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Designing HPE Nimble Solutions

HP HPE2-K42

Version Demo

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QUESTION NO: 1

Volume pinning is a technology that applies to which series of HPE Nimble arrays?

A. AF-Series

B. CF-Series

C. All series

D. HF-Series

ANSWER: A

QUESTION NO: 2

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

ANSWER: B E F

QUESTION NO: 3

Which compression algorithm do all HPE Nimble arrays use?

A. PPM

B. bzip2

C. LZ4

D. LZ77

ANSWER: C

QUESTION NO: 4

How is SmartSecure licensed?

A. free of charge

B. based on capacity (per 1TB)

C. per array

D. per model

ANSWER: A

QUESTION NO: 5

How can controller failover be performed? (Choose two.)

A. In CLI, use the command: failover.Perform it online via InfoSight.

B. In WebUI, on the array level, click MAKE ACTIVE.

C. In OCP, press the Failover button.

D. Perform it online via InfoSight.

ANSWER: A B

QUESTION NO: 6

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

ANSWER: C

QUESTION NO: 7

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.

ANSWER: D E

Explanation:

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

QUESTION NO: 8

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%

ANSWER: D

Explanation:

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

QUESTION NO: 9 - (DRAG DROP)

DRAG DROP

Match the event log severity levels to their descriptions.

Select and Place:

SEVERITY		DESCRIPTION
All		An event has occurred that does not require action to be taken and does not affect system performance. This level of event is useful for troubleshooting or for determining system trends.
Critical		An event has occurred that might impact system performance. Action will likely be necessary, but no damage will occur if the action is not taken immediately.
Info		An event has occurred that requires immediate attention. Data loss or hardware damage may occur if action is not taken quickly. It also triggers email notification, defined on the ADMINISTRATION tab.
Warning		Events are shown regardless of severity. Manual intervention may or may not be needed.

ANSWER:

SEVERITY		DESCRIPTION
	Info	An event has occurred that does not require action to be taken and does not affect system performance. This level of event is useful for troubleshooting or for determining system trends.
	Warning	An event has occurred that might impact system performance. Action will likely be necessary, but no damage will occur if the action is not taken immediately.
	Critical	An event has occurred that requires immediate attention. Data loss or hardware damage may occur if action is not taken quickly. It also triggers email notification, defined on the ADMINISTRATION tab.
	All	Events are shown regardless of severity. Manual intervention may or may not be needed.

Explanation:

QUESTION NO: 10

Which statement is true about SSD addition/removal in the HF-Series system? (Choose two.)

A. SSDs cannot be added or removed.

B. SSDs can be added to the existing cache pool.

C. SSDs can be removed from the existing cache pool.

D. SSDs can only be removed if no volumes exist

ANSWER: B D