protection, and then click "Install Antivirus Client"

Correct Answer: B

QUESTION 6

What are the benefits of Isilon Scale-Out NAS versus Scale-Up NAS technology?

A. File-based storage, File system upper limit 20 PB+, quick scalability, and more granular file protection

B. Block-based storage, file system upper limit 10 PB, nodes contain all components, and RAID protection

C. Block-based storage, file system upper limit 20 PB+, nodes contain all components, and more granular file protection

D. File-based storage, file system upper limit 16 TB, quick scalability, and volume level RAID protection

Correct Answer: A

QUESTION 7

A storage administrator added three X410 nodes to an existing cluster with three X400 nodes. However,

the administrator did not realize that a decision was made to update the InfiniBand back-end switches from

DDR to QDR.

Which type of cables must be used to connect the X400 nodes to the new switches?

A. Hybrid (QSFP-to-CX4)

B. IB (Cx4-to-CX4)

C. QSFP (QSFP-to-QSFP)

D. Ethernet (DB45 CAT-6)

Correct Answer: A

QUESTION 8

What is required to enable Secure NFS on an Isilon cluster?

A. Services for NFS must be configured in the AD environment

B. LDAP must be configured in the system access zone

C. NFS access must use static address pools

D. Cluster must be configured to use NTP

Correct Answer: A

QUESTION 9

Traditional NAS storage architectures deploy simple two-way failover between two controllers in storage

systems, such as highly available configurations.

How is the Isilon architecture different in terms of system resiliency and availability?

A. OneFS enables each node to have a designated partner node for simple failover between the pair.

B. Use of client-side drivers can enable failover to other nodes.

C. Isilon clustered architecture deploys standby failover nodes to ensure the highest available solution.

D. OneFS enables each node to be a peer to any other node in an Isilon cluster. Any node can take over for any other node.

Correct Answer: A

QUESTION 10

You are configuring a five-node Isilon cluster with high-density, NL-Series nodes. You want to minimize

protection overhead and preserve the required MTTDL requirements.

Which protection level is most appropriate for this type of cluster?

A. 2X

B. N+1n

C. N+2n

D. N+2d:1n

Correct Answer: D

QUESTION 11

How is InsightIQ changed when FSA is enabled?

A. When enabled, a Job runs on the cluster and collects InsightIQ data

B. By default, it runs every hour and monitors cluster performance

C. Enabled on a VM or physical server and helps plan SmartPools and file system use

D. FSAnalyze queries results from the last InsightIQ run and populates file system reports

Correct Answer: A

QUESTION 12

Which protocol is used for communication between an Isilon InsightIQ virtual appliance and external storage for monitoring data?

A. NFS

B. HDFS

C. HTTP

D. SMB

Correct Answer: A