

HPE2-K42^{Q&As}

Designing HPE Nimble Solutions

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QUESTION 1

Which compute cloud services are compatible with HPE Cloud Volumes? (Choose two.)

- A. Amazon Web Services
- B. IBM Cloud
- C. Google Cloud Platform
- D. HPE Hybrid Cloud
- E. Microsoft Azure

Correct Answer: AE

Reference: https://www.hpe.com/emea_europe/en/storage/cloud-volumes.html

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

It is possible to configure multiple SMTP servers for HPE Nimble arrays?

- A. Yes, after initial configuration
- B. No, never
- C. Yes, but only via Web GUI
- D. Yes, but only via CLI

Correct Answer: A

Reference: [Nimble_Introduction_and_Admin.pdf](#)

QUESTION 4

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 5

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

Correct Answer: C

QUESTION 6

What is the size of a sequential stripe write for the AF-Series?

- A. 8MB
- B. 10MB
- C. 256MB
- D. 1GB

Correct Answer: B

Reference: Nimble introduction and admin.pdf

QUESTION 7

Which deduplication approach does the AF-Series use?

- A. object-level differencing
- B. post-process deduplication
- C. host-based deduplication

D. inline deduplication

Correct Answer: D

QUESTION 8

What is the maximum number of expansion shelves that HF-Series models can support?

- A. 2
- B. 3
- C. 6
- D. 12

Correct Answer: C

Reference: <https://h20195.www2.hpe.com/v2/GetPDF.aspx/a00008274enw.pdf>

QUESTION 9

What are valid HPE Nimble Windows Toolkit (NWT) prerequisites? (Choose three.)

- A. MPIO enabled
- B. running iSCSI service
- C. Microsoft PowerShell 3.0
- D. .NET Framework 4.5.2 or above
- E. Java JRE 1.6.0 or above

Correct Answer: ACD

QUESTION 10

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 11

DRAG DROP

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

Select and Place:

<u>STEPS</u>		<u>ORDER</u>
Blocks are formed into a sequential stripe write.	<div style="display: flex; flex-direction: column; align-items: center; gap: 10px;"> > < </div>	
Variable block compression is applied.		<div style="font-size: 2em;">↑</div>
Blocks are written to SSD and are indexed in DRAM.		<div style="font-size: 2em;">↓</div>
Variable block deduplication is applied.		

Correct Answer:

<u>STEPS</u>		<u>ORDER</u>
	<div style="display: flex; flex-direction: column; align-items: center; gap: 10px;"> > < </div>	Variable block deduplication is applied.
		Variable block compression is applied.
		Blocks are formed into a sequential stripe write.
		Blocks are written to SSD and are indexed in DRAM.

Reference:

https://www.academia.edu/34785774/NTS-2001-I_Nimble_Introduction_and_Administration_Course_Revision_5

QUESTION 12

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

Correct Answer: A

QUESTION 13

DRAG DROP

List in the correct order what the system will do when you promote a downstream replication partner.

Select and Place:

<u>STEPS</u>		<u>ORDER</u>
Begins taking snapshots per defined schedules.		
Brings the most recently replicated snapshots online as volumes (the contents of the newly available volumes now consistent with the last replicated snapshots).		
Clears "Replicate From".	➤	⬆
Creates a second (local) instance of the volume collection and assumes ownership.	⬅	⬆
Gives ownership of volumes to the downstream array.		
Suspends the replication relationship associated with the volume collection.		

Correct Answer:

<u>STEPS</u>		<u>ORDER</u>
		Suspends the replication relationship associated with the volume collection.
		Gives ownership of volumes to the downstream array.
		Creates a second (local) instance of the volume collection and assumes ownership.
	➤	Clears "Replicate From".
	⬅	Brings the most recently replicated snapshots online as volumes (the contents of the newly available volumes now consistent with the last replicated snapshots).
		Begins taking snapshots per defined schedules.

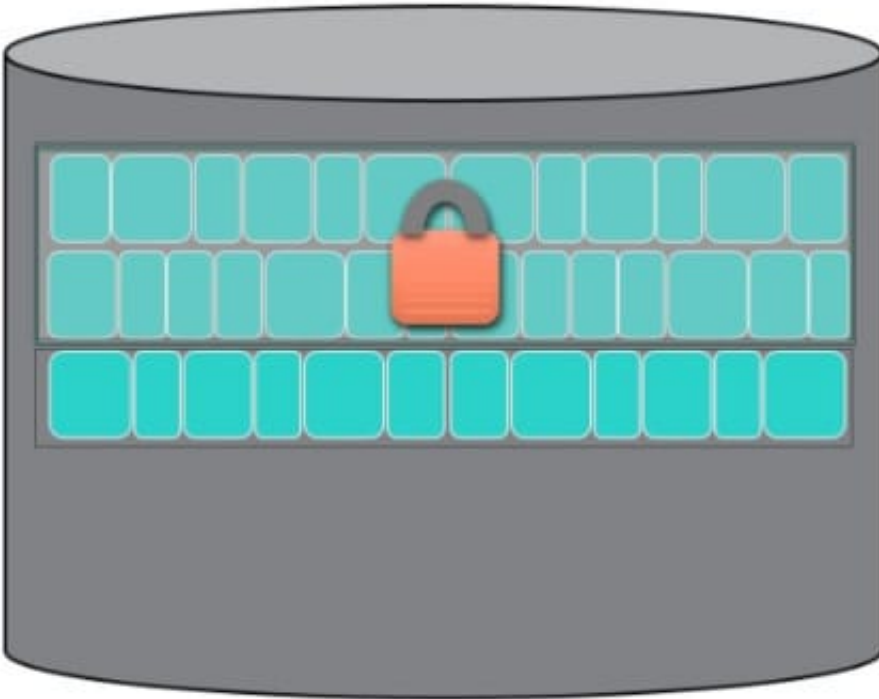
QUESTION 14

HOTSPOT

Select the snapped data snapshot area.

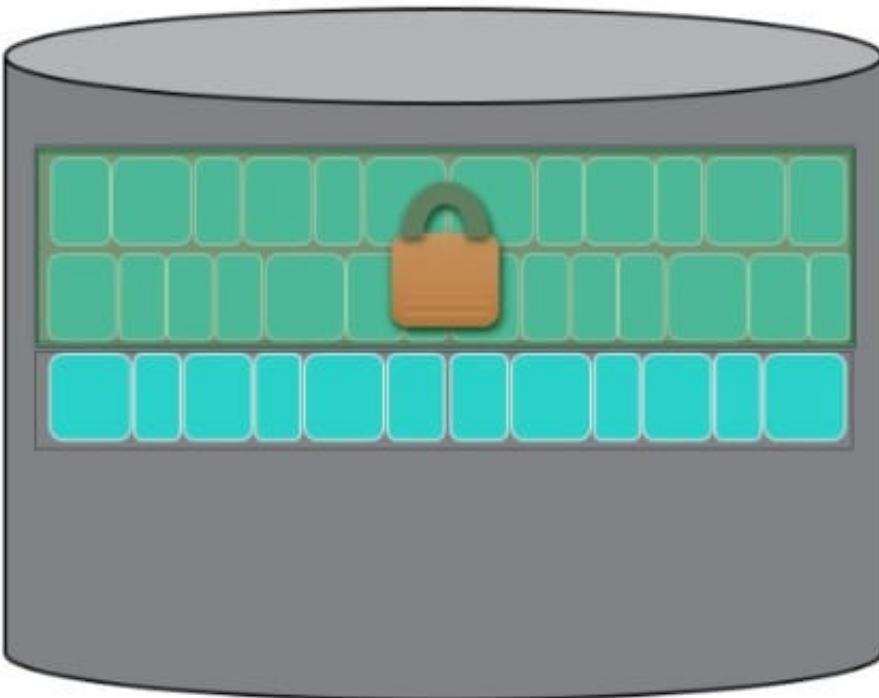
Hot Area:

Image number 230105



Correct Answer:

Image number 230105



QUESTION 15

Why does HPE recommend configuring an NTP server during array initialization?

- A. This will help ensure logs and events are easy to follow based on a known timeline.
- B. It guarantees data consistency when using Triple+ RAID combined with snapshotting.
- C. It is mandatory for InfoSight integration.
- D. It is required for replication across arrays.

Correct Answer: A

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