HP

Exam HPE2-K42

Designing HPE Nimble Solutions

Version: Demo

[Total Questions: 10]

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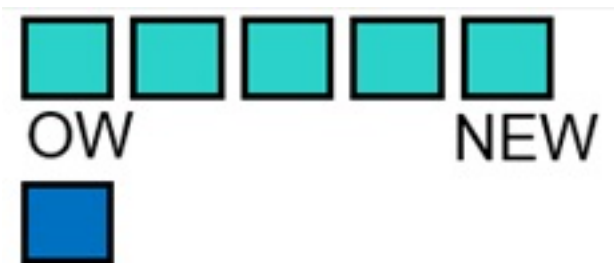HP HPE2-K42 : Practice Test

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
```

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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.

• • • • • •

STEPS   **ORDER**

| 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. |

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Answer:

Place the steps in sequence

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Question No : 4

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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 if 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

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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		POSITIONING
Adaptive Flash Arrays (CS-Series)		For converged data protection and disaster recovery, and for running valuable tasks such as dev/test
All Flash Arrays (AF-Series)		For high-performance and scalable application workloads
Secondary Flash Arrays (SF-Series)		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

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