

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

Designing HPE Nimble Solutions

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**QUESTION 1**

How should you create a fully provisioned volume?

- A. Disable compression
- B. Set reserve to 100%
- C. Set quota to 100%
- D. Use the Fully Provisioned option

Correct Answer: B

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**QUESTION 2**

Which tools can you use on a Windows host to connect to iSCSI volumes on an HPE Nimble array? (Choose two.)

- A. HPE Nimble Connection Wizard
- B. Microsoft iSCSI Initiator
- C. HPE Nimble Connection Manager
- D. HPE Nimble Windows Toolkit

Correct Answer: CD

Reference: <https://community.hpe.com/t5/HPE-Storage-Tech-Insiders/Nimble-OS-2-0-Part-2-Nimble-Connection-Manager-for-Windows/ba-p/6986545>

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**QUESTION 3**

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

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**QUESTION 4**

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>

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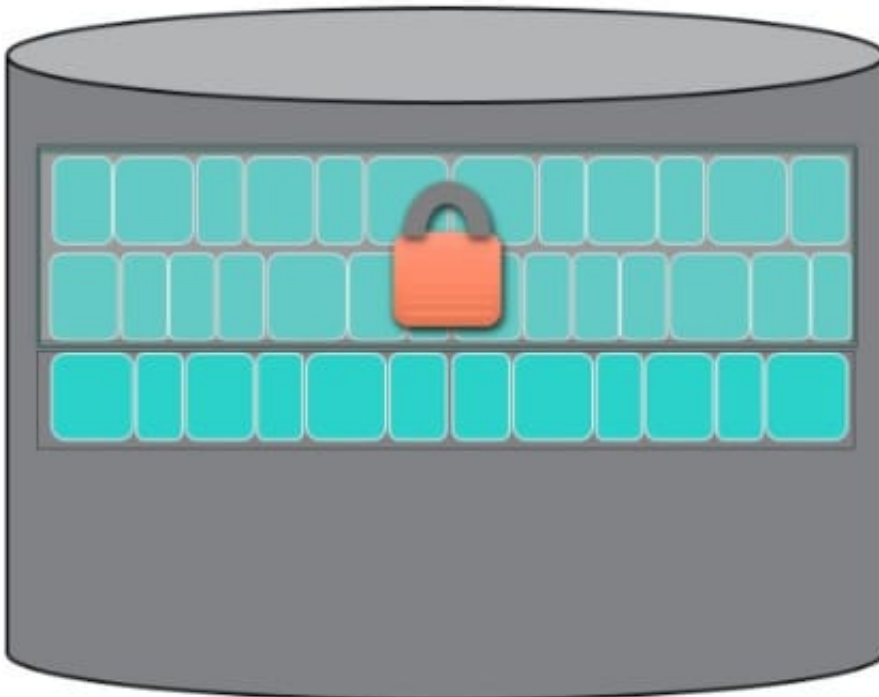
**QUESTION 5**

**HOTSPOT**

Select the snapped data snapshot area.

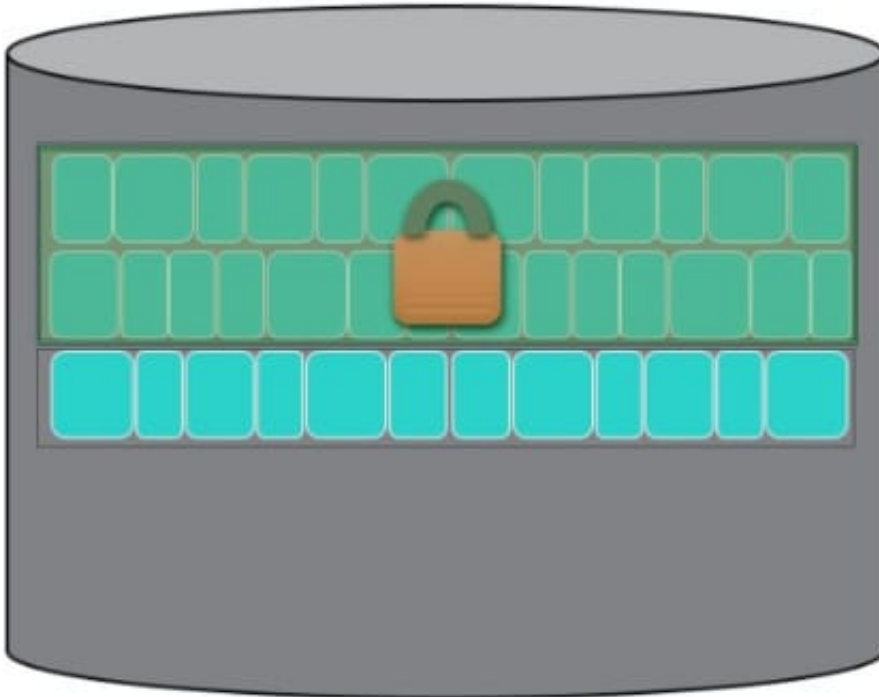
Hot Area:

Image number 230105



Correct Answer:

Image number 230105



**QUESTION 6**

What are primary HPE Nimble SmartReplicate components? (Choose three.)

- A. partner
- B. snapshot schedule
- C. replication group
- D. sync partner
- E. throttle

Correct Answer: ABE

**QUESTION 7**

What is the correct power on/off order of the All Flash-Series? (Choose two.)

- A. power off the controller shelf first, then the expansion shelves
- B. power on controller shelf first, then the expansion shelves
- C. power on expansion shelves first, then the controller shelf

D. power off the expansion shelves first, then the controller shelf

Correct Answer: AC

Reference: [https://www.reddit.com/r/storage/comments/3ii6dt/nimble\\_array\\_remote\\_shutdown\\_during\\_power\\_outage/](https://www.reddit.com/r/storage/comments/3ii6dt/nimble_array_remote_shutdown_during_power_outage/)

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**QUESTION 8**

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

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**QUESTION 9**

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

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**QUESTION 10**

DRAG DROP

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

Select and Place:

**STEPS**

- 1 Begins taking snapshots per defined schedules.
- 2 Brings the most recently replicated snapshots online as volumes (the contents of the newly available volumes now consistent with the last replicated snapshots).
- 3 Clears "Replicate From".
- 4 Creates a second (local) instance of the volume collection and assumes ownership.
- 5 Gives ownership of volumes to the downstream array.
- 6 Suspends the replication relationship associated with the volume collection.



**ORDER**



Correct Answer:

**STEPS**

- 1
- 2
- 3
- 4
- 5
- 6



**ORDER**

- 1 Suspends the replication relationship associated with the volume collection.
- 2 Gives ownership of volumes to the downstream array.
- 3 Creates a second (local) instance of the volume collection and assumes ownership.
- 4 Clears "Replicate From".
- 5 Brings the most recently replicated snapshots online as volumes (the contents of the newly available volumes now consistent with the last replicated snapshots).
- 6 Begins taking snapshots per defined schedules.



**QUESTION 11**

DRAG DROP

Match the general DR operations to their descriptions.

Select and Place:

**Operation**

- Demote
- Handover
- Promote

**Description**

- Graceful transition between two sites (no data loss)
- Making the DR site primary with the data it has (possible data loss)
- Clearing ownership status from a former source

Correct Answer:

Operation	Description
<input type="text"/>	<input type="text" value="Handover"/> Graceful transition between two sites (no data loss)
<input type="text"/>	<input type="text" value="Promote"/> Making the DR site primary with the data it has (possible data loss)
<input type="text"/>	<input type="text" value="Demote"/> Clearing ownership status from a former source

**QUESTION 12**

Which compression algorithm do all HPE Nimble arrays use?

- A. PPM
- B. bzip2
- C. LZ4
- D. LZ77

Correct Answer: C

**QUESTION 13**

How is SmartReplicate licensed?

- A. per array
- B. free of charge
- C. per target
- D. based on capacity (per 1TB)

Correct Answer: B

Reference: <https://community.hpe.com/t5/Array-Performance-and-Data/Nimble-SmartSnap-SmartReplication-vs-EMC-RecoveryPoint/td-p/6983058#.XBCRDsRR2kw>

**QUESTION 14**

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

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**QUESTION 15**

Which replication scenarios does SmartReplicate support? (Select three.)

- A. reciprocal (bi-directional)
- B. primary to DR
- C. synchronous long distance
- D. one to many
- E. many to one

Correct Answer: ABE

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