# Oracle 1Z0-590 Exam

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Question No : 1
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

Answer: C


Question No : 2
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

Answer: A,B,E


Question No : 3
What are the correct steps for doing a V2V conversion?

A. 1. Copy the entire virtual machine directory for the guest to be converted to the seed_pool directory.
2. Open Oracle VM Manager to the Import Virtual Machines page.
3. Click the Import button and choose Select from Server Pool.
4. Select the server pool and virtual machine image name.

B. 1. Copy the entire virtual machine directory for the guest to be converted to the running_pool directory.
2. Open Oracle VM Manager to the Import Virtual Machines page.
3. Click the Import button and choose Select from Server Pool.
4. Select the server pool and virtual machine image name.

C. 1. Copy the entire virtual machine directory for the guest to be converted to the running_pool directory.
2. Open Oracle VM Manager to the Import Virtual Machines page.
3. Click the Import button and choose Linux/Windows V2V Import.
4. Select the server pool and virtual machine image name.

D. 1. Copy the entire virtual machine directory for the guest to be converted to the seed_pool directory.
2. Open Oracle VM Manager to the Import Virtual Machines page.
3. Click the Import button and choose Linux/Windows V2V import.
4. Select the server pool and virtual machine image name

Answer: B


Question No : 4
How can you tell that a virtual network interface in a virtual machine is set up to use Paravirtualization?

A. The vm.cfg file will have a xenbrX = [type=netfront] setting.

B. The vm.cfg file will have a vif = [type=netpv] setting.

C. The vm.cfg file will have a vif = [type=netfront] setting.

D. The vm.cfg file will have a xenbrX ttype=pvfront] setting.

E. The vm.cfg file will have a xenbrX = [type=netpv] setting.

Answer: C


Question No : 5
In a paravirtualized environment, which answer best describes the drivers that are used in domO and the guest to communicate network I/O requests?

A. A netback driver is used in dom0, and a netfront driver is used in the guest.

B. A native device driver is used in dom0, and a netback driver is used in the guest.

C. A netfront driver is used in dom0, and a native device driver is used in the guest.

D. A netfront driver is used in dom0, and a blkbck driver is used in the guest.

E. Native drivers are used in both dom0 and the guest.

Answer: E


Question No : 6
A low priority guest is using up more of the physical network traffic than desired. Select the two valid network QoS settings for restricting outbound network traffic?

A. [max_rate=lMb/s]

B. [rate=lMb/s@20ms]

C. [rate=250Kb/s]

D. [max_rate=unlimited]

E. [rate=250Rb/s, max rate=1Mb/s]

Answer: B,C


Question No : 7
When a domain is live migrated, what resources are migrated between the source and target servers?

A. First the VM files are migrated between the servers, then the memory, then the CPU registers.

B. First the VM files are migrated between the servers, then the memory.

C. First the memory is migrated between the servers, and then the CPU registers.

D. Only memory is migrated.

Answer: A

Question No : 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.

Answer: A


Question No : 9
What two steps are required to create a root repository in an Oracle VM server pool?

A. Use the repos.py command with the --new option, along with either a device path or an nfs path.

B. Use the repos.py command with the --new option, along with the UUID assigned to the repository.

C. Use the repos.py command with the--new option, along with the UUID assigned to the repository and a device path.

D. Use the repos.py command with the path. –root option, along with either a device path or an nfs path.

E. Use the repos.py command with the--root option, along with the UUID assigned to the repository.

Answer: A,E


Question No : 10
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.

Answer: E

Question No : 11
A customer wants to use hard partitioning with Oracle VM to restrict the number of cores that can be used by a virtual machine to four cores.
Which method will best accomplish that goal?

A. In Oracle VM Manager, set the maximum number of CPUs to 4.

B. Use the xm vcpu-pin command on the domain once it is up and running, using 4 for the CPUs parameter.

C. Modify the cpus line in vm.cfg to set the cpus to 0-3.

D. Use the xm vcpu-set command before the domain is up and running, using 4 for the CPUs parameter.

E. Modify the vcpus line in vm.cfg to read: vcpus=4.

Answer: E

Question No : 12
Networking is not working for several guests on a particular host. Which two commands can help troubleshoot the networking?

A. xm list -1 will show all of the network interfaces for all of the virtual machines, which can be used to see which bridge is having problems.

B. config_network.py -l will show which network interfaces are in use, and which are having problems.

C. brctl show will show the status of each bridge, and which VIFs are connected to it. This canthen be used to determine which bridge is having problems.

D. System-config-network will list the virtual interfaces, which can be inspected to see which are having problems.

E. ifconfig -a will show a list of all network interfaces and their current status, which will help determine which bridge is having problems.

Answer: D


Question No : 13
Which two descriptions best describe Oracle's support policy for Oracle products hosted on other vendors' x86 server virtualization products?

A. Oracle must have a vendor response agreement with the virtualization vendor before Oracle will respond to support calls for products running on their virtualization products.

B. Oracle will provide support for issues that are known to occur on the native OS.

C. Oracle may request that the problem be reproduced on the native hardware.

D. Both Oracle and the virtualization vendor must have a joint support process plan in place before Oracle will respond to support calls for products running on the vendor's virtualization products.

E. Oracle does not support any of its products on any non-Oracle virtualization platform.

Answer: B,D


Question No : 14
A RedHat Enterprise Linux installation with three installation CDs needs to be created. What is the proper way to set up the ISO images?

A. The ISO images should each be placed in their own subdirectory under/OVS/iso_pool.

B. The ISO images should be joined into one larger ISO image using the M75cat command, then placed under a subdirectory of/OVS/iso_pool.

C. The ISO images should all be placed under/OVS/iso_pool, using distinct names to differentiate them.

D. The ISO images should be placed in one subdirectory under/OVS/seed_pool, named according to the vendor and distribution name.

E. The ISO images should be placed in one subdirectory under/OVS/iso_pool, named according to the vendor and distribution name.

Answer: A

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Question No : 15
There is an issue booting into a virtual machine. The log files show that there is an issue during the Linux boot process of the guest. What two methods will best help determine the problem?

A. Use xm console to attach to the guest while it is booting and look for the specific error.

B. Run xm dmesg to see hardware errors in the guest.

C. Run xm info to see the list of devices being attached to the virtual machine.

D. xm block-attach the disk to another virtual machine to inspect the file system and check module loading issues.

Answer: A,B


Question No : 16
A virtual machine is copied onto portable media and transferred to another machine In a different server pool. The virtual machine is then run on the new host, but it falls to boot. What are two potential problems?

A. The virtual machine was not exported properly using the Oracle VM Manager.

B. The virtual machine configuration file needs to be changed to update the new paths to its virtualdisks.

C. The virtual machine configuration file lists bridges that do not exist on the new host.

D. The virtual machine has not been registered with Oracle VM yet.

Answer: A


Question No : 17
In Oracle VM 2.2.x, what directory will the root repository be symbolically linked to on each Oracle VM Server attached to a storage pool?

A. /OVS3

B. /var/ovs/mount/root

C. /var/ovs/mount/OVSROOT

D. /OVSROOT

E. /var/OVS

F. /opt/ovs

Answer: E


Question No : 18
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 bestperformance.

B. You should not run a find command on dom0 as it will use up Dom0 memory and potentiallycause double buffering with virtual machines.

C. When increasing load with additional virtual machines, you should always add more memory todom0.

D. When increasing load with additional virtual machines, you generally wont add more memory todom0.

Answer: A,C


Question No : 19
What component of Oracle VM Product is specifically responsible for the automatic failover process?

A. OCFS2

B. Server Pool Master

C. Oracle Clusterware

D. utility server

E. virtual machine server

Answer: C


Question No : 20
In hardware virtualized environment, which answer best describes the drivers that are used in dom0 and

the guest to communicate block I/O requests?

A. QEMU emulation is used in dom0, and a blkfront driver is used in the guest.

B. A native device driver is used in dom0, and QEMU emulation is used in the guest.

C. A blkfront driver is used in dom0, and a blkback driver is used in the guest

D. QEMU emulation is used in dom0, and a native device driver is used in the guest.

E. Native drivers are used in both dom0, and the guest.

Answer: A


Question No : 21
What is the correct sequence for importing a P2V image?

A. 1. Insert Oracle VM Manager disk into server to be converted.
2. Boot server and type linux p2v at the boot prompt.
3. Configure settings for virtual machine import.
4. In Oracle VM Manager, go to the Virtual Machine Images page and click on Import.
5. Enter information on the virtual machine, then give the IP address of the server to be imported

B. 1. Insert Oracle VM Manager disk into server to be converted.
2. Boot server and type linux p2v at the boot prompt.
3. Configure settings for virtual machine import.
4. Wait for the conversion to finish, then go to the Oracle VM Manager.
5. Enter information on the virtual machine, then give the IP address of the server to be imported.

C. 1. Insert Oracle VM Server disk into server to be converted.
2. Boot server and type linux p2v at the boot prompt.
3. Configure settings for virtual machine import.
4. In Oracle VM Manager, go to the Virtual Machine Images page and click on Import.
5. Enter information on the virtual machine, then give the IP address of the server to be imported.

D. 1. Insert Oracle VM Server disk into server to be converted.
2. Boot server and type linux p2v at the boot prompt.
3. Configure settings for virtual machine import.
4. Wait for the conversion to finish, then open a browser to the IP address of the server being converted.
5. On the page presented, select the server pool to be targeted.

Answer: C

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Question No : 22
If the server pool data on the server pool master is damaged or corrupted, what is the correct course of action to restore the server pool?

A. On each Oracle VM server, stop the agent, delete all files in /etc/ovs-agent/db, then restart the agent.

B. From the Oracle VM Manager, select the Server Pools tab and do a Restore operation on the server pool.

C. On the server pool master, stop the agent, delete all files in /etc/ovs-agent/db, then restart the agent.

D. From the Oracle VM Manager, select the server pool master on the Servers tab, and Reboot the server.

Answer: B


Question No : 23
When crating a repository on an iSCSI LUN, how should the LUN be formatted?

A. The LUN should be formatted with ext3 from every participating node in the cluster.

B. The LUN should be formatted with ext3 from a single node in the cluster.

C. The LUN should be formatted with OCFS2 from every participating node in the cluster.

D. The LUN should be partitioned, and then formatted with OCFS2 from every participating node in the cluster.

E. The LUN should be formatted with OCFS2 from a single node in the cluster.

Answer: D


Question No : 24
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