



# HPE2-K42<sup>Q&As</sup>

Designing HPE Nimble Solutions

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### QUESTION 1

Which properties of volumes must be the same in order for deduplication to take place between them? (Select two.)

- A. They must both be unable to be replicated
- B. They must both have compression disabled
- C. They must have the same block size
- D. They must have the same app category

Correct Answer: BD

### QUESTION 2

DRAG DROP

List in the correct order the steps of a full disaster recovery scenario.

Select and Place:

#### STEPS

Add/adjust ACLs on the volumes.

Mount volumes to application servers (Windows/ESX).

Promote downstream volume collections at the DR site.

Start the production environment at the DR site.

#### ORDER



Correct Answer:

#### STEPS


#### ORDER



Promote downstream volume collections at the DR site.
Add/adjust ACLs on the volumes.
Mount volumes to application servers (Windows/ESX).
Start the production environment at the DR site.



### QUESTION 3

What are possible 'Replication Status' states when replicating volumes across arrays? (Select three.)

- A. In-progress



- B. Copying
- C. Pending
- D. Failed
- E. N/A
- F. Scheduled

Correct Answer: ACE

Reference: Nimble\_Introduction\_and\_Admin.pdf

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#### QUESTION 4

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

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#### QUESTION 5

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>



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