



# 1Z0-590<sup>Q&As</sup>

Oracle VM 3.0 for x86 Essentials

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**QUESTION 1**

As you are grouping workloads into server pools, you decide you want to use network traffic as one of your criteria. Which answer describes how Network QoS (Quality of Service) might apply?

- A. throttles (restricts) the inbound and outbound network traffic for a virtual machine vif
- B. throttles (restricts) the inbound and outbound network traffic for a physical network interface
- C. throttles (unrestricts) the inbound and outbound network traffic for a virtual machine vif
- D. throttles (unrestricts) the inbound and outbound network traffic for a physical network interface
- E. is not yet available with Oracle VM 2.2 but will be added in a subsequent release

Correct Answer: A

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**QUESTION 2**

When using NFS, what technology is used to control locking on the NFS mount?

- A. Oracle VM uses the same DLM (distributed lock manager) for NFS as it does for OCFS2 partitions.
- B. The standard NFS drivers are sufficient to properly lock files in an NFS repository.
- C. Oracle VM ships with the IO-EMU drivers, which provide proper locking for files on an NFS repository.
- D. Oracle VM ships with a DM-NFS server, which runs on the master pool server and handles distributed file locking for an NFS repository.

Correct Answer: A

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**QUESTION 3**

What is the effect of running a server pool restores?

- A. When you restore a server pool, all the data stored in the Oracle VM Manager database is deleted, and the data in the server pool master and virtual machine servers is used to restock the database.
- B. When you restore a server pool, all servers are removed from the pool, and the data in the database is removed, restoring the server pool to its initial state.
- C. When you restore a server pool, all the data stored in the server pool master will be deleted, and will be synchronized with the latest information from the Oracle VM Manager database. The server pool master is responsible for updating the individual Oracle VM servers' agent databases.
- D. When you restore a server pool, a signal is sent out to each server in the pool, which responds with the current state



of all of the virtual machines it hosts. This data is used to restore the data in the Oracle VM database.

Correct Answer: C

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#### QUESTION 4

A customer is running an existing server farm of open source Xen servers running the same version of Xen as Oracle VM 2.2. The customer would like to manage these servers with Oracle VM.

What is the best reason that this will not be possible?

- A. Oracle VM's Xen implementation uses a different disk format for virtual machines than open source Xen, so live migration of virtual machines will not work between the existing Xen implementation and Oracle VM.
- B. Oracle VM employs a layer of technology on top of Xen that enables remote management through Oracle VM Manager or Oracle Enterprise Manager. The existing Xen servers are incapable of communicating in this manner.
- C. Oracle VM uses a forked Xen distribution, so although the version numbers are the same, the behavior of the virtual machines at run time will be different.
- D. Oracle VM uses a highly proprietary protocol format for Live Migration that enables strong encryption. Standard Xen servers will not be able to live migrate to the Oracle VM servers, or vice versa.

Correct Answer: B

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#### QUESTION 5

A customer is setting up a 32-node Oracle VM server farm. What step will best help load balance the high number of I/O requests for new virtual machines and shared disks?

- A. Increase the number of Oracle VM Manager instances.
- B. Increase the number of servers with the Server Pool Master role.
- C. Increase the number of servers with the Utility Server role.
- D. Increase the number of servers with the Virtual Machine Server role.

Correct Answer: A