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Vendor:HP

Exam Code:HPE2-K42

Exam Name:Designing HPE Nimble Solutions

Version:Demo

QUESTION 1

Which statement is true about removing an expansion shelf after it is activated?

- A. It can be removed from the solution after you migrate data to another volume.
- B. It can be removed from the solution after you migrate to another RAID group.
- C. It cannot be removed from the solution.
- D. It can be removed from the solution after you use the ungroup CLI command or perform the ungroup action from WebGUI.

Correct Answer: C

Reference: NTS-2001-I_Nimble_Introduction_and_Admin.pdf

QUESTION 2

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 3

How do AF-Series arrays perform sequential stripe write operations?

- A. hole filling
- B. write full stripes
- C. write into zone
- D. write in place

Correct Answer: D

QUESTION 4

What are primary components of AF controller head shelf? (Choose three.)

- A. removable NVDIMM
- B. hard disk drives
- C. solid state disks
- D. dual power supplies
- E. dual controllers
- F. management controller

Correct Answer: CDE

Reference: NTS-2001-I_Nimble_Introduction_and_Admin.pdf

QUESTION 5

When performing a controller upgrade, which component needs to be moved to the new controller?

- A. DIMM RAM modules
- B. on-board SD card
- C. cache batteries
- D. on-board USB stick

Correct Answer: D

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

How can you check which controller is in Standby mode? (Choose two.)

- A. In WebU, select Controllers.
- B. Use the command: showsys.
- C. In WebUI, select Manage Arrays
- D. Use the command: ctrl --list

Correct Answer: CD

QUESTION 8

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 9

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 10

Which technology is being used to protect the contents of the NVDIMM in the event of an unexpected power loss to the AF-Series array?

- A. TwinCap
- B. Ni-Cd battery
- C. UltraCAp
- D. Ni-MH battery

Correct Answer: D

QUESTION 11

Which type of snapshots do we create when not using App Synchronization?

- A. application consistent
- B. crash consistent
- C. cluster consistent
- D. VM consistent

Correct Answer: A

QUESTION 12

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>