

Hitachi

HQT-6701

Vantara Storage Performance Analysis with Ops Center Analyzer Professional

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Product Version

- 1. Up to Date products, reliable and verified.**
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Latest Version: 6.0

Question: 1

Which of the following is a characteristic of Near-Line SAS (NL-SAS) drives?

Response:

- A. Faster than SAS drives
- B. Slower but more economical than SAS drives
- C. Equal in performance to SSDs
- D. Mainly used in consumer electronics

Answer: B

Question: 2

A low cache hit ratio in a storage system might suggest which of the following issues?

Response:

- A. Too much cache allocated to the system
- B. Not enough cache memory
- C. Disk drives are too fast
- D. Front-end ports are underutilized

Answer: B

Question: 3

Why would an administrator configure a high queue depth in a storage array?

Response:

- A. To decrease latency
- B. To increase latency
- C. To prioritize certain types of I/O requests
- D. To handle more simultaneous I/O operations

Answer: D

Question: 4

In a storage system, what does read I/O flow typically involve?
(Choose Two)

Response:

- A. Data movement from disks to cache
- B. Data movement from cache to front-end ports
- C. Data verification processes
- D. Parity generation

Answer: A,B

Question: 5

Effective interpretation of RAID level performance typically requires understanding of which metrics?
(Choose Three)

Response:

- A. Read/write ratio
- B. Rebuild times
- C. Power consumption per disk
- D. Parity calculation times
- E. Queue depth per disk

Answer: A,B,D

Question: 6

What distinguishes Flash storage from traditional spinning disk technology?
(Choose Two)

Response:

- A. Absence of moving parts
- B. Lower energy consumption
- C. Higher data security
- D. Faster data access speeds

Answer: A,D

Question: 7

_____ is a performance feature of SVOS that optimizes data placement on the disk to improve efficiency.

Response:

- A. Dynamic Tiering
- B. Dynamic Provisioning
- C. Dynamic Pooling
- D. Dynamic Resizing

Answer: A

Question: 8

How would you interpret high disk latency in a storage system?

Response:

- A. Efficient disk performance
- B. Potential disk failure
- C. High efficiency of the caching mechanism
- D. Indication of underutilized capacity

Answer: B

Question: 9

The main advantage of using _____ over traditional SSDs is their much lower latency and higher endurance.

Response:

- A. Flash
- B. SAS
- C. SCM
- D. NL-SAS

Answer: C

Question: 10

What role does 'capacity forecasting' play in performance analysis with Ops Center Analyzer?

Response:

- A. It helps in determining when additional storage is needed based on current trends.

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- B. It calculates the maximum number of users the system can handle.
 - C. It determines the environmental impact of the storage system.
 - D. It assesses the profitability of the storage investment.

Answer: A

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