

# HP

## Exam HPE2-K42

### Designing HPE Nimble Solutions

Version: Demo

[ Total Questions: 10 ]

**Question No : 1**

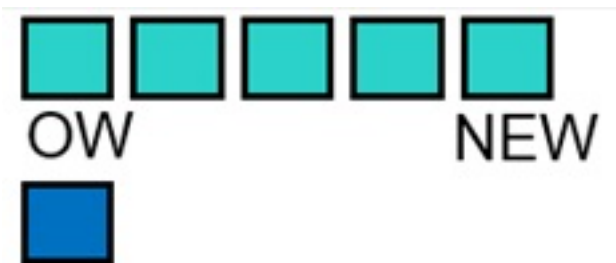
What is volume reserve?

- A. It is the guaranteed minimum amount of physical space reserved for the volume.
- B. It is mandatory for SSD wear leveling.
- C. It enables sparing volume's data.
- D. It is required for volume's snapshots.

**Answer: A**

**Question No : 2**

The exhibit represents volume with a single snapshot.



One new block has been written, and one existing block has been overwritten. What is the state of block ownership?

Primary volume = 5  
 Snapshot data = 1  
 New data = 2

Primary volume = 4  
 Snapshot data = 0  
 New data = 4

Primary volume = 4  
 Snapshot data = 0  
 New data = 0

Primary volume = 5  
 Snapshot data = 1  
 New data = 0

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C

**Question No : 3 DRAG DROP**

*Place the steps in sequence*

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

.....

<u>STEPS</u>	<u>ORDER</u>
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.	

Navigation arrows: > and <

Answer:

*Place the steps in sequence*

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<u>STEPS</u>	<u>ORDER</u>
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Variable block compression is applied.	Variable block deduplication is applied.
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Variable block deduplication is applied.	Blocks are written to SSD and are indexed in DRAM.

Navigation arrows: > and <

**Question No : 4**

Which statements are true about HPE Nimble SNMP support? (Select two.)

- A. The array can receive SNMP traps.
- B. SNMP v3 is supported.
- C. Arrays use the alert level setting for email alerts to determine the events that are sent as SNMP traps.
- D. UDP traps are supported.

**Answer: C,D**

**Question No : 5**

On which levels can deduplication be disabled/enabled? (Select three.)

- A. per cluster
- B. per controller
- C. per array
- D. per performance policy
- E. per storage pool
- F. per volume

**Answer: A,B,C**

**Question No : 6**

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

- A. It is a full copy of all data blocks for full performance.
- B. it allows a volume to be created for online use, based on a snapshot.
- C. it occupies no additional space until new data is written or changed
- D. It is mandatory for customers requiring RPO = 0.
- E. It is required for replication to a Secondary Flash Array's for optimal data protection.

**Answer: A,D**

**Question No : 7**

What are the AF-Series scale-to-fit options? (Select three.)

- A. scale out
- B. scale up
- C. scale down
- D. scale deep
- E. scale performance
- F. scale capacity

Answer: A,D,E

**Question No : 8 DRAG DROP**

Select all that apply

F

Match each HPE Nimble series to its positioning.

**SERIES**

Adaptive Flash Arrays (CS-Series)

All Flash Arrays (AF-Series)

Secondary Flash Arrays (SF-Series)

**POSITIONING**

For converged data protection and disaster recovery, and for running valuable tasks such as dev/test

For high-performance and scalable application workloads

For mixed and mainstream application workloads

Answer:

Select all that apply

F

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**Question No : 9**

Which type of key is used when replicating encrypted volumes with deduplication on?

- A. A KMS (Key Management System) based key
- B. An array key
- C. A domain key
- D. A volume key

**Answer: C**

**Question No : 10**

SmartReplicate can replicate data between which HPE Nimble arrays?

- A. between similar models
- B. All-Flash models only
- C. Adaptive-Flash models only
- D. any combination of models

**Answer: C**