

EMC

Exam E20-559

Isilon Solutions Specialist Exam for Storage Administrators

Verson: Demo

[Total Questions: 10]

Topic break down

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

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

Topic 3, Data Protection, Layout, and Access

Question No : 2 - (Topic 3)

What will occur when an Isilon node pool is below the recommended protection level?

- A. CELOG will generate an underprotected event
- B. File will be striped to an additional drive
- C. File will be mirrored
- D. An additional copy of the metadata will be stored on the SSD drives

Answer: A

Question No : 3 - (Topic 3)

In a three-node Isilon cluster using N+1n data protection, a single 128 KB file is written. How are the stripe units distributed over the nodes?

- A. Node 1: 64 KB stripe unit
Node 2: 64 KB mirror

Node 3: 64 KB FEC

B. Node 1: 64 KB stripe unit

Node 2: 64 KB stripe unit

Node 3: 64 KB FEC

C. Node 1: 128 KB stripe unit

Node 2: 128 KB FEC

D. Node 1: 128 KB stripe unit

Node 2: 128 KB mirror

Node 3: 128 KB FEC

Answer: C

Topic 6, Storage Management

Question No : 4 - (Topic 6)

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

Answer: A

Question No : 5 - (Topic 6)

Which protocol is used for communication between an Isilon InsightIQ virtual appliance and an end-user system?

A. HTTP

B. HDFS

C. NFS

D. SMB

Answer: A

Topic 8, Application Integration and Job Engine

Question No : 6 - (Topic 8)

Which job is a data distribution job on an Isilon cluster?

- A. FlexProtect
- B. Collect
- C. MediaScan
- D. TreeDelete

Answer: A

Question No : 7 - (Topic 8)

What happens in the Job Engine v2.0 when an error occurs in a phase on an Isilon cluster?

- A. Job is marked failed
- B. Job pauses
- C. Phase pauses
- D. Task fails

Answer: A

Question No : 8 - (Topic 8)

In an Isilon Hadoop configuration, what changes occur in the event there is a failure of an Isilon node running as a NameNode?

- A. Another Isilon node will immediately pick up the function of the NameNode and metadata will be preserved
- B. Administrative intervention will be required to failover the NameNode
- C. Affected node will be SmartFailed since metadata assigned to the failed NameNode can be compromised
- D. Administrator can configure a replacement NameNode; all metadata will be preserved

Answer: A

Question No : 9 - (Topic 9)

When creating an SMB share on the Isilon cluster, what is the effect of selecting the “Apply Windows Default ACLs”?

- A. An ACL with the equivalent of UNIX 700 mode bit permissions is created for any directory automatically created
- B. File permissions are automatically set to be the same as the share permissions
- C. Share permissions’ configuration is no longer required as it too will be set to the default values
- D. Ownership of all files in the directory will be set to the default user’s SID

Answer: A

Question No : 10 - (Topic 9)

Based on the command output shown in the exhibit, what does the “+” represent?

```
Rainer1-2# pwd
/ifs/data
Rainer1-2# ls -ale ./testfile1
-rwxr--r-- + 1 root wheel 3763 Jan 19 23:53 ./testfile1
OWNER: user:root
GROUP: group:wheel
0: user:root allow file_gen_all
1: group:wheel allow file_gen_read
2: everyone allow file_gen_read
Rainer1-2#
```

- A. File has an advanced ACL on it
- B. File has a synthetic ACL on it
- C. File’s mode bits take precedence
- D. Root is a super user

Answer: A