

## E20-307<sup>Q&As</sup>

VMAX3 Solutions Specialist Exam for Implementation Engineers

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## QUESTION 1

SRDF/A has been enabled between two VMAX3 arrays. What will the RDF pair state be if there is a permanent loss of all RDF links?

- A. Partitioned
- B. Split
- C. Suspended
- D. Consistent

Correct Answer: C

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## QUESTION 2

Which VMAX3 point-in-time replication on technology allows snapshots to be created without requiring a target volume?

- A. TimeFinder SnapVX
- B. ProtectPoint
- C. SRDF/Asynchronous
- D. Open Replicator

Correct Answer: A

Reference <https://www.emc.com/collateral/technical-documentation/h13697-emc-vmx3-local-replication.pdf>

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## QUESTION 3

DRAG DROP

When using the SRDF failover command for a maintenance operation, what is the correct sequence of the steps necessary to provide a consistent point-in-time copy with minimal recovery at the target side?

Select and Place:

Deactivate the Volume Group	STEP 1
Stop all applications	STEP 2
Issue the <code>symrdf failover</code> command	STEP 3
Unmount the file system	STEP 4

Correct Answer:

	Stop all applications
	Unmount the file system
	Deactivate the Volume Group
	Issue the <code>symrdf failover</code> command

**QUESTION 4**

What does the Reserved Capacity parameter for a VMAX3 Storage Resource Pool (SRP) reserve?

- A. Absolute capacity, in GB, for thin device host allocations.
- B. Absolute capacity, in GB, for TimeFinder SnapVX snapshots.
- C. Percentage of SRP for thin device host allocations.
- D. Percentage of SRP for TimeFinder SnapVX snapshots

Correct Answer: C

Reference <https://uk.emc.com/collateral/technical-documentation/docu55786-vmax3-service-level-pro-fully-automated-storage.pdf> (p.27)

**QUESTION 5**

A storage administrator wants to use the Migration Wizard in Unisphere for VMAX to create a Non-Disruptive Migration session. Where is the Migrate option located?

- A. SID> Storage > Migrations
- B. SID> Data Protection > SRDF
- C. SID> Data Protection > Replication Groups and Pools
- D. SID > Storage > Storage Groups

Correct Answer: D

Reference

[https://learningcontent.emc.com/gatekeepercontent/cninv00000000135674/presentation\\_content/external\\_files/Non-Disruptive%20Migration%20VMAX%20All%20Flash\\_VMAX3.pdf](https://learningcontent.emc.com/gatekeepercontent/cninv00000000135674/presentation_content/external_files/Non-Disruptive%20Migration%20VMAX%20All%20Flash_VMAX3.pdf) (p.26)

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**QUESTION 6**

What is the basis for the allocation of new extends from a Storage Resource Pool (SRP) in a VMAX3 array?

- A. Data Pool RAID types and SRP capacity
- B. Data Pool Ranking and Service Level
- C. Data Pool RAID types and default Service Level
- D. Data Pool Ranking and SRP capacity

Correct Answer: B

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**QUESTION 7**

Where are Host I/Os directed to when in the Non-Disruptive Migration CutoverReady state?

- A. Either the source or the target array
- B. Target array only
- C. Held in host cache until a Commit operation occurs
- D. Source array only

Correct Answer: A

Reference <https://www.emc.com/collateral/technical-documentation/h15464-vmax-non-disruptive-migration.pdf> (P.19)

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**QUESTION 8**

What is the default HTTPS port used to connect to Unisphere for VMAX?

- A. 80
- B. 443
- C. 3324
- D. 8443

Correct Answer: D

Reference <https://uk.emc.com/collateral/TechnicalDocument/docu59484.pdf> (p.35)

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## QUESTION 9

What does EMC Virtual Storage Integrator for VMware vSphere Web Client require to provision and manage storage from VMAX All Flash and VMAX3 arrays?

- A. EMC VMAX Storage Plug-in
- B. EMC VSS Provider
- C. EMC Unisphere for VMAX
- D. EMC SMI-S Provider

Correct Answer: A

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## QUESTION 10

VMAX3 devices 00011 through 00014 are 100 GB in size. What will the size of the devices be after the symdev modify -devs 00011:00014 -cap 400 -captype gb -tdev SYMCLI command is executed?

- A. 200 GB
- B. 400 GB
- C. 500 GB
- D. 1600 GB

Correct Answer: A

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## QUESTION 11

When using TimeFinder SnapVX technology, what is the maximum number of linked targets of a snapshot that can be created?

- A. 255
- B. 256
- C. 512
- D. 1024

Correct Answer: B

Reference <https://www.emc.com/collateral/white-papers/h14273-vmax3-timefinder-snapvx-microsoft-sql-server.pdf> (P.5)

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## QUESTION 12

Which command enables SRDF/A single session consistency protection?

- A. symrdf enable consistency
- B. symrdf set mode async
- C. symcg enable
- D. symrdf enable

Correct Answer: C

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## QUESTION 13

On a VMAX3 array, what is the default Dynamic I/O distribution mode settings when a Storage Group is associated with Host I/O Limits?

- A. Never
- B. Balanced
- C. Always
- D. OnFailure

Correct Answer: A

Explanation: References:

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## QUESTION 14

What is a requirement before a TDEV can be deleted on a VMAX3?

- A. TDEV must be unbound from the thin pool
- B. TDEV must be set to Not Ready

- C. TDEV must not have any allocated tracks
- D. TDEV must be disassociated from the SRP

Correct Answer: B

Explanation: References:

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## QUESTION 15

DRAG DROP

What is the correct sequence of steps to obtain VMAX licenses and ensure the VMAX is configured to allow these features to work properly?

Select and Place:

Entitled user loads the license file to the VMAX and verifies that all licenses were successfully activated.	STEP 1
Order the software licenses for the required features.	STEP 2
Customer retrieves the License Authorization Code and downloads the license file from EMC.	STEP 3
EMC generates the single license file for the VMAX and makes available for download.	STEP 4
EMC sends a License Authorization Code to the customer with instructions on how to download the single license file.	STEP 5

Correct Answer:

	Order the software licenses for the required features.
	EMC generates the single license file for the VMAX and makes available for download.
	EMC sends a License Authorization Code to the customer with instructions on how to download the single license file.
	Customer retrieves the License Authorization Code and downloads the license file from EMC.
	Entitled user loads the license file to the VMAX and verifies that all licenses were successfully activated.

Reference <https://www.emc.com/collateral/TechnicalDocument/docu78907.pdf> (page 122)

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