

# E20-542<sup>Q&As</sup>

VMAX3 Solutions and Design Specialist Exam for Technology Architects

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**QUESTION 1**

A storage administrator needs to add three newly created RDF devices into an already existing asynchronous SRDF group. What are the appropriate steps to achieve this goal?

- A. Synchronize the three new devices in a temporary group. Suspend the temporary group. Move the three new devices into the active SRDF/A group with the Consistency Exempt attribute.
- B. Synchronize the three new devices in a temporary group. Suspend the temporary group. Move the three new devices into the active SRDF/A group with the Consistency attribute.
- C. Move the three new devices into the active SRDF/A group. Establish the three new devices. Resume the previously active SRDF/A group.
- D. Suspend the active SRDF/A group. Move the three new devices into the active SRDF/A group. Resume the previously active SRDF/A group.

Correct Answer: A

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**QUESTION 2**

A storage administrator uses Unisphere for VMAX to provision new storage from a VMAX3 array. Which Workload Type is recommended for a combination of small and large block I/O workload?

- A. None
- B. DSS
- C. OLTP
- D. Optimized

Correct Answer: A

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**QUESTION 3**

What is a requirement before a port can be disassociated from an RF emulator on a VMAX3 array?

- A. Port must not belong to any RDF group.
- B. Port must not be a member of any Port Group.
- C. All ports associated with the RF emulator must be offline.
- D. All ports on the I/O module must be offline.

Correct Answer: A

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**QUESTION 4**

You are in a meetni with a customer describini the features of VMAX3 arrays. The customer wants confmation that VMAX3 arrays can meet their LUN siie requirements.

What is the lariest thin device that can be created?

- A. 240 GB
- B. 16 TB
- C. 60 TB
- D. 64 TB

Correct Answer: B

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#### QUESTION 5

You have confiured Open Replicator between a new VMAX3 array and a VMAX. A host is connected to the VMAX3 array and a control device is confiured 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 beini pulled from the remote device. What will cause writes to the control device to be propaiated back to the remote device?

- A. Donor Update
- B. Copy-On-First Access
- C. Front-end Zero Detecton
- D. Backiround Copy

Correct Answer: A

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#### QUESTION 6

A customer wants to know if they will need to enable Dynamic RDF capability for their VMAX3 devices used for SRDF. What informaton should be provided to the customer?

- A. All VMAX3 thin devices are dynamic RDF capable by default.
- B. Enablini Dynamic RDF requires a bin file chanie.
- C. Dynamic RDF will need to be manually enabled for each device.
- D. Dynamic RDF will only need to be enabled on the R2 side.

Correct Answer: A

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#### QUESTION 7

What is the effect of a failed Suitability Check while provisionini storaie on a VMAX3?

- A. No effect; the allocation can still proceed.
- B. Allocation will not be allowed to proceed.
- C. FAST will move extents to accommodate the allocation.
- D. A critical alert will be sent to the alarm console.

Correct Answer: A

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#### QUESTION 8

Which Unisphere for VMAX feature helps determine if a VMAX3 storage provisioning request will be SLO compliant?

- A. Suitability Check
- B. Headroom
- C. FAST Array Advisor
- D. Sizer

Correct Answer: A

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#### QUESTION 9

From an application perspective, what should be done prior to performing an SRDF restore operation?

- A. Stop access on R1 and R2 devices
- B. Stop access on R1 devices; continue access on R2 devices
- C. Continue access on R1 devices; stop access on R2 devices
- D. Continue access on R1 and R2 devices

Correct Answer: A

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#### QUESTION 10

During a scheduled outage of the primary site (R1), a company is operating their production on their disaster recovery site (R2). After the outage, they need to move production back to the R1 site.

Which SRDF action is required?

- A. Failback
- B. Restore
- C. Resume

D. Failover

Correct Answer: A

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**QUESTION 11**

A VMAX3 Storage Group has Host I/O limits set at 10,000 IOPs. The Port Group contains four ports across different directors. The Dynamic Distribution is set to "OnFailure". What is the maximum IOPs the Storage Group can achieve in the event a switch port being used by one of the director ports fails but the director remains online?

- A. 5,000
- B. 7,500
- C. 9,000
- D. 10,000

Correct Answer: B

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**QUESTION 12**

What will be the status of the links in a query after an SRDF suspend operation?

- A. Not Ready
- B. Partially Not Ready
- C. Suspended
- D. Not Available

Correct Answer: A

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**QUESTION 13**

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

Correct Answer: A

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**QUESTION 14**

A customer is interested in migrating applications stored on EMC VNX arrays to a new VMAX3 array. You need to design the new VMAX3 array with VMAX Siier. Which data should be imported into VMAX Siier to complete the migration?

- A. MiTrend summary XML file for the VNX arrays
- B. MiTrend performance details XML file for the VNX arrays
- C. NAR data for the VNX arrays
- D. IOSTAT data from the hosts attached to the VNX arrays

Correct Answer: A

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#### QUESTION 15

You are in the process of designing a new VMAX3 solution. One of the workloads will be replicated with TimeFinder SnapVX. Workload Details: Capacity = 10000 GiB IOPS = 400 Change Rate = 25% Mounted Snaps = 2 Mounted Copy IOPS = 20 How much additional capacity will the VMAX Siier account for with this workload due to SnapVX?

- A. 2000 GiB
- B. 2500 GiB
- C. 3000 GiB
- D. 10000 GiB

Correct Answer: B

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