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QUESTION 1

A customer requests a performance review of their EMC VNX before FAST Cache is implemented. You notice a dedicated LUN has a read size of 4 KB, and the disks are performing reads of 4 KB and 16 KB. What is causing this behavior?

- A. Coalescing
- B. Pre-fetching
- C. Flushing
- D. Promotion

Correct Answer: B

QUESTION 2

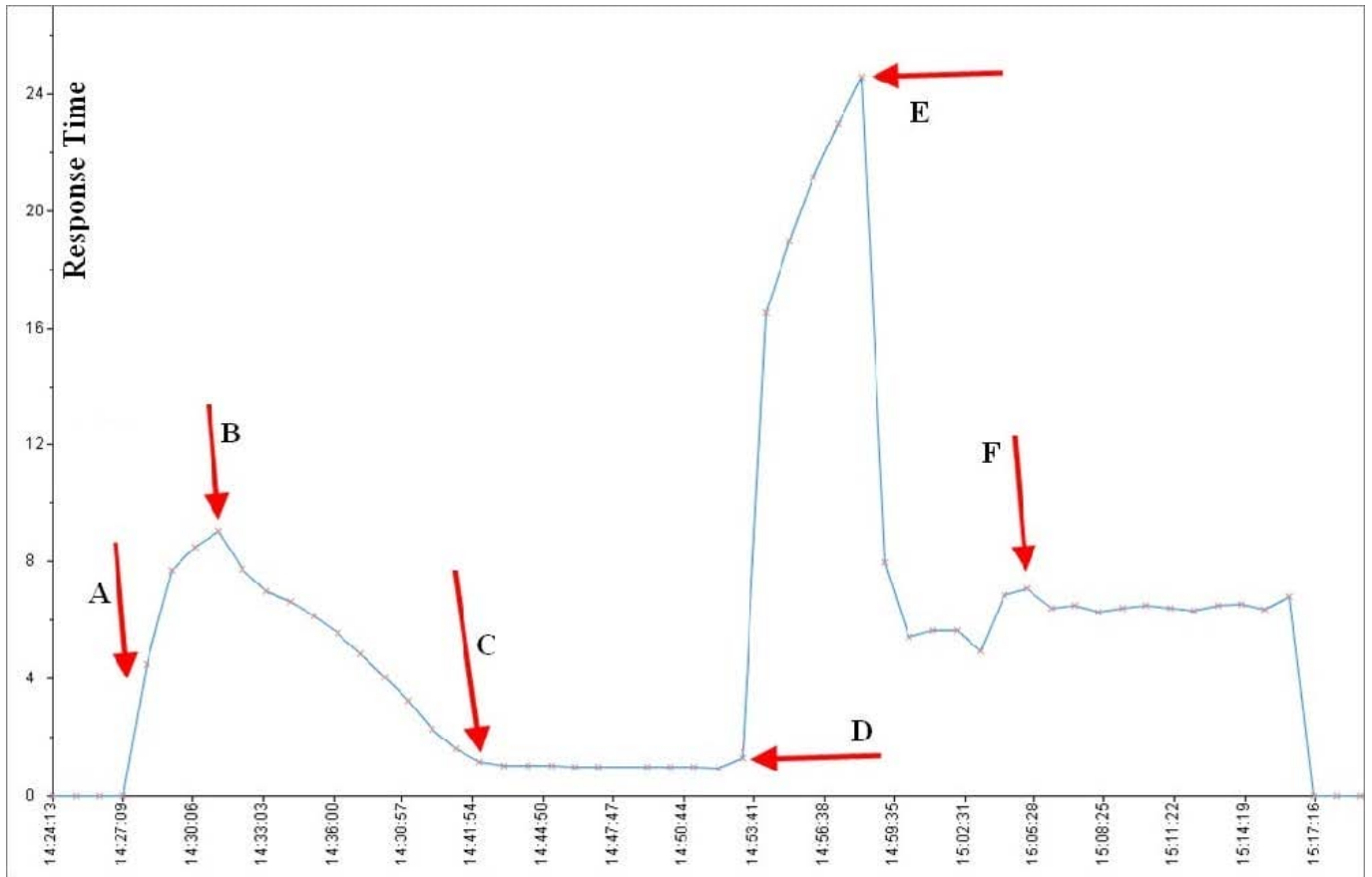
A customer plans to connect ESXi 5.0 hosts to a new EMC VNX array. They want to take advantage of the hardware-assisted locking feature in VAAI. Which is a feature of hardware-assisted locking?

- A. Locking at the block level of a logical unit
- B. Locking the LUN instead of the block level
- C. Accessing a block from multiple hosts at the same time
- D. Automatic enabling of safe data caching

Correct Answer: A

QUESTION 3

Refer to the exhibit.



You are implementing a new VNX and you are considering whether or not to use FAST Cache. You decide to test the effect on response times with and without FAST Cache.

At what point in the graph is FAST Cache turned OFF?

- A. D
- B. C
- C. B
- D. E

Correct Answer: A

QUESTION 4

Which RecoverPoint/SE volume type is used to track changes to the data during marking mode?

- A. Production journal
- B. Repository
- C. Copy journal
- D. All volumes in the replication set

Correct Answer: A

QUESTION 5

An implementation engineer installs a DR solution to protect ten CIFS servers at site A. VNX Replicator will be used to replicate these servers and their shares from Site A to Site B. How many Virtual Data Movers should be configured for the servers to be protected on Site A to ensure maximum portability?

- A. 5
- B. 10
- C. 20
- D. 1

Correct Answer: B

QUESTION 6

Click on the calculator in the upper left-hand corner.

An Exchange 2010 environment with 60% reads and 40% writes will be configured on an EMC VNX using RAID 1/0 15K SAS drives. The total I/O per second required is 3,000. Accounting for additional overhead for spikes, what is the number of spindles required?

- A. 32
- B. 24
- C. 30
- D. 28

Correct Answer: A

QUESTION 7

A customer recently installed vSphere ESXi 5.0 on a five host cluster attached to an EMC VNX using FCoE. EMC PowerPath/VE with a full license is installed on all hosts in the cluster. What is the default load balancing policy that will be used?

- A. Round Robin
- B. clar_opt
- C. No redirect
- D. Least_I/O

Correct Answer: B

QUESTION 8

A customer has DR solution with EMC VNX configured to use a One-to-Many replication topology for its file system environment. Their environment consists of the following:

One system in the main office (Source)

One system at a local DR site

One system in the East coast office

One system in the West coast office

One system in the Canadian office

Over the weekend they experienced a failure on the source system at the main office and failed over to the local DR site. On Monday, the source system was repaired and replication was restarted and reversed

from local DR site to the main office. How will replication occur to the remaining sites?

- A. Once the original site is synchronized, the replication will return to the original state.
- B. The additional sites must be manually re-synchronized through the CLI or GUI.
- C. The original source site will cascade the file system updates to the remaining sites.
- D. The DR site now becomes the source for all sites including the original source.

Correct Answer: C

QUESTION 9

You are planning an Exchange 2010 environment. The customer's environment has 500 users. On average, each user sends 90 and receives 60 messages daily. The average message size is 150 KB with 30 MB of logs per user per day. The Exchange administrator wants to retain five days of transaction logs. What is the minimum total log volume space that should be planned for?

- A. 125 GB
- B. 90 GB
- C. 225 GB
- D. 175 GB

Correct Answer: D

QUESTION 10

A customer has two EMC VNX configured to replicate between sites. Each VNX has dual Control Stations. The primary Control Station at the source site fails at 6 p.m. and reboots. At 8

- A. m., the customer completes DR testing and observes CIFS replication does not failover to the target site VNX. Why does CIFS replication not failover to the target VNX during the DR test?
- B. The control station of the primary VNX should have been failed back.
- C. The control station of the second VNX should have been failed over.
- D. The control station of the primary VNX should have IP bounding enabled.
- E. The control station of the secondary VNX should have IP bounding enabled.

Correct Answer: A

QUESTION 11

A customer recently added several new applications to an EMC VNX. Some of the new applications are experiencing very long response times. The customer suspects a high TCP retransmission rate is causing the long response times. How could the customer determine the TCP retransmission rate?

- A. $\% \text{ retransmissions} = (\text{retransmissions} / \text{packets sent}) * 100$
- B. $\% \text{ retransmissions} = (\text{packets sent} / \text{retransmissions}) * 100$
- C. $\% \text{ retransmissions} = (\text{retransmissions} * \text{packets sent}) / 100$
- D. $\% \text{ retransmissions} = (\text{retransmissions} * \text{packets sent}) * 100$

Correct Answer: A

QUESTION 12

Which LUN type presents more storage to an application than is physically allocated?

- A. Thick LUN
- B. Thin LUN
- C. RLP LUN
- D. Clone Private LUN

Correct Answer: B

QUESTION 13

A vSphere ESXi v5.0 administrator receives an alert that a VM (virtual machine) has been paused. What action should they take to resume this VM's operation?

- A. Add additional storage to the thin-provisioned storage of the VM.
- B. Restart a fractured MirrorView replication session on the VM's datastore.

- C. Restore a failed network link on the ESXi server\'s teamed network interface adapters.
- D. Ensure that one of the VM\'s applications is not pinned to a failed vCPU.

Correct Answer: A

QUESTION 14

A customer has successfully set up a MirrorView/A connection between two VNX arrays. After selecting a traditional LUN as the primary image LUN, the user receives an error when trying to add a secondary thin LUN image. What must the customer do to correct this problem?

- A. Add LUNs to the RLP on the secondary array.
- B. Create a Secondary Image with a traditional LUN.
- C. Add LUNs to the RLP LUN on the primary array.
- D. Configure the WIL LUN on both arrays.

Correct Answer: A

QUESTION 15

A customer asks you to design an EMC VNX for an Oracle database composed of 300 GB RAID 1 and 600 GB RAID 5 (4+1) drives. Which configuration provides maximum usable capacity balanced with reasonable performance?

- A. Place the Redo log and Archive log files on RAID 1. Place the Control and database files on RAID 5.
- B. Place the Control and database files on RAID 1. Place the Redo log and Archive log files on RAID 5.
- C. Place the Control, Redo log, and Archive log files on RAID 1. Place the database files on RAID 5.
- D. Place the database files on RAID 1. Place the Control, Redo log, and Archive log files on RAID 5.

Correct Answer: A

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