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QUESTION 1

A company has an existing 8-node F800 Isilon cluster with two Z9100 Dell Ethernet back-end switches running on OneFS 8.2.0. The company is planning to add 72 A200 nodes into the cluster. What is the minimum number of additional switches required to support the configuration?

- A. 2
- B. 3
- C. 4
- D. 6

Correct Answer: D

QUESTION 2

DRAG DROP

What is the correct sequence of actions performed by OneFS to generate an access token?

Select and Place:

Answer Area

Perform user mapping	Step 1
Look up user in external directory services	Step 2
Determine on-disk identity	Step 3
Perform ID mapping	Step 4

Correct Answer:



Answer Area

Look up user in external directory services

Determine on-disk identity

Perform ID mapping

Perform user mapping

QUESTION 3

A company plans to build two Isilon clusters in an active-active disaster recovery environment. The initial requirement is to have one access zone for their Finance department. Which recommended directory structure meets the requirement?

- A. Cluster_A: /ifs/cluster_a/finance /ifs/cluster_b/finance Cluster_B: /ifs/cluster_a/finance /ifs/cluster_b/finance
- B. Cluster_A: /ifs/finance /ifs/finance Cluster_B: /ifs/finance /ifs/finance
- C. Cluster_A: /ifs/finance/cluster_a /ifs/finance/cluster_b Cluster_B: /ifs/finance/cluster_a /ifs/finance/cluster_b
- D. Cluster_A: /ifs/cluster_a /ifs/cluster_b Cluster_B: /ifs/cluster_a /ifs/cluster_b

Correct Answer: A

QUESTION 4

Which role-based privilege must be granted to a user before they are allowed to log into the web administration interface?

- A. ISI_PRIV_AUTH
- B. ISI_PRIV_LOGIN_PAPI
- C. ISI_PRIV_CLUSTER
- D. ISI_PRIV_LOGIN_CONSOLE

Correct Answer: A

Reference: <https://mydocuments.emc.com/pub/en-us/isilon/onefs/7.2.1/ifs-pub-administration-guide-cli/07-br-configuration-access-control.htm>

**QUESTION 5**

You have been tasked with designing SyncIQ policies for a systems administrator that requires failover and failback testing. What information should be provided to the administrator?

- A. SyncIQ supports failback replication policies that specify directory includes or excludes.
- B. Failback replication policies that specify includes or excludes cannot use data encryption.
- C. Failback replication policies that specify includes or excludes are not supported with SyncIQ.
- D. Failback replication policies that specify includes or excludes cannot use historical snapshots.

Correct Answer: C

Reference: <https://mydocuments.emc.com/pub/en-us/isilon/onefs/7.2.1/ifs-pub-administration-guide-cli/15-ifs-br-data-replication-with-synciq.htm>

QUESTION 6

What impact can obsolete drive firmware have on an Isilon cluster?

- A. Reduces administrative overhead and increases performance.
- B. Affects redundancy settings and FEC coding.
- C. Affects cluster performance or hardware reliability.
- D. Increases runtime and cluster performance.

Correct Answer: C

Reference: <http://doc.isilon.com/onefs/7.2.0/help/en-us/GUID-398C2422-1CA5-4AE0-8F3D-09F589C82E6E.html>

QUESTION 7

What is a benefit of the Isilon Data Lake solution?

- A. Block-based storage for large databases
- B. Maintains simplicity at petabyte scale
- C. Scale-up approach for petabyte scale
- D. Protects multiple shared repositories at the same level

Correct Answer: B

Reference: <https://www.newera-technologies.com/wp-content/uploads/2019/04/isilon-scale-out-data-lake.pdf> (9)



QUESTION 8

A systems administrator needs to change the cluster protection from N+3n to N+2n. Which interfaces can be used?

- A. HTTP, WebUI, and CLI
- B. SFTP, HTTP, and CLI
- C. PAPI, WebUI, and CLI
- D. PAPI, WebUI, and SFTP

Correct Answer: A

QUESTION 9

Which deduplication phase is excluded from the Dry Run process?

- A. Commonality Detection
- B. Sharing
- C. Sampling
- D. Index Updating

Correct Answer: D

QUESTION 10

What are the methods to join a node to an Isilon cluster?

- A. Configuration wizard, SSH connection, or CLI only
- B. Serial connection, Configuration wizard, or CLI only
- C. Front panel display, serial cable, or Configuration wizard only
- D. Front panel display, Configuration wizard, WebUI, or CLI only

Correct Answer: D

QUESTION 11

What is the recommended networking design approach when planning subnets?

- A. Use a common subnet for data, replication and backup, and use a dedicated subnet for management. Assign the lowest priority gateway number for the management subnet.
- B. Use a common subnet for management, data, replication and backup. Assign a random priority gateway number for the subnet.



C. Use a common subnet for data and management and a common subnet for replication and backup. Assign the lowest priority gateway number for the management subnet.

D. Use dedicated subnets for management, data, replication and backup. Assign the lowest priority gateway number for the data subnet.

Correct Answer: D

Reference: <https://community.emc.com/community/products/isilon/blog/2014/11/28/routing-and-isilon-how-to-get-from-a-to-b-and-back-again>

QUESTION 12

What is the maximum number of active Swift connections on a 5-node Isilon cluster?

A. 250

B. 500

C. 750

D. 1000

Correct Answer: C

Reference: <https://www.dellemc.com/en-us/collaterals/unauth/technical-guides-support-information/products/storage-5/docu65240.pdf> (10)

QUESTION 13

What is the difference between a rolling upgrade and simultaneous upgrade in an Isilon cluster?

A. Rolling updates take less time to complete. Simultaneous upgrades take longer to complete.

B. Rolling updates are more disruptive. Simultaneous upgrades are less disruptive.

C. Rolling updates are less disruptive. Simultaneous upgrades are more disruptive.

D. Rolling updates are available between all OneFS versions. Simultaneous upgrades are restricted between certain OneFS versions.

Correct Answer: C

Reference: <https://www.dellemc.com/zh-tw/collaterals/unauth/technical-guides-support-information/products/networking-4/docu69989.pdf>

QUESTION 14

An Isilon administrator has four H600 nodes and eight A2000 nodes in the cluster. The file pool policy is configured to have all new data written to the H600 nodes. After a few weeks, the administrator has some concerns about the available capacity on the H600 nodes.



Which feature should be configured to accept writes, even after the H600 nodes become full?

- A. SmartPools
- B. GNA
- C. Virtual Hot Spare
- D. Spillover

Correct Answer: D

Reference: <https://groups.google.com/forum/#!topic/isilon-user-group/CpalY7Jy6Xs>

QUESTION 15

A systems administrator must ensure that an IP address never becomes unavailable, even if a node goes offline. What needs to be configured on SmartConnect?

- A. Dynamic Allocation
- B. Static Allocation
- C. Connection Count
- D. Round Robin

Correct Answer: B

Reference: <https://www.dellemc.com/resources/en-us/asset/white-papers/products/storage/h16463-isilon-advanced-networking-fundamentals.pdf>

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