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**DELL-EMC**

# DES-1423

*Specialist Implementation Engineer Isilon Solutions  
(DCS-IE)*



Question: 56

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

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: 57

A company has a 4-node Isilon H600 cluster dedicated for a high-performance workflow. The administrator wants to convert their cluster SSD strategy from L3 cache to use the SSDs for metadata acceleration.

What should be considered?

- A. Migration of data and metadata from the SSDs to HDDs can take hours.
- B. Once enabled, the L3 cache cannot be disabled without support assistance.
- C. Converting to use SSDs for metadata acceleration turns off prefetching.
- D. Deselecting L3 cache for an SSD strategy has no impact to the workflow.

Answer: C

Reference: <https://technodocbox.com/69495789-Databases/Storage-tiering-with-dell-emc-isilon-smartpools.html>

Question: 58

A company's Isilon cluster has reached the capacity limit. The cluster consists of eight H500 nodes in a single node pool. Which action can be taken to resolve the capacity issue while new nodes are being delivered?

- A. Activate SmartPools
- B. Enable GNA
- C. Enable Spillover
- D. Release VHS drives

Answer: A

Question: 59

Which command shows the node running as the job coordinator?

- A. isi job statistics
- B. isi job status
- C. isi job status -v
- D. isi job statistics view -v

Answer: C

Reference: [http://doc.isilon.com/onefs/8.2.0/cli/ifs\\_r\\_isi\\_job\\_status\\_view.html](http://doc.isilon.com/onefs/8.2.0/cli/ifs_r_isi_job_status_view.html)

Question: 60

An Isilon cluster has four H500 nodes. Data protection and access are set to N+1 and concurrency respectively. How many drives will be used across the disk pool to protect a 1 MB file?

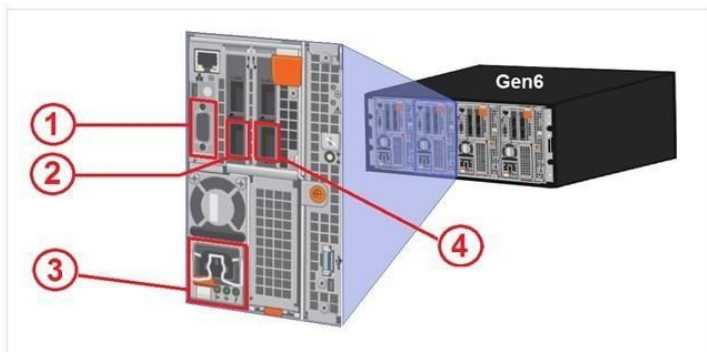
- A. 4
- B. 8
- C. 10
- D. 11

Answer: A

Question: 61

DRAG DROP

Refer to the Exhibit.



In an Isilon environment, match the connectivity type to the proper numerical port reference shown in the exhibit.

Select and Place:

Answer:

#### Question: 62

Which OneFS networking option enables Isilon for DNS multitenant functionality?

- A. Groupnet
- B. Access zone
- C. Pool
- D. Subnet

Answer: A

#### Explanation:

Groupnets are designed to enable multi-tenant DNS support per access zone.

Reference: <https://www.dell.com/community/Isilon/Multiple-groupnets-using-the-same-subnet/td-p/7152525>

#### Question: 63

A company wants to re-use HD400 nodes into a new cluster with OneFS 8.2.0. What is the minimum number of HD400 nodes required?

- A. 3
- B. 4
- C. 5
- D. 6

Answer: A

Reference: <https://www.commoncriteriaportal.org/files/epfiles/383-7-148%20ST%20v1.0.pdf> (9)

#### Question: 64

On which node does the SSIP initially reside?

- A. Highest node ID
- B. Lowest node ID
- C. Lowest logical node number
- D. Highest logical node number

Answer: B

#### Explanation:

The SmartConnect Service IP (SSIP) will always reside on the lowest node (that is available) in the cluster (Node1 in most cases). This IP does not move between nodes until the lowest node number goes offline (planned/unplanned).

Reference: <http://www.jasemccarty.com/blog/configuring-emc-isilon-smartconnect-part-i-smartconnect-basic/>

#### Question: 65

In Isilon OneFS, what is a characteristic of CoW with snapshots?

- A. Used for small changes, inodes, and directories.
- B. Avoids the double write penalty.
- C. Increases file fragmentation.
- D. Used for more substantial changes such as deletes.

Answer: A

#### Explanation:

With copy on write, as the name suggests, a new write to HEAD results in the old blocks being copied out to the snapshot version first.

Although this incurs a double write penalty, it results in less fragmentation of the HEAD file, which is better for cache prefetch, etc.

Typically, CoW is most prevalent in OneFS and is primarily used for small changes, inodes and directories.

Reference: <https://www.dellemc.com/resources/en-us/asset/white-papers/products/storage/h15048-wp-next-gen-data-protection-snapshot-iq.pdf>

#### Question: 66

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.

Answer: C

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

#### Question: 67

What defines FEC link aggregation mode?

- A. Switches to the next interface when the primary interface becomes unavailable.
- B. Balances outgoing traffic based on hashed protocol header information that includes source and destination addresses, and VLAN tag.
- C. Balances outgoing traffic based on hashed protocol header information that includes source and destination addresses.
- D. Balances outbound traffic across all active ports in the aggregated link.

Answer: B

Reference: [http://doc.isilon.com/onefs/8.0.0/help/en-us/ifs\\_r\\_link\\_aggregation\\_methods.html](http://doc.isilon.com/onefs/8.0.0/help/en-us/ifs_r_link_aggregation_methods.html)

#### Question: 68

When reviewing the actual protection output of N+4/2, what does the number “4” represent?

- A. FEC stripe units per stripe
- B. Hard drives used per stripe
- C. Volume stripes per file system
- D. FEC stripe units per file system

Answer: A

#### Explanation:

*It's OneFS FEC protection nomenclature for our "hybrid" protection policies. More generally, it's written as:  
 $N+M/b$  where "N" is the number of data stripe units in a stripe, "M" is the number of FEC stripe units in a stripe, and "b" is the number of stripe units in a stripe which are allowed to reside on the same node.  
Reference: <https://www.dell.com/community/Isilon/Isi-get-output/td-p/7085467>*



# SAMPLE QUESTIONS

*These questions are for demo purpose only. **Full version** is up to date and contains actual questions and answers.*

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