

Isilon Specialist for Platform Engineers

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Question 1

Referring to the data protection formula $N+M$, what does the N stand for?

Options:

- A. Number of data stripe units
- B. Number of protection stripe units
- C. Number of nodes in the node pool
- D. Number of nodes the file is striped across

Answer: A

Question 2

Referring to the data protection formula $N+M$, what does the M stand for?

Options:

- A. Number of protection stripe units
- B. Number of data stripe units
- C. Number of nodes in the node pool
- D. Number of nodes the file is striped across

Answer: A

Question 3

You run the command "isi get -DD /ifs/data/foo.txt" on a 4 node cluster. The displayed results indicate a protection level of $6+2/2$. What statement best describes $6+2/2$?

Options:

- A. Protection level of N+2:1; Contains 6 data stripes units and 2 FEC stripe units; Written to 2 drives per node
- B. Protection level of N+2:1; Contains 8 data stripe units and 2 FEC stripe units; Written to 2 drives per node
- C. Protection level of N+2: Contains 8 data stripe units and 2 FEC stripe units; Written to 1 drive per node
- D. Protection level of N+1: Contains 6 data stripe units and 1 FEC stripe unit; Written to 1 drive per node

Answer: A

Question 4

In a 4-node cluster using N+2 protection, how much is the overhead?

Options:

- A. 50%
- B. 25%
- C. 200%
- D. 100%

Answer: A

Question 5

In a 4-node cluster using N+3:1 protection, how much is the overhead?

Options:

- A. 25%
- B. 50%
- C. 300%
- D. 100%

Answer: A

Question 6

You are supporting a customer's cluster with 3 node pools consisting of 10 S200 nodes, 18 X400 nodes, and

30 NL400 nodes. The customer is going to write a large number of 4MB files to the X400 node pool. The customer is very concerned about minimizing the amount of overhead. Which setting would be best for minimizing the amount of overhead?

Options:

- A. N+2:1 or N+2 have the same amount of overhead.
- B. N+2:1 will have less overhead.
- C. I/O optimization should be set to Random.
- D. I/O optimization should be set to Streaming

Answer: A

Question 7

The SmartPools settings of your cluster are set to Protection management: Including File with manually-managed protection settings is not checked. How can the protection settings be modified?

Options:

- A. Using File System Explorer in the web administration interface or the isi set command
- B. Only by using File System Explorer in the web administration interface
- C. Only by using the isi set command
- D. Manually starting the SmartPools job

Answer: A

Question 8

Your customer is using a directory for a VMware environment. To which access pattern should you set the directory?

Options:

- A. Random
- B. Concurrency
- C. Streaming
- D. Aggregate

Answer: A

Question 9

The customer has configured a file pool policy on their OneFS 7.0 cluster to place files over 30 days old in the archive tier with a file protection of N+3. The customer attempts to verify the file location and protection setting

on a file matching the file pool policy criteria using the `isi get -DD` command. The file is located on the performance tier and has a requested protection setting of N+2:1.

What is the most likely cause of the issue?

Options:

- A. The order of the file pool policies
- B. The default policy overrides the file pool policy
- C. The AutoBalance job is paused
- D. The FlexProtect job failed to complete

Answer: A

Question 10

You are creating a file pool policy and have chosen to add file matching criteria to your policy. What can be used as file criteria?

Options:

- A. Modify time
- B. Protection level
- C. File permissions
- D. File owner

Answer: A

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