

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

Oracle VM 3.0 for x86 Essentials

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### QUESTION 1

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 2

What is the effect of running `repos.py` with the `--delete` option on an existing repository?

- A. The repository will be unmounted, and the virtual machines will remain on the unmounted volume.
- B. The repository will be unmounted, and all virtual machines on the unmounted volume will be deleted.
- C. The repository will be unmounted, and all virtual machines on the repository will be migrated to other available repositories.
- D. The repository will remain mounted, but all files in the volume will be deleted.
- E. The repository will remain mounted, but it will no longer be available using the `repos.py --list` command.

Correct Answer: B

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### QUESTION 3

A new shared virtual disk is created by the Administrator and placed in a group named Development. A user with Development as a group creates a new virtual machine but cannot see the new shared disk when trying to attach it using the Oracle VM Manager.

What is the problem?

- A. The virtual machine is hardware virtualized, not paravirtualized, and shared virtual disks are not visible to hardware virtualized guests.

- B. The user needs approval from the Administrator to see the shared disk, even though he is in the Development group.
- C. The Administrator needs to make the shared virtual disk public before it can be seen by members of the Development group.
- D. The user's virtual machine is not in the Development group.

Correct Answer: C

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#### QUESTION 4

What command will show the current status of all Oracle VM Agent components?

- A. service ovs status
- B. xm show ovs-agent
- C. service ovs-agent status
- D. repos.py -1
- E. xm dmesg

Correct Answer: C

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#### QUESTION 5

Which two statements describe Oracle Validated Configurations?

- A. Oracle Validated Configurations provide testing of a "complete component stack" and recommendations on versions, settings, and fixes for the particular stack (software, hardware, and storage) based on running workloads in Oracle's or a partner's test lab.
- B. Oracle Validated Configurations are a mandatory step in Oracle's certification process.
- C. Oracle Validated Configurations are working samples of hardware and software configurations in an Oracle VM environment.
- D. All validated configurations must be run in Oracle's lab.
- E. Oracle Validated Configurations are potential examples of hardware and software configurations whose specifications are validated by Oracle.

Correct Answer: E

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**QUESTION 6**

When setting up a server pool, enabling what option will persist the IP address of a server pool master after an HA failover?

- A. High Availability Mode
- B. Server Pool Virtual IP
- C. Live Migration
- D. O2CB service
- E. OCFS service

Correct Answer: C

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**QUESTION 7**

What two configuration files are associated with an OCFS2 cluster?

- A. /etc/ocfs2/cluster.conf
- B. /etc/sysconfig/ocfs2
- C. /etc/sysconfig/cluster.conf
- D. /etc/sysconfig/o2cb

Correct Answer: AD

```
D: # ls -la /etc/sysconfig/o2cb -rw-r--r-- 1 root root 873 Eyl 6 10:24 /etc/sysconfig/o2cb
```

```
A: root@ovm-node-dell ~]# ls -la /etc/ocfs2/cluster.conf -rw----- 1 root root 169 Eyl 6 10:24 /etc/ocfs2/cluster.conf
[root@ovm-node-dell ~]# cat /etc/ocfs2/ cluster.conf node: ip_port = 7777 ip_address = 172.16.0.10 number = 0 name =
ovm-node-dell cluster = ocfs2
```

```
cluster: node_count = 1 name = ocfs2
```

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**QUESTION 8**

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 9

When vitalizing a cluster of Windows 2003 servers on Oracle VM, which virtualization technique should be used?

- A. Use PV with Microsoft's Windows 2003 64-bit with a paravirtualized kernel
- B. Use HVM with a standard distribution of Windows 2003 and PV drivers.
- C. Use emulation with the IOEMU drivers for better I/O performance.
- D. Oracle VM does not support Windows 2003 Server. Use VirtualBox instead.
- E. Oracle VM does not support Windows 2003 Server. Use Containers instead.

Correct Answer: B

Explanation: I told you before about the HVM for Windows 2003

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#### QUESTION 10

A number of high priority virtual machines require significant file system access and you are trying to decide what type of memory impact on dom0 they will have. Which two are best practices you should consider for memory use in dom0?

- A. You should always run a find command on dom0 to fill the file system buffer cache for best performance.
- B. You should not run a find command on dom0 as it will use up Dom0 memory and potentially cause double buffering with virtual machines.
- C. When increasing load with additional virtual machines, you should always add more memory to dom0.
- D. When increasing load with additional virtual machines, you generally wont add more memory to dom0.

Correct Answer: AC

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#### QUESTION 11

An Oracle VM Server is continually losing its connection to the repository. What service is responsible for maintaining timeouts for the OCFS2 cluster stack?

- A. ocfs2
- B. o2cb
- C. ovs-agent

D. ovsrepositories

Correct Answer: B

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#### QUESTION 12

Which three are part of the JeOS toolkit?

- A. Linux command to customize the JeOS images and create the template
- B. JeOS license file
- C. Enterprise Linux JeOS images to use for the System.img
- D. Microsoft Windows JeOS images to use for the System.img
- E. Template reconfiguration scripts
- F. Red Hat Enterprise Linux JeOS images to use for the System.img

Correct Answer: ABE

Linux command is available to customize the JeOS images and for creating the template you will get a script which will allow to create the template so that template reconfiguration scripts will be the right answer and a license file should be there. So the correct 3 options I specified there.

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#### QUESTION 13

In Oracle VM 2.2.x, which subdirectory of the root repository is used to store virtual machines imported using the P2V tool?

- A. iso\_pool
- B. publish\_pool
- C. running\_pool
- D. seed\_pool
- E. sharedDisk
- F. ovs-agent

Correct Answer: C

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#### QUESTION 14

What requirements apply to shared storage on an HA Server Pool?

- A. Each server in the pool must have a connection to the shared storage, using NFS, iSCSI or a SAN. Either ext3 or OCFS2 should be used to format the shared file system.
- B. Each server in the pool must have a connection to the shared storage, using NFS, (SCSI or a SAN. Either gfs or OCFS2 should be used to format the shared file system.
- C. t least one server in the pool must have a connection to the shared storage, using iSCSI or a SAN. Either ext3 or OCFS2 should be used to format the shared file system.
- D. Each server in the pool must have a connection to the shared storage, using iSCSI or a SAN. Only OCFS2 should be used to format the shared file system when using iSCSI or a SAN.
- E. Each server in the pool must have a connection to the shared storage, using NFS, iSCSI or a SAN. Only OCFS2 should be used to format the shared file system when using iSCSI or a SAN.

Correct Answer: E

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#### QUESTION 15

What two steps are required to ensure that virtual machines failover to a new server when their current server goes down?

- A. Ensure that the Oracle VM Manager is always available by installing Oracle Clusterware.
- B. Turn on High Availability Mode in the server pool.
- C. Assign a virtual IP address to the server pool.
- D. Turn on HA in all virtual machines that will be restarted.
- E. Ensure all servers in the pool have identical CPU and memory.

Correct Answer: AB

Explanation: In the question two steps are required so that you have to answer two here. Oracle Clusterware Ensure that your server is going to be restarted facility and it will provide you the failover feature for you as well. You have to turn on HA Mode in the server pool.

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