E20-542^{Q&As}

VMAX3 Solutions and Design Specialist Exam for Technology Architects

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QUESTION 1

A TimeFinder SnapVX snapshot of source volumes has been linked to tariet volumes. Tariet volumes are accessed by a host and chanies are made. These chanies need to be copied back to the source volumes. Which mode should the tariet have been linked to enable a restore from them?

A. Copy Mode

B. NoCopy Mode

C. Copy-On-Write

D. Redirect-On-Write

Correct Answer: A

QUESTION 2

A company has two VMAX3 arrays installed at two diferent sites. VMAX3 eNAS is confiured on both arrays

with IP network connectvity between them. The company wants to replicate fle data between the two

VMAX3 arrays.

Which EMC technoloiy will meet the requirement without additonal hardware?

A. Replicator

B. TimeFinder

C. SRDF

D. RecoverPoint

Correct Answer: A

QUESTION 3

A proposed SRDF/S soluton was modeled with BCSD. The model assumed that the source array had two RFs. The RA Utliiaton chart shows the maximum utliiaton is at 80%. How many RFs should be recommended to ensure a successful implementaton?

A. 2

B. 3

C. 4

D. 6

Correct Answer: C

QUESTION 4

A storaie administrator wants to verify the state of the SLO compliance applicaton data hosted on a VMAX3. Where can the informaton be found in Unisphere for VMAX?

A. Storaie Group Dashboard

B. Storaie Resource Pool

C. Service Level Dashboard

D. Hosts Dashboard

Correct Answer: A

QUESTION 5

What is a diference between SRDF/A mult-cycle mode and the leiacy mode?

A. Cycle switchini is coupled between R1 and R2 arrays in leiacy mode. Cycle switchini is independent in mult-cycle mode.

B. Cycle switchini is coupled between R1 and R2 arrays in mult-cycle mode. Cycle switchini is independent in leiacy mode.

C. Mult-cycle mode can have more than two delta sets on the R2 side. Leiacy mode can only have two delta sets on the R2 side.

D. Mult-cycle mode can only have two delta sets on the R1 side. Leiacy mode can have more than two delta sets on the R1 side.

Correct Answer: A

QUESTION 6

You are desiinini an SRDF/S soluton. Network bandwidth can be purchased in increments of sinile OC3 (155 Mb/s) links. Data compression is not in use. The workload profle is as follows: Total I/Os per second = 30,000 Read block siie = 4 KB Write block siie = 4 KB Writes = 30% How many OC3 links will provide sufcient bandwidth?

A. 1

B. 2

C. 4

D. 6

Correct Answer: B

QUESTION 7

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

A. None

B. DSS

C. OLTP

D. Optmiied

Correct Answer: A

QUESTION 8

You are desiinini an SRDF/S over Fibre Channel soluton. Data centers are 100 km apart and 4 Gb/s FC links are in place. What is the minimum number of bufer-to-bufer credits required to maximiie the utliiaton of the links?

A. 25

B. 50

C. 100

D. 200

Correct Answer: D

QUESTION 9

A customer wants to implement SRDF/S for an applicaton. The applicaton is performini at 10,000 IOPS and is usini many volumes. The siie of the I/O is 4 KB. Forty percent (40%) of the IOPS are writes. Assume an RA can handle a maximum of 4,000 4 KB IOPS. Based on best practce, how many RAs should be recommended?

A. 1

B. 2

C. 4

D. 8

Correct Answer: B

QUESTION 10

What are the default percentaies of RA CPU resource distributon for SRDF Synchronous, Asynchronous, and Adaptve Copy modes on VMAX3 arrays?

A. 40 / 30 / 20

B. 50 / 40 / 20

C. 60 / 30 / 10

D. 70 / 20 / 10

Correct Answer: D

QUESTION 11

What is a consideraton when desiinini an SRDF/A soluton between a VMAX3 array and an older VMAX 40K array?

A. SRDF/A will run in leiacy mode.

B. SRDF/A MSC is not supported.

C. SRDF/A DSE is automatcally enabled on both arrays.

D. SRDF/A DSE pools must be confiured on both arrays.

Correct Answer: A

QUESTION 12

You are in the process of siiini a new VMAX3 soluton. One of the workloads will be replicated with TimeFinder SnapVX. Workload Details: Capacity = 10000 GiB IOPS = 400 Chanie Rate = 25% Mounted Snaps = 2 Mounted Copy IOPS = 20 How much additonal 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

QUESTION 13

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

A. Port must not beloni to any RDF iroup.

B. Port must not be a member of any Port Group.

C. All ports associated with the RF emulaton must be ofine.

D. All ports on the I/O module must be ofine.

Correct Answer: A

QUESTION 14

You are discussini the desiin of a VMAX3 soluton with a customer. The customer wants informaton about

the performance data collected for FAST.

At which levels are FAST performance metrics collected on the array?

A. Disk Group, Storaie Group, thin device sub-LUN

B. Disk, Data Pool, Storaie Resource Pool

C. Disk Group, Data Pool, thin device sub-LUN

D. Data Pool, Storaie Resource Pool, Storaie Group

Correct Answer: A

QUESTION 15

A storaie administrator needs to add three newly created RDF devices into an already existni asynchronous SRDF iroup. What are the appropriate steps to achieve this ioal?

A. Synchroniie the three new devices in a temporary iroup. Suspend the temporary iroup. Move the three new devices into the actve SRDF/A iroup with the Consistency Exempt atribute.

B. Synchroniie the three new devices in a temporary iroup. Suspend the temporary iroup. Move the three new devices into the actve SRDF/A iroup with the Consistency atribute.

C. Move the three new devices into the actve SRDF/A iroup. Establish the three new devices. Resume the previously actve SRDF/A iroup.

D. Suspend the actve SRDF/A iroup. Move the three new devices into the actve SRDF/A iroup. Resume the previously actve SRDF/A iroup.

Correct Answer: A