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QUESTION 1

How do HF-Series arrays handle caching since NimbleOS 2.2+?

A. access-based eviction

B. first in, first out (FIFO)

C. Adaptive Flash Cache (AFC)

D. Most Recently Used (MRU)

Correct Answer: C

QUESTION 2

Which parameters are configured during the initial array configuration? (Choose three.)

A. Subnets

B. SNMP settings

C. Firewall Port settings

D. Replication partners

E. NTP servers

F. DNS servers

Correct Answer: AEF

QUESTION 3

What is the correct power on/off order of the All Flash-Series? (Choose two.)

A. power off the controller shelf first, then the expansion shelves

B. power on controller shelf first, then the expansion shelves

C. power on expansion shelves first, then the controller shelf

D. power off the expansion shelves first, then the controller shelf

Correct Answer: AC

Reference: https://www.reddit.com/r/storage/comments/3ii6dt/nimble_array_remote_shutdown_during_power_outage/

QUESTION 4

Which setting of the volume reserve parameter disables thin provisioning?

A. The ratio in % of SSD cache versus HDD storage (in HF-series only)

B. 0%

C. all above 80%

D. 100%

Correct Answer: D

Reference: https://community.hpe.com/t5/HPE-Storage-Tech-Insiders/Nimble-Storage-InfoSight-Reveals-Extensive-Usage-of-Thin/ba-p/6986703#.XBHyBsRR2kw

QUESTION 5

Which compute cloud services are compatible with HPE Cloud Volumes? (Choose two.)

A. Amazon Web Services

B. IBM Cloud

C. Google Cloud Platform

D. HPE Hybrid Cloud

E. Microsoft Azure

Correct Answer: AE

Reference: https://www.hpe.com/emea_europe/en/storage/cloud-volumes.html

QUESTION 6

What is a valid QoS performance setting?

A. latency threshold

B. IOPS minimum

C. IOPS limit

D. MB/s minimum

Correct Answer: C

QoS-Limit allows a user to limit either the IOP or MB/s performance of a specific workload. Having the ability to limit both IOPS and MBs is important as quite often any single workload will have different peaks and troughs during the operational day. For instance, an OLTP workload maybe very latency sensitive to small block updates during the working day when rows and tables are frequently being accessed or updated (this will tend to be very IOP/latency sensitive) yet in the evening the same database maybe receiving feeds from other systems (or providing bulk updates/analysis or index rebuilds), the same application will cease to be IOP sensitive and will now be bandwidth

(MBs) sensitive. In NimbleOS4 a user can limit a workload by either IOPS or MBs and also specify limits to both IOPS and MBs. If either limit is reached then the volume will be restricted accordingly.

Reference: https://community.hpe.com/t5/HPE-Storage-Tech-Insiders/NimbleOS-4-Quality-of-Service-QoS-Limits/ba-p/6986455#.XBEAvMRR2kw

QUESTION 7

What action must be taken before the expansion shelf can join the storage pool?

A. Capacity licenses need to be added.

B. Controller cache needs to be upgraded.

C. It must be activated.

D. it must be pre-formatted.

Correct Answer: C

QUESTION 8

Which statement is correct about Zero copy clones? (Choose two.)

A. It is mandatory for customers requiring RPO=0.

B. It is required for replication to a Secondary Flash Array\\'s for optimal data protection.

C. It is a full copy of all data blocks for full performance.

D. it allows a volume to be created for online use, based on a snapshot.

E. It occupies no additional space until new data is written or changed.

Correct Answer: DE

Reference: https://cdm-cdn.nimblestorage.com/2016/12/21081103/tr-nimblestorage-oracle-test-dev-guide.pdf

QUESTION 9

What are the correct AF series read operations?

A. Check DRAM. Check NVDIMM. Retrieve from SSD. Validate checksum, decompress, dedupe, and return data.

B. Check NVDIMM. Retrieve from SSD. Validate checksum, decompress, dedupe, and return data.

C. Check NVDIMM. Check DRAM. Retrieve from SSD. Validate checksum, decompress, dedupe, and return data.

D. Check SSD. Check NVDIMM. Check DRAM. Validate checksum, decompress, dedupe, and return data.

Correct Answer: C

QUESTION 10

It is possible to configure multiple SMTP servers for HPE Nimble arrays?

A. Yes, after initial configuration

B. No, never

C. Yes, but only via Web GUI

D. Yes, but only via CLI

Correct Answer: A

Reference: Nimble_Introduction_and_Admin.pdf

QUESTION 11

Which is included in HPE Nimble Windows Toolkit? (Choose two.)

A. HPE Nimble VSS Writer

B. HPE Nimble Connection Service (NCS)

C. HPE Nimble VSS Requestor

D. HPE NimbleInfo

Correct Answer: BC

QUESTION 12

Which system roles can be assigned to a user on an HPE Nimble array? (Choose three.)

A. Backup

B. Guest

C. Read Only

D. Service

E. Operator

F. Poweruser

Correct Answer: BEF

QUESTION 13

DRAG DROP

List the steps of how the AF-Series handles blocks during write operation when they reach DRAM in the correct order.
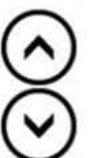
Select and Place:

STEPS

Blocks are formed into a sequential stripe write.

Variable block compression is applied.

Blocks are written to SSD and are indexed in DRAM.

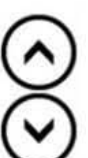Variable block deduplication is applied.

ORDER

Correct Answer:

STEPS

ORDER

Variable block deduplication is applied.

Variable block compression is applied.

Blocks are formed into a sequential stripe write.

Blocks are written to SSD and are indexed in DRAM.

Reference:
https://www.academia.edu/34785774/NTS-2001-I_Nimble_Introduction_and_Administration_Course_Revision_5

QUESTION 14

DRAG DROP

List in the correct order what the system will do when you perform a handover action.

Select and Place:

ACTION

Brings the newly replicated volumes online.

Replicates these snapshots to a downstream replication partner.

Reverses replication roles/direction.

Takes a snapshot of all associated volumes.

Takes all associated volumes offline.

Transfers ownership of the volume collection to the partner.

ORDER

Correct Answer:

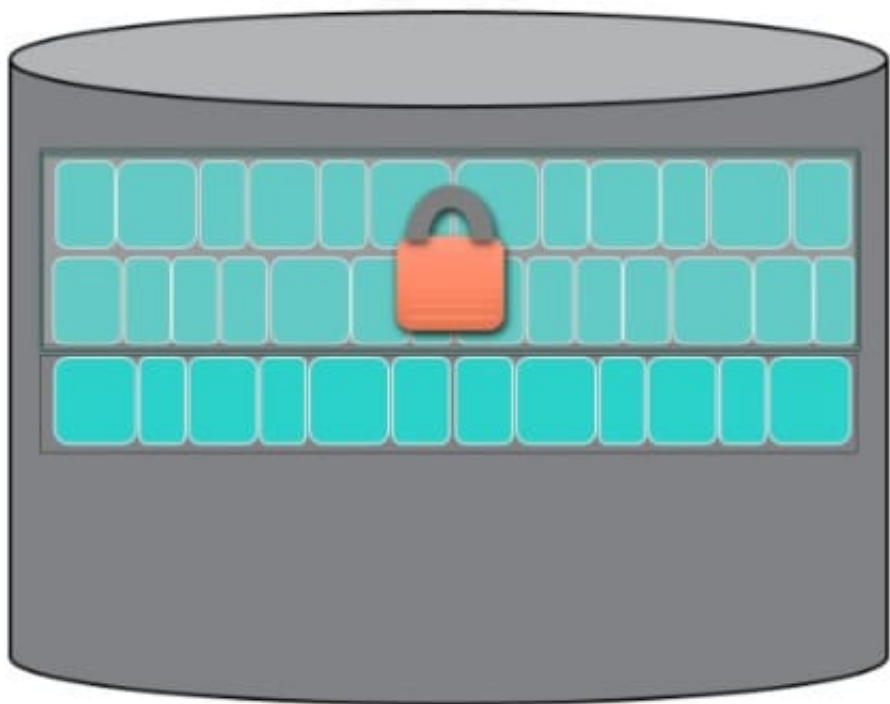| ACTION		ORDER
		Takes all associated volumes offline.
		Takes a snapshot of all associated volumes.
		Replicates these snapshots to a downstream replication partner.
	>	Transfers ownership of the volume collection to the partner.
		Brings the newly replicated volumes online.
	<	Reverses replication roles/direction.

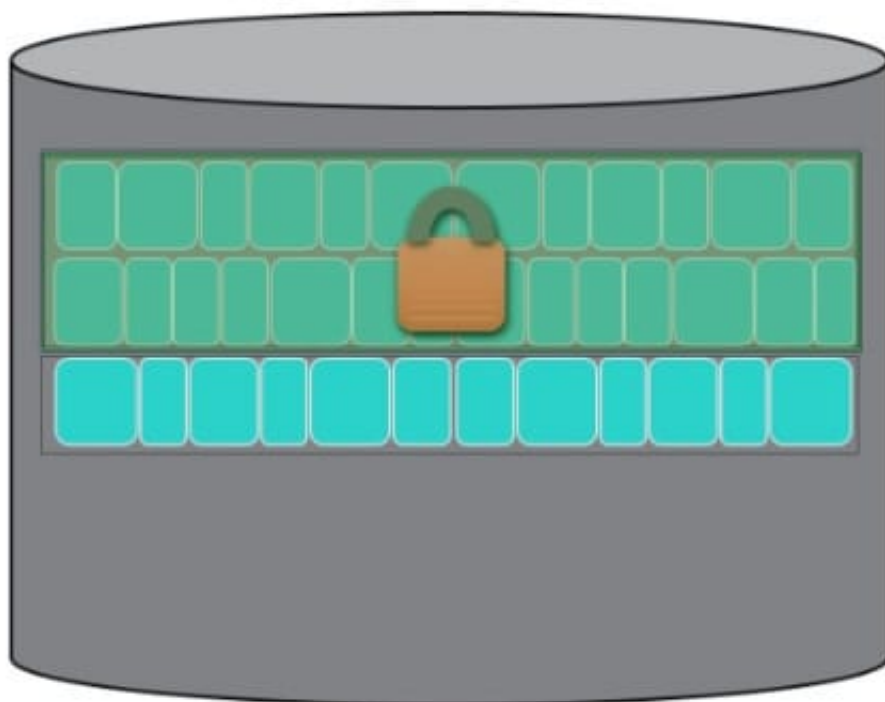**QUESTION 15**

HOTSPOT

Select the snapped data snapshot area.

Hot Area:

Image number 230105

Correct Answer:

Image number 230105