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Exam : 200-045

**Title : Isilon Clustered Storage
Professional Exam**

Version : DEMO

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:B D

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:A C

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:A D