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Vendor:EMC

Exam Code:E20-326

Exam Name:Symmetrix Solutions Design Exam for
Technology Architects Exam

Version:Demo

QUESTION 1

A Customer would like to use Open Replicator to periodically push their production data to a remote array. Which solution will minimize performance impact to the production devices?

- A. Cold push using production devices
- B. Cold push using TimeFinder/Clone replica devices
- C. Hot push with donor update using production devices
- D. Hot push using TimeFinder/Snap replica devices

Correct Answer: B

QUESTION 2

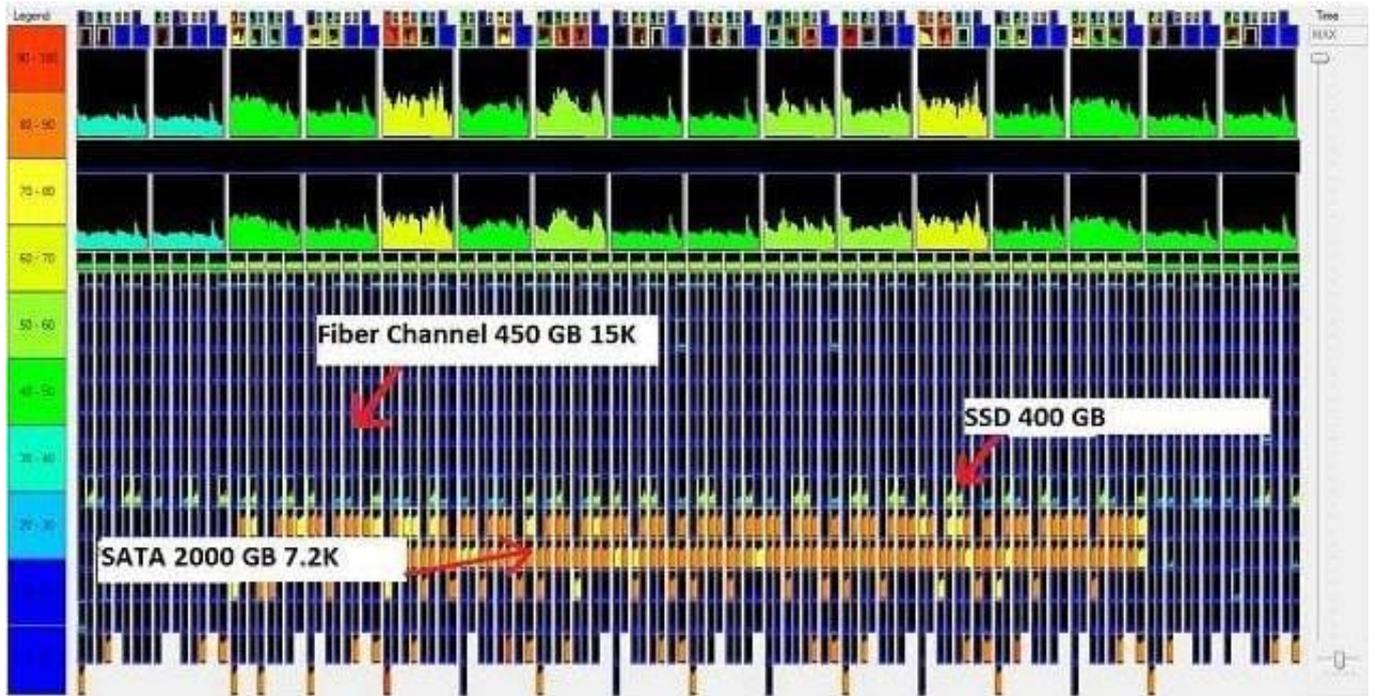
What is best practice for binding thin devices in a FAST VP environment?

- A. Bind all devices to a thin pool within the second highest tier.
- B. Bind all devices to a thin pool within the lowest tier available.
- C. Bind all devices to a pool within the highest tier available.
- D. Bind thin devices only to pools that show sufficient Pool Reserved Capacity.

Correct Answer: A

QUESTION 3

A customer has a Symmetrix VMAX storage array configured with 94.9% utilization of raw storage capacity, according to symwin. The frame is configured as shown in the exhibit. The SRDF/A replication suspends regularly. Investigation shows write pending values are too high for the R1 volumes. I/O requirements for the DSE pool are computed.



If DSE is used, where and how should the pool be built?

- A. FC disk on all engines
- B. FC disk on engines 1 and 8
- C. SATA disk on all engines
- D. EFD on all engines

Correct Answer: A

QUESTION 4

A customer wants to protect production data using local and remote replication on a pair of VMAX arrays located 100 km apart. Both VMAX arrays are fully configured with virtually provisioned thin volumes.

The customer has a near zero Recovery Point Objective (RPO) and wants to replicate the production volumes to the remote array, while maintaining a separate backup copy of the production data on the local array.

Which replication options do you recommend they implement?

- A. TimeFinder/Snap and SRDF/A.
- B. TimeFinder/Clone and SRDF/S.
- C. TimeFinder/Mirror and SRDF/S.
- D. TimeFinder/Clone and SRDF/DM.

Correct Answer: B

QUESTION 5

You are designing an SRDF/S over Fibre Channel solution. Data centers are 30 kilometers apart. 2 Gb/s FC links are in place. How many buffer to buffer credits would you recommend in order to maximize the utilization of the links?

- A. 30
- B. 15
- C. 60
- D. 180

Correct Answer: A

QUESTION 6

A customer plans to configure a storage pool on their new Symmetrix VMAX 20K. The pool must be able to withstand a dual drive failure and still offer guaranteed data access.

Which RAID type should be used?

- A. Striped RAID 1
- B. RAID 5
- C. RAID 6
- D. RAID type does not matter

Correct Answer: C

QUESTION 7

What is the EMC recommended network quality for SRDF/A over GigE?

- A. Less than 0.1% packet loss
- B. Less than 0.01% packet loss
- C. Less than 0.25% packet loss
- D. Less than 1% packet loss

Correct Answer: A

QUESTION 8

A customer is implementing SRDF/S for an application that generates 16000 8K IOPS with 30% writes. A single RDF port can service 1200 8K IOPS. How many RA should be recommended?

- A. 4
- B. 6
- C. 10
- D. 8

Correct Answer: D

QUESTION 9

You are designing an SRDF over GigE solution. What is a consideration to maximize TCP connection scaling?

- A. All GigE ports on the source array should be able to see all GigE ports on the target array.
- B. The MTU size must be hard set in the bin file on both the source and target arrays.
- C. The speed limit should be set on all GigE ports on both the source and target arrays.
- D. Jumbo frames must be enabled on the all GigE ports on both the source and target arrays.

Correct Answer: A

QUESTION 10

What is a supported mode for disk based Cascaded SRDF?

- A. First leg - SRDF/S, Second leg - SRDF/A
- B. First leg - SRDF/A, Second leg - SRDF/A
- C. First leg - SRDF/S, Second leg - SRDF Adaptive Copy Write Pending Mode
- D. First leg - SRDF/S, Second leg - SRDF/S

Correct Answer: A

QUESTION 11

A customer is planning a new Microsoft Exchange 2010 environment on their Symmetrix VMAX. The customer wants to know how they can backup volumes containing passive mailbox database copies.

What advice should be provided to the customer?

- A. To use Replication Manager or a third-party Exchange-aware VSS-based application.
- B. Only the VSS plug-in that ships with Exchange 2010 can be used.

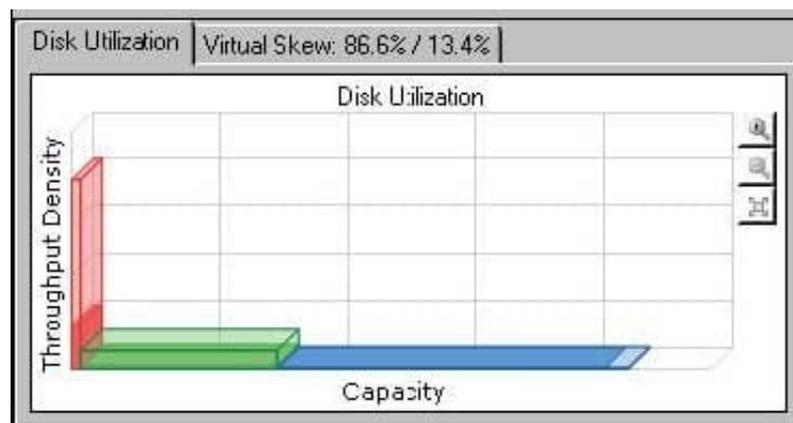
C. VSS plug-in that ships with Exchange 2010 or Replication Manager can be used

D. To create Custom backup scripts.

Correct Answer: A

QUESTION 12

Refer to the exhibit.



What would you see if you place your cursor on the bottom left of the horizontal axis (green section) of the graph in Tier Advisor?

A. Recommended capacity and throughput utilization for the EFD tier

B. Recommended capacity and throughput utilization for the SATA tier

C. Recommended capacity and throughput utilization for the FC tier

D. Recommended capacity and throughput utilization for the entire configuration

Correct Answer: C