

# E20-559<sup>Q&As</sup>

Isilon Solutions Specialist Exam for Storage Administrators

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#### 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

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#### QUESTION 2

Which type of issues are resolved by enabling Source-Based Routing on an Isilon cluster?

- A. Asymmetric routing
- B. IP address space depletion
- C. TCP retransmission
- D. SmartConnect load balance

Correct Answer: A

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#### QUESTION 3

What are sources from which an Isilon cluster can obtain authentication data about a user attempting to access the cluster?

- A. LDAP, NIS, and filedb
- B. FTP, filedb, and samdb
- C. HTTP, LDAP, and samdb
- D. NIS+, HTTP, and NIS

Correct Answer: A

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#### QUESTION 4

Which type of administrator commands does configuration auditing track?

- A. PAPI-enabled commands
- B. Commands run by the "root" user
- C. Commands run by the SystemAdmin and CompAdmin users only
- D. All UNIX, isi, isi\_ and sudo commands

Correct Answer: A

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#### QUESTION 5

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

Correct Answer: C

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#### QUESTION 6

A company has an Isilon cluster on which they want to configure dynamic pools. The cluster consists of 5 nodes. The pool will consist of one 1Gbps Ethernet external interface on each of the nodes. Because the address space is limited at the company's site, they will need to implement dynamic pools using a minimum number of addresses.

If the company puts all interfaces in one pool and sets it to dynamic with round robin failover, how many addresses need to be put into the pool to ensure an even number of IP addresses per node after failover distribution should a node fail?

- A. 4
- B. 8
- C. 15
- D. 20

Correct Answer: D

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#### QUESTION 7

When are file pool policy actions applied to files?

- A. When a file is written for path-based filters after SmartPools job has run at least once

- B. When a file is read for node pool location-based actions after the SmartPools job has run at least once
- C. When the SetProtectPlus job runs for clusters with multiple file pool policies
- D. When a file is modified for the first time after the SetProtectPlus job has run at least once

Correct Answer: A

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#### QUESTION 8

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

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#### QUESTION 9

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

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#### QUESTION 10

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

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### QUESTION 11

On the Isilon cluster CLI, which command will display the most active nodes every two seconds, from highest to lowest?

- A. `isi statistics system --top --nodes --interval=2`
- B. `isi alert list --newest=2 --nodes=all`
- C. `isi devices -a status -d 2`
- D. `isi_for_array -s isi status`

Correct Answer: A

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### QUESTION 12

A storage administrator has just configured a newly acquired Isilon cluster. The administrator connected to the console port of Node 1 and created subnets, pools, and two access zones called "Blue" and "Green". The administrator then created shares in zone "Blue" and is able to access the shares from their Microsoft Windows clients. In addition, the administrator created exports in the "Green" zone and is able to access the exports from their UNIX clients. However, the administrator is unable to SSH into the cluster and login as root.

What is a possible cause for this issue?

- A. No interfaces exist in the System zone
- B. No authentication providers are defined in the "Blue" and "Green" access zones
- C. No failover address was configured for the InfiniBand network
- D. A local user "root" needs to be created

Correct Answer: A

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### QUESTION 13

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

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

Correct Answer: D

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**QUESTION 14**

What can be modified in the subnet settings on an Isilon cluster?

- A. VLAN ID
- B. SmartConnect zone name
- C. Interface membership
- D. Access zone membership

Correct Answer: A

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**QUESTION 15**

If configuration auditing is enabled, where are the audit logs stored?

- A. /var/log/audit\_config.log
- B. /var/log/isi\_papi\_d\_audit.log
- C. /ifs/.ifsvar/audit/config.log
- D. /ifs/.ifsvar/audit/audit.log

Correct Answer: A

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