

Exam Questions DES-1423

Specialist - Implementation Engineer-Isilon Solutions Exam

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NEW QUESTION 1

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: C

Explanation:

References: 126
Isilon Administration and Management participant guide

NEW QUESTION 2

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

NEW QUESTION 3

Which HTTPS port number should be used to connect to any node in an Isilon cluster?

- A. 8091
- B. 8443
- C. 8088
- D. 8080

Answer: D

NEW QUESTION 4

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.

NEW QUESTION 5

A Job Engine is running in low space mode and no jobs are in the running state. What is the OneFS8.2 behavior if the AutoBalance job is initiated?

- A. Job is started.
- B. Job is failed.
- C. Job is put into the queue.
- D. Job is not started.

Answer: A

Explanation:

References:
494 / 495 Autobalance is a space saving job
Isilon Administration and Management participant guide

NEW QUESTION 6

In an Isilon environment, what is a requirement to join multiple, untrusted Active Directory (AD) authentication sources to an access zone?

- A. Must use a common /ifs tree for all access zones.
- B. Only one of the AD provider instances can exist in a zone at one time.
- C. All untrusted AD provider instances must exist in all access zones.
- D. Must only join Active Directory domains in the same forest.

Answer: D

Explanation:

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NEW QUESTION 7

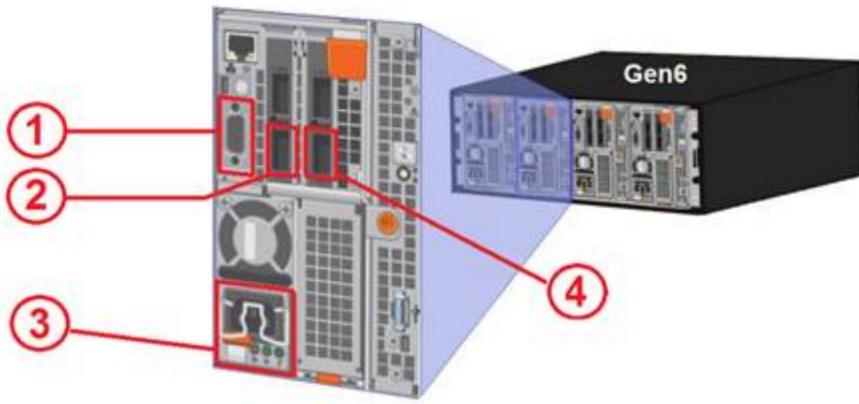
If configuration auditing is enabled, where are the audit logs stored?

- A. /ifs/.ifsvar/audit/audit.log
- B. /var/log/audit_config
- C. /ifs/.ifsvar/audit/config/log
- D. /var/log/isi_papi_d_audit.log

Answer: B

NEW QUESTION 8

Refer to the Exhibit.



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

Answer Area

<u>Connectivity Type</u>	<u>Port Reference</u>
Power Connectivity	1
Serial Connectivity	2
External Network Connectivity	3
Internal Network Connectivity	4

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

<u>Connectivity Type</u>	<u>Port Reference</u>
Power Connectivity	1
Serial Connectivity	2
External Network Connectivity	3
Internal Network Connectivity	4

Red arrows indicate the correct matches: Power Connectivity to 1, Serial Connectivity to 2, External Network Connectivity to 3, and Internal Network Connectivity to 4.

NEW QUESTION 9

What is the correct hierarchy of the Job elements structure?

Answer Area

Phase	Step 1
Item	Step 2
Job	Step 3
Task	Step 4

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Answer Area

Phase	Job
Item	Phase
Job	Task
Task	Item

NEW QUESTION 10

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Answer Area

Perform user mapping	Look up user in external directory services
Look up user in external directory services	Determine on-disk identity
Determine on-disk identity	Perform ID mapping
Perform ID mapping	Perform user mapping

NEW QUESTION 10

In an Isilon Gen 5 environment, what is the maximum number of data stripes for the N+3d:1n1d protection level?

- A. 15
- B. 16
- C. 18

D. 20

Answer: A

Explanation:

References: 324

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NEW QUESTION 14

On an Isilon cluster, what is a benefit of using SMB Server-Side Copy?

- A. A secondary copy of a file is written to a backup location to assist SyncIQ operations.
- B. A secondary copy of the user's file is created to allow multiple users to edit the file simultaneously.
- C. Allows the file to be copied from one location to another without having to go through the client.
- D. Allows members of the Administrator's group to manage snapshot copies of files.

Answer: C

NEW QUESTION 17

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

Answer: D

NEW QUESTION 19

An administrator uses a TreeDelete job to delete a large directory. After the job starts, users notice an issue with performance on the cluster. Which recommended action will resolve the performance issue with the job?

- A. Modify the running job to use a high impact policy to reduce the amount of time users are impacted. Schedule the job after business hours in the future.
- B. Let the job continue to run at the current impact level and schedule future jobs for after business hours so they do not impact users.
- C. Modify the running job to use an OFF_HOURS policy that runs at low impact during business hours and medium impact after business hours.
- D. Pause the running job and resume after business hours using a high impact policy so that it does not impact users.

Answer: C

Explanation:

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NEW QUESTION 20

When configuring NTP on a 4-node Gen 6 cluster, how many chimer nodes are automatically configured on the cluster?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: C

NEW QUESTION 24

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

Answer: B

NEW QUESTION 27

What is the recommended number of delegations for a SmartConnect zone name for each SmartConnect zone alias on a cluster?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: A

Explanation:

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NEW QUESTION 31

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

NEW QUESTION 36

An Isilon administrator wants to enable quota notifications for their LDAP users. However, the users' email IDs are not updated in the LDAP environment. What additional configuration needs to be performed?

- A. Configured the file provider
- B. Manage local users and groups
- C. Configure the local provider
- D. Configure a mapping rule

Answer: D

NEW QUESTION 39

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.

Answer: C

NEW QUESTION 43

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

NEW QUESTION 46

What is the minimum storage space needed on a datastore to hold InsightIQ?

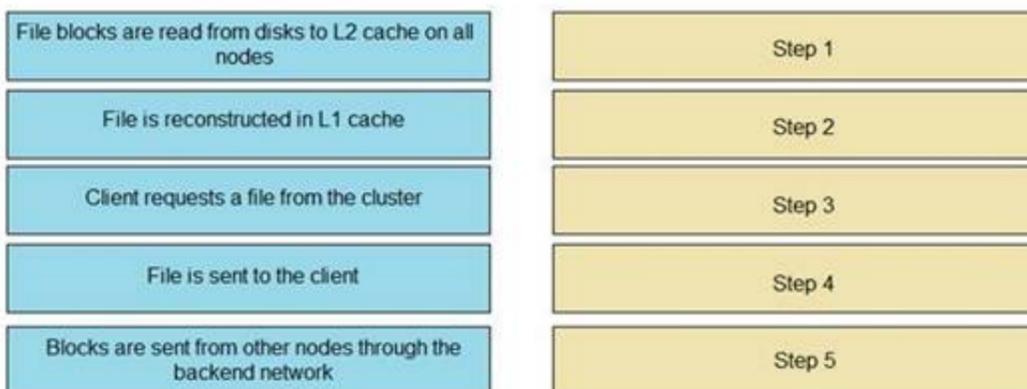
- A. 50 GB
- B. 65 GB
- C. 70 GB
- D. 85 GB

Answer: C

NEW QUESTION 50

What is the correct sequence of steps in a client read operation?

Answer Area

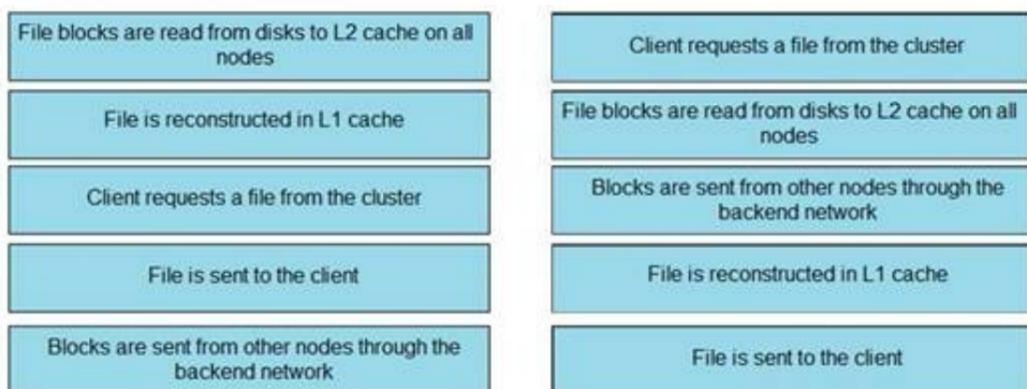


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 53

An administrator wants to enable quotas on a group directory in their Isilon cluster. In addition, the administrator wants to monitor and limit the disk usage. Which type of quotas need to be configured?

- A. Advisory
- B. Enforcement
- C. Accounting
- D. Soft

Answer: B

Explanation:

References: 409
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NEW QUESTION 58

What is the maximum number of nodes that can be added into a node pool in Isilon Gen 6 hardware and OneFS 8.2.0?

- A. 144
- B. 252
- C. 288
- D. 352

Answer: B

NEW QUESTION 59

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

Answer: D

NEW QUESTION 64

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