

**Exam : Isilon 200-045**

**Title : Isilon Clustered Storage  
Professional Exam**

**Version : Demo**

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### **Explanations**

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1. Which of the following methods can be used to verify connectivity to a LDAP directory server? (Choose 1)

- A. From the command line of a node, use the "ldapsearch" utility.
- B. From the command line of a node, enter "isi ldap config". Pick menu option 3 "Check server connectivity".
- C. From the WebAdmin of a node, go to "File System" / "Directory Services" / "LDAP Services". Click "Check server connectivity"
- D. From the command line of a node, enter "isi\_ldap\_check".

**Answer: A**

2. Which of the following statements best describe the use of SNMP with an Isilon cluster? (Choose 2)

- A. The cluster can be configured via SNMP
- B. The cluster can generate SNMP traps based on Alerts
- C. The cluster can generate SNMP traps based on configuration file changes
- D. The cluster can be monitored via SNMP
- E. The file system can be browsed via SNMP

**Answer: BD**

3. Which of the following statements best describes the benefits of the file system journal in OneFS? (Choose 1)

- A. The file system journal is used for coalescing writes before committing them to disk.
- B. The file system journal is used to store metadata about the file system in a reliable way.
- C. The file system journal is used to permit multiple threads to commit writes to the same file.
- D. The file system journal is used to ensure the consistency of the file system.

**Answer: D**

4. You have a three node cluster with SmartConnect configured. Which of the following is a correct statement in regard to the SmartConnect virtual IP? (Choose 1)

- A. The SmartConnect virtual IP is active on the highest-numbered node of the cluster. If that node fails, the virtual IP will move to node 1.

- B. The SmartConnect virtual IP is active on node 1. If node 1 fails, the virtual IP will move to node 2.
- C. The SmartConnect virtual IP is active on all nodes of the cluster.
- D. The SmartConnect virtual IP moves dynamically between nodes of the cluster based on node performance.

**Answer: B**

5. You have a three node cluster. The AutoBalance phase of the restriper is running. A disk drive fails. Which of the following best describes the cluster's response to this failure? (Choose 1)

- A. The AutoBalance phase of the restriper completes. Once AutoBalance is finished, the FlexProtect phase of the restriper runs to repair data from the disk failure.
- B. The AutoBalance phase of the restriper is cancelled. The Collect phase of the restriper runs to repair data from the disk failure. After Collect completes, AutoBalance is start.
- C. Since the AutoBalance phase of the restriper is already running, it will repair data from the disk failure.
- D. The AutoBalance phase of the restriper is cancelled. The FlexProtect phase of the restriper runs to repair data from the disk failure. After FlexProtect completes, AutoBalance is started

**Answer: D**

6. Which command line tool is used to manage replacing a failed disk drive? (Choose 1)

- A. The "isi devices" tool
- B. No command line tool is used - replaced drives are detected automatically by the node.
- C. The "isi config" tool
- D. The "isi disks" tool

**Answer: A**

7. You have a three node cluster configured with +1, and are preparing to add a fourth node. Which of the following describes the impact of adding the fourth node in regard to file striping? (Choose 1)

- A. Files were striped 2+1 with three nodes, and will now be striped 3+1 with four nodes.
- B. Files were striped 2+1 with three nodes, and will now be striped 2+1 with four nodes.
- C. There is no impact to file striping for existing data, but new data will be striped 3+1
- D. Files were striped 2+1 with three nodes, and will now be striped 2+2 with four nodes.

**Answer: A**

8. Which of the following commands can be used to start the FlexProtect phase of the restriper? (Choose 1)

- A. Enter "isi config", then "flexprotect start"
- B. Enter "isi config", then "restripe start flexprotect"
- C. "isi restripe start flexprotect"
- D. "isi flexprotect start"

**Answer: C**

9. You have a three node IQ 3000 cluster. How many phases of the restriper can be active at one time?  
(Choose 1)

- A. Three phases of the restriper can be active at one time.
- B. Only one phase of the restriper can be active at one time.
- C. Six phases of the restriper can be active at one time.
- D. Nine phases of the restriper can be active at one time

**Answer: B**

10. SnapShotIQ is configured with default settings. You take a one-time snapshot called "test" of the "/ifs/data" directory. In which of the following ways can you access this snapshot? (Choose 2)

- A. Via the "/ifs/.snapshot/test" directory
- B. Via the "/snapshots/data" directory
- C. Via the "/ifs/data/.snapshot/test" directory
- D. Via the "/ifs/data/copies" directory

**Answer: AC**

11. SyncIQ throttle limits can be applied on a per-replication policy basis. (True/False)

- A. True
- B. False

**Answer: B**

12. Which of the following nodes has the highest ratio of performance per TB of storage? (Choose 1)

- A. IQ 3000
- B. IQ 6000
- C. IQ 1920
- D. EX 6000

**Answer: C**

13. Which of the following statements about SmartConnect Advanced is NOT correct? (Choose 1)

- A. SmartConnect supports CIFS failover
- B. SmartConnect supports NFS failover
- C. SmartConnect allows individual nodes to be included or excluded from zones
- D. SmartConnect is based on standard DNS

**Answer: A**

14. You have a five node IQ 1920 cluster protected with +1. How many nodes of the cluster have to be up in order for OneFS to allow writes to the file system? (Choose 1)

- A. At least four nodes must be up
- B. At least two nodes must be up
- C. At least three nodes must be up
- D. All five nodes must be up

**Answer: C**

15. Which of the following best describes the expected behavior when attempting to add a node running OneFS 4.5 to a cluster running OneFS 4.1? (Choose 1)

- A. The node will be joined to the cluster.
- B. You will be prompted to upgrade the cluster.
- C. You will be prompted to either upgrade the cluster, or downgrade the node
- D. You will be prompted to downgrade the node.

**Answer: C**

16. You have a three node cluster. One node fails, and is in a "DOWN" state. How will the restriper respond to this situation? (Choose 1)

- A. The FlexProtect phase of the restriper will start automatically
- B. The AutoBalance phase of the restriper will start automatically
- C. The Collect phase of the restriper will start automatically
- D. No phase of the restriper will start automatically

**Answer: D**

17. Which of the following best describes OneFS's NIC redundancy feature? (Choose 1)

- A. NIC redundancy allows dynamic IP routing to occur between default gateways accessible via the External-1 and External-2 networks.
- B. NIC redundancy allows External-1 and External-2 to be aggregated into one logical link, so that either NIC can fail without interrupting external network access.
- C. NIC redundancy allows External-1 and External-2 to be utilized in an Active/Passive failover mode.
- D. NIC redundancy allows clients to connect to the same file sharing protocols via either External-1 or External-2.

**Answer: B**

18. You have a cluster with the SnapshotIQ module licensed. The ability for users to view and access the ".snapshot" directories can be controlled per protocol. (True/False)

- A. True
- B. False

**Answer: A**

19. The client workstations on your network are configured to use DNS server 10.10.10.1, which is authoritative for the domain "isilon.com". You would like to configure SmartConnect with a zone named "cluster.isilon.com". Your SmartConnect virtual IP is 10.10.10.100. Which of the following statements is most accurate in regard to DNS and SmartConnect? (Choose 1)

- A. The DNS server 10.10.10.1 must be configured with a delegation (NS) record delegating "cluster.isilon.com" to the SmartConnect virtual IP 10.10.10.100.

- B. The DNS server 10.10.10.1 must be configured with a host (A) record resolving "cluster.isilon.com" to the SmartConnect virtual IP 10.10.10.100.
- C. In order to utilize SmartConnect, the client workstations must be configured to use 10.10.10.100 as their DNS server.
- D. The SmartConnect service must be configured to use 10.10.10.1 as its DNS server

**Answer: A**

20. Which of the following commands can be used to view the status of restripe operations? (Choose 2)

- A. "isi status"
- B. "isi config"
- C. "restripe status"
- D. "isi restripe"

**Answer: AD**

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