

EMC

Exam E20-559

Isilon Solutions Specialist Exam for Storage Administrators

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[Total Questions: 98]

Topic break down

Topic	No. of Questions
Topic 1: Future Isilon Technologies	6
Topic 2: Isilon Cluster	9
Topic 3: Data Protection, Layout, and Access	34
Topic 6: Storage Management	27
Topic 8: Application Integration and Job Engine	14
Topic 9: User Authentication and File Access	8

Topic 1, Future Isilon Technologies**Question No : 1 - (Topic 1)**

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.

Answer: A

Question No : 2 - (Topic 1)

In an Isilon environment, what is the total protection level offered by N+2:1?

- A. Two drives or one node can fail without any data loss in the cluster
- B. Two hot spare drives and one cold spare drive are available for disk failures
- C. Two hot nodes and one cold node are available for node failures
- D. Two drives on one node can fail without causing any data loss in the cluster

Answer: B

Question No : 3 - (Topic 1)

For which IT solution is an Isilon NL-Series node best suited?

- A. Internet Web 2.0 applications
- B. Nearline archiving
- C. Quantitative analysis
- D. Hadoop workflows

Answer: C

Question No : 4 - (Topic 1)

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"

Answer: B

Question No : 5 - (Topic 1)

An organization wants to monitor disk performance on their Isilon cluster. Which software module will provide this functionality?

- A. InsightIQ
- B. SmartQuotas
- C. SmartConnect
- D. SmartPools

Answer: C

Question No : 6 - (Topic 1)

Which command is used to renumber the nodes of an Isilon cluster?

- A. innset
- B. ipset
- C. deliprange / iprange
- D. interface

Answer: D

Topic 2, Isilon Cluster

Question No : 7 - (Topic 2)

An Isilon administrator was unsuccessful when adding a new node to an existing Isilon cluster using the Nodes LCD panel. What is a possible cause?

- A. Internal join mode has been set to 'secure'
- B. Internal join mode has been set to 'manual'
- C. Nodes can only be added through the console port
- D. Nodes can only be added through the web administration interface

Answer: A

Question No : 8 - (Topic 2)

In an Isilon environment, which physical configuration will enable the internal failover network?

- A. Both int-a and int-b of each node in the cluster must be physically connected to separate switches
- B. Both int-a and int-b ports of each node in the cluster must be physically connected to one switch
- C. Only int-a ports of each node in the cluster must be physically connected to one switch
- D. Only int-b ports of each node in the cluster must be physically connected to one switch

Answer: A

Question No : 9 - (Topic 2)

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)

Answer: A

Question No : 10 - (Topic 2)

When using an X410 node containing HDDs and SSDs, which bay numbers are used to contain SSDs in the standard configurations?

- A. Bays 1 and 2 only
- B. Bays 1 through 6
- C. Bays 31 through 36
- D. Bays 35 and 36 only

Answer: B

Question No : 11 - (Topic 2)

An Isilon storage administrator is attempting to manage an Isilon cluster using the web administration interface. However, some configuration tabs are not displayed.

What is the most likely cause?

- A. RBAC has been implemented
- B. Some features have not been licensed
- C. Access zones have been created
- D. Administrator must log in as “compadmin”

Answer: A

Question No : 12 - (Topic 2)

An Isilon administrator needs to create a new Isilon cluster to support high performance and large capacity storage for a streaming media environment. Which node model is

recommended?

- A. HD-Series
- B. NL-Series
- C. S-Series
- D. X-Series

Answer: D

Question No : 13 - (Topic 2)

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

Answer: A

Question No : 14 - (Topic 2)

In an Isilon environment, which type of storage node is best suited for high throughput and high concurrency using SATA drives?

- A. A100-Series
- B. NL-Series
- C. S-Series
- D. X-Series

Answer: D

Question No : 15 - (Topic 2)