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Vendor:NetApp

Exam Code:NS0-505

Exam Name:NetApp Certified Implementation
Engineer – SAN ESeries

Version:Demo

QUESTION 1

What measurement refers to how much data can be handled in a given time period? (Choose the best answer.)

- A. Read modify write
- B. Throughput
- C. IOPS
- D. Parity
- E. I/O alignment

Correct Answer: B

QUESTION 2

Controller firmware package files start with which character(s)? (Choose the best answer.)

- A. SMIA
- B. CFW
- C. DLP
- D. RC
- E. N

Correct Answer: A

QUESTION 3

What measurement refers to the number of read/write requests that can be handled in a 1-second time period? (Choose the best answer.)

- A. Throughput
- B. IOPS
- C. Parity
- D. I/O alignment
- E. Read modify write

Correct Answer: B

QUESTION 4

Which sequence describes the procedures for hot-adding an additional expansion enclosure to an existing E-Series configuration? (Choose the best answer.)

- A. Add one ESM cable between it and another available expansion port, disrupt the other SAS connection to add second cable, check SANtricity for addition of the new enclosure, power on expansion enclosure.
- B. Power on expansion enclosure, add one ESM cable between it and another available expansion port, check SANtricity for addition of the new enclosure, disrupt the other SAS connection to add second cable
- C. Add one ESM cable between it and another available expansion port, disrupt the other SAS connection to add second cable, power on expansion enclosure, check SANtricity for addition of the new enclosure.
- D. Power on expansion enclosure, add one ESM cable between it and another available expansion port, disrupt the other SAS connection to add second cable, check SANtricity for addition of the new enclosure.

Correct Answer: A

QUESTION 5

A d-stripe within a disk pool is always the equivalent of _____. (Choose the best answer.)

- A. 9+1 RAID 3
- B. 9+1 RAID 5
- C. 8+2 RAID 6
- D. 5+5 RAID 10
- E. 10+0 RAID 0

Correct Answer: C

QUESTION 6

During normal operation, a failure was detected on an E-Series hardware component. Which tool could be used to determine the location of the failed component and understand the potential recovery actions? (Choose the best answer.)

- A. Recovery Guru
- B. Host Mappings tab
- C. Real-time performance monitor
- D. Unreadable sectors log

Correct Answer: B

QUESTION 7

The ability of many E-Series controllers to hold an additional firmware image in reserve _____. (Choose the best answer.)

- A. is used to store a backup boot image
- B. allows controller firmware to be downloaded immediately and activated at a later time
- C. allows two firmware images to be used at the same time
- D. is used for Support use only

Correct Answer: C

QUESTION 8

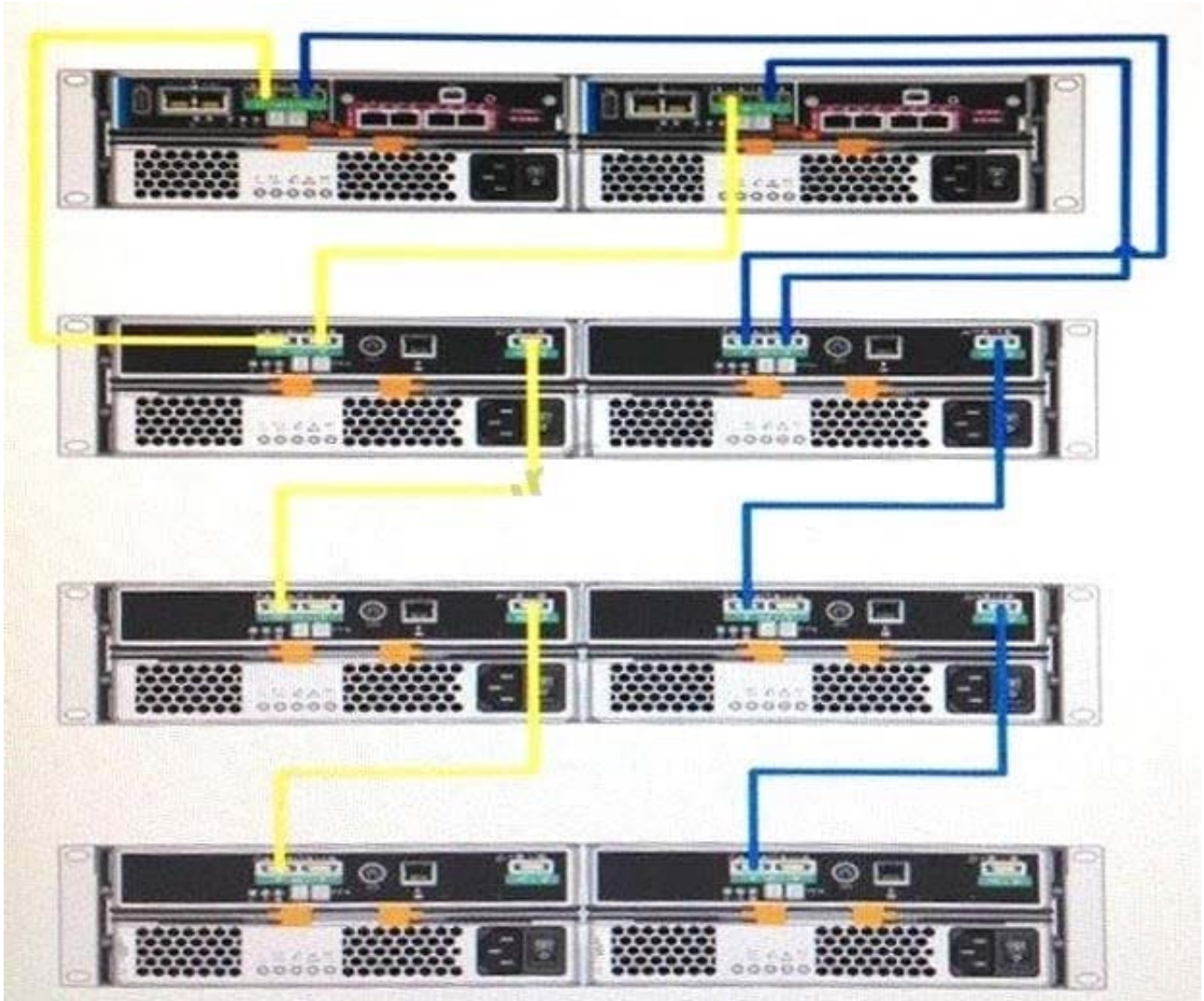
What does the storage system use to preserve cache data in the event of a complete controller failure? (Choose the best answer.)

- A. Cache mirroring
- B. Flash read cache
- C. Pre-fetch caching
- D. Read caching
- E. Write caching

Correct Answer: A

QUESTION 9

Review the diagram.



Is this cabling correct or incorrect, and why? (Choose the best answer.)

- A. The cabling is incorrect because the controllers are cabled from the host port.
- B. The cabling is incorrect because it uses the top-down bottom-up cabling method.
- C. The cabling is correct because it follows the recommended E-Series cabling method.
- D. The cabling is incorrect because they have been daisy-chained.

Correct Answer: D

QUESTION 10

What would be the minimum configuration required to support a drawer-protected 20-drive DDP? (Choose the best answer.)

- A. An E2624 with four DE5600 Expansion Chassis, containing a total of 6, 1.6TB SSD and 96, 3T NL-SAS drives.

- B. An E5460 with one DE6600 Expansion Chassis, containing a total of 120, 3TB NL-SAS drives.
- C. An E2712 with one DE6600 Expansion Chassis, containing a total of 72, 3TB NL-SAS drives.
- D. An E5424 with one DE5600 Expansion Chassis, containing a total of 48, 900GB SAS drives.

Correct Answer: B

QUESTION 11

With ALUA support, how does the storage system handle I/Os to the non-preferred path? (Choose the best answer.)

- A. The controller handles them normally, updating both controllers' cache to maintain consistency, which is why ALUA requires cache mirroring to be enabled.
- B. They are accepted but maintained in cache with a special change log, and only processed after 5 minutes when volume ownership may be changed.
- C. They are shipped over to the owning controller to be managed, then returned through the non-preferred path after completion.
- D. They are rejected with a specific SCSI check condition.
- E. The non-owning controller takes ownership of the volume in order to handle them, then restores ownership to the original controller.

Correct Answer: C

QUESTION 12

Which storage manager feature scans the system for issues, reports them, and suggests procedures that will correct the issue?

- A. Recovery guru
- B. Event Log
- C. Diagmon
- D. Performance monitor
- E. Storage array diagnostics

Correct Answer: B