

EMC

Exam E20-616

Symmetrix Installation and Troubleshooting Specialist Exam

Version: 7.0

[Total Questions: 113]

Question No : 1

What is the maximum amount of cache that can be configured in a Symmetrix VMAX 20K?

- A. 128 GB / engine
1 TB / array
- B. 128 GB / engine
512 / array
- C. 256 GB / engine
1 TB / array
- D. 256 GB / engine
2 TB / array

Answer: D

Question No : 2

Which component types are installed in a VMAX 10K Storage Bay?

- A. DAE, PDP, PDU, LCC
- B. DAE, PDP, PDU, SPS
- C. LCC, SPS, PDP, PDU
- D. DAE, FAN, PDU, SPS

Answer: A

Question No : 3

What is the maximum number of drives that can be configured in a Symmetrix VMAX 10K (959)/VMAXe with Standard DAE configuration?

- A. 3200
- B. 2400
- C. 1560
- D. 1080

Answer: D

Question No : 4

What is the maximum number of 3.5 inch drives that can be configured in a Symmetrix VMAX 20K?

- A. 2400
- B. 3200
- C. 1080
- D. 1560

Answer: A

Question No : 5

A customer using a VMAX 20K containing 2 high density storage bays, each containing 250 drives wants to expand their capacity with 100 drives.

What is the least expensive way to expand the existing configuration, but still a good choice for optimal performance in this configuration?

- A. Add two DAEs to each storage bay, each containing 25 drives
- B. Add four DAEs to the first storage bay, each containing 25 drives
- C. Add two storage bays, one to each loop and each bay containing 2 DAEs with 25 drives each
- D. Add one storage bay containing four DAEs with 25 drives each to the first loop

Answer: A

Question No : 6

A customer using a VMAX 20K containing 2 standard storage bays, each containing 90 drives wants to expand their capacity to 120 drives. What is the least expensive way to expand the existing configuration, but still a good choice for optimal performance in this configuration?

- A. Add four DAEs to each storage bay, each containing 15 drives
- B. Add eight DAEs to the first storage bay, each containing 15 drives
- C. Add two storage bays, one to each loop and each bay containing four DAEs with 15 drives each

D. Add one storage bay containing eight DAEs with 15 drives each to the first loop

Answer: A

Question No : 7

In a cascaded SRDF/EDP configuration, which device type is used as a cache only device?

- A. R21
- B. R22
- C. R11
- D. Standard Clone

Answer: A

Question No : 8

Which SRDF/A feature offloads from cache to a dedicated device pool?

- A. Delta Set Extension
- B. Write Pacing
- C. Transmit Idle
- D. SRDF Compression

Answer: A

Question No : 9

Which SRDF/A feature prevents cache overflow on either the R1 or R2 devices?

- A. Write Pacing
- B. Transmit Idle
- C. SRDF Compression
- D. Delta Set Extension

Answer: A

Question No : 10

Which set of interface types support hardware compression on VMAX 40K?

- A. 10 GigE and FC
- B. FC and FCoE
- C. FCoE and 10 GigE
- D. 1 GigE and FCoE

Answer: A

Question No : 11

Which set of VMAX interface types support software compression with SRDF?

- A. FC and 10 GigE
- B. FCoE and FC
- C. 10 GigE and FCoE
- D. Ficon and 10 GigE

Answer: A

Question No : 12

What is the status of the R1 and R2 devices after a SRDF Split operation is performed?

- A. R1 is Read-Write R2 is Read-Write
- B. R1 is Read-Write R2 is Read-Only
- C. R1 is Write Disabled R2 is Read-Write
- D. R1 is Read-Only R2 is Read-Write

Answer: A

Question No : 13

What is the status of the R1 and R2 devices after a SRDF Failback operation is performed?

- A. R1 is Read-Write R2 is Write Disabled
- B. R1 is Write Disabled R2 is Read-Write
- C. R1 is Read-Write R2 is Read-Only
- D. R1 is Read-Only R2 is Read-Write

Answer: A

Question No : 14

Which SRDF operation results in a suspended link?

- A. Split
- B. Swap
- C. Failback
- D. Restore

Answer: A

Question No : 15

Which two SRDF operations will result in a suspended link?

- A. Split and Failover
- B. Restore and Split
- C. Failover and Swap
- D. Split and Failback

Answer: A

Question No : 16

A new customer has purchased a VMAX 10K array. During implementation they explain requirements for one application that requires a point-in-time copy of the primary volumes every six hours, and retention for seven days. The change rate is expected to be low.

Which replication solution should be recommended?

- A. TimeFinder VP Snap
- B. TimeFinder/Snap
- C. RecoverPoint CDP
- D. TimeFinder/Clone

Answer: A

Question No : 17

A new customer has purchased a VMAX 40K array. During implementation they explain requirements for one application that requires a point-in-time copy of the primary volumes every 2 hours, and retention for three days. The change rate is expected to be low.

Which replication solution should be recommended?

- A. TimeFinder/Snap
- B. TimeFinder/Clone
- C. TimeFinder/VP Snaps
- D. TimeFinder/Mirror

Answer: A

Question No : 18

When using TimeFinder/Clone, when does the target device become read/write available to the target host?

- A. After Activation
- B. During the Create Session process
- C. After a full background copy completes
- D. Before Activation

Answer: A

Question No : 19

Which point-in-time protection mechanism is used by TimeFinder/VP Snap?

- A. Copy on Access
- B. Full Background Copy
- C. Pre-copy Option
- D. Copy on First Write

Answer: A

Question No : 20

In a VMAX 20K extended drive loop configuration also known as capacity configurations, what is the maximum number of engines you can install?





- A. 4
- B. 2
- C. 6
- D. 8

Answer: A

Question No : 21

You're a sales representative and trying to position VMAX for a customer environment.

The customer requirements are:

-  Maximum Performance
-  Large Scale Consolidation
-  Supports IBM System z & i
-  Up to 3,200 disks

Which family of VMAX would support these requirements?

- A. VMAX 40K
- B. VMAX 10K (959)
- C. VMAX 20K
- D. VMAX 10K (987)

Answer: A

Question No : 22

You are installing a VMAX 10K with dispersed System Bay.

Which length cables are required to provide back-to-back separation?

- A. 10M
- B. 25M
- C. 20M
- D. 3.6M

Answer: A

Question No : 23

You are installing a VMAX 40K with dispersed System Bay.

Which length cables are required to provide back-to-back separation?

- A. 25M
- B. 10M
- C. 3.6M
- D. 20M

Answer: A

Question No : 24

What is the maximum number of High Density Storage bays that can be configured in a VMAX 40k?

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

Answer: A