



# EMC

## E20-542 Exam

**EMC : VMAX3 Solutions and Design Specialist Exam for  
Technology Architects Exam**

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## Version: 7.0

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### Question: 1

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A customer wants to configure a large SRDF deployment between two VMAX3 arrays. The customer has many different applications and workloads. They want to separate each into its own SRDF group. What is the maximum number of SRDF groups this configuration will support?

- A. 64
- B. 96
- C. 184
- D. 250

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**Answer: D**

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### Question: 2

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Which legacy TimeFinder technologies are supported by TimeFinder SnapVX emulation mode?

- A. Mirror, Clone, VP Snap
- B. Mirror, Clone, Snap
- C. Mirror, VP Snap, Snap
- D. Clone, VP Snap, Snap

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**Answer: A**

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### Question: 3

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What is the maximum number of linked targets that TimeFinder SnapVX supports?

- A. 32
- B. 128
- C. 256
- D. 1024

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**Answer: D**

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### Question: 4

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Where will TimeFinder SnapVX snapshot deltas be stored on a VMAX3 array?

- A. Storage Resource Pool
- B. Dedicated Target Device
- C. Reserved LUN Pool

D. Array Cache

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**Answer: A**

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**Question: 5**

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A customer has production and disaster recovery VMAX3 arrays. There is limited bandwidth between the sites. The amount of data which will be replicated by using SRDF to the disaster recovery site is slightly more than the available bandwidth allows.

Which action is needed to accommodate the customer's need?

- A. Install an optional compression module
- B. Enable the compression license
- C. Enable compression on the RA Director
- D. Enable the Fast Write feature on the SRDF Group

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**Answer: A**

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**Question: 6**

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A customer is using two VMAX3 arrays with a compression module installed on both arrays. After careful monitoring of the SRDF traffic, they discover that the data is not being compressed.

What additional action needs to be performed to enable compression?

- A. Enable compression at the SRDF Group level
- B. Enable compression at the RA Director level
- C. Enable the compression license
- D. Enable compression on the engine containing the RA Director

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**Answer: A**

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**Question: 7**

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You have configured Open Replicator between a new VMAX3 array and a VMAX. A host is connected to the VMAX3 array and a control device is configured to pull data from a remote device on the VMAX. You want the host to be able to access data on the control device while the data is being pulled from the remote device.

What will cause writes to the control device to be propagated back to the remote device?

- A. Donor Update
- B. Copy-On-First Access
- C. Front-end Zero Detection
- D. Background Copy

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**Answer: A**

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**Question: 8**

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A customer needs to automate SRDF disaster recovery for a Microsoft cluster. Which SRDF solution is recommended?

- A. SRDF/CE
- B. SRDF/DM
- C. SRDF/CG
- D. SRDF/AR

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**Answer: A**

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**Question: 9**

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When data consistency is not a requirement, which SRDF mode is preferred when replicating large volumes of data?

- A. SRDF/DM
- B. SRDF/A
- C. SRDF/S
- D. SRDF/CG

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**Answer: A**

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**Question: 10**

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The Reserved Capacity for a Storage Resource Pool (SRP) on a VMAX3 has been set to 15%. A TimeFinder SnapVX snapshot has been created for a Storage Group containing 10 devices. An application is actively performing read and write I/Os to these devices. Allocation for the SRP reaches 85%.

What will happen to the snapshot?

- A. Snapshot will fail
- B. Snapshot deltas will be allocated from the Reserved Capacity
- C. Snapshot will persist but new snapshot deltas cannot be created
- D. Snapshot will terminate

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**Answer: A**

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**Question: 11**

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The Reserved Capacity for a Storage Resource Pool (SRP) on a VMAX3 has been set to 15%. A TimeFinder SnapVX snapshot has been created for a Storage Group containing 10 devices. An application is actively performing read and write I/Os to these devices. The snapshot is linked to the target in Copy mode. Allocation for the SRP reaches 85%.

What will happen to the copy process?

- A. Copy to the target will halt
- B. Copy to the target will fail
- C. Tracks required for the copy will be allocated from the Reserved Capacity
- D. Copy to the target will continue and complete

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**Answer: A**

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**Question: 12**

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A TimeFinder SnapVX snapshot of source volumes has been linked to target volumes. The target volumes are being used for application testing.

What is recommended prior to a relink operation?

- A. Continue accessing the source volumes; stop accessing the target volumes
- B. Stop accessing the source volumes; continue accessing the target volumes
- C. Stop accessing the source and target volumes
- D. Continue accessing the source and target volumes

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**Answer: A**

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