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LPIC-3 Virtualization & High Availability

LPI 304-200

Version Demo

Total Demo Questions: 10

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Topic Break Down

Topic	No. of Questions
Topic 1, Virtualization	72
Topic 2, High Availability Cluster Management	36
Topic 3, High Availability Cluster Storage	21
Total	129

QUESTION NO: 1

Which of the following components are parts of XAPI? (Choose TWO correct answers.)

- A. The XADB configuration management database.
- B. The XAPI virtual file system available at /xen.
- C. The xm command.
- D. The xe command.
- E. The xapi daemon.

ANSWER: D E

QUESTION NO: 2

Which of the following statements are true regarding Xen domains? (Choose TWO correct answers.)

- A. Fully virtualized and paravirtualized domains are managed using the same tools and commands.
- B. Xen domains of all types require virtualization extensions in the host system's CPU.
- C. All fully virtualized domains are called 'Dom0' while all paravirtualized domains are called 'DomU'.
- D. Both paravirtualized and fully virtualized domains may run on the same host system.
- E. Paravirtualized domains are significantly slower than fully virtualized domains.

ANSWER: A D

QUESTION NO: 3

How can data be shared between several virtual machines running on the same Linux-based host system?

- A. By mounting other VM's file systems from /dev/virt-disks/remote/.
- B. By using a network file system or file transfer protocol.
- C. By default, Linux-based virtualization products provide full access to the host system to all virtual machines.
- D. By setting up a ramdisk in one virtual machine and mounting it using its UUID in the other VMs.
- E. By attaching the same virtual hard disk to all virtual machines and activating EXT4 sharing extensions on it.

ANSWER: B**QUESTION NO: 4 - (FILL BLANK)**

Fill in the blank.

Which virsh subcommand is used to change the CD-ROM image file attached to a virtual machine? (Specify ONLY the subcommand without any parameters.)

ANSWER: change-media -or- virsh change-media -or- qemu-monitor-command -or- virsh qemu-monitor-command

Explanation:

QUESTION NO: 5

Which of the following tasks are parts of a hypervisor's responsibility? (Choose TWO correct answers.)

- A. Create filesystems during the installation of new VM guest operating systems.
- B. Provide host-wide unique PIDs to the processes running inside the VMs in order to ease interprocess communication between virtual machines.
- C. Map the resources of virtual machines to the resources of the host system.
- D. Ensure isolation and eliminate any interference between virtual machines.
- E. Manage authentication to network services running inside a virtual machine.

ANSWER: C D**QUESTION NO: 6**

Which of the following KVM monitor commands changes the image file in the first IDE CDROM drive of a virtual machine?

- A. change ide1-cd0 /tmp/linux.iso
- B. update ide1-cd0 /tmp/linux.iso
- C. set ide1-cd0=/tmp/linux.iso
- D. eject --reconnect ide1-cd0 /tmp/linux.iso
- E. disc file=/tmp/linux.iso,device=/dev/sr0

ANSWER: A

QUESTION NO: 7

Which options to the xl command will deactivate a running Xen virtual machine? (Choose TWO correct answers.)

- A. destroy
- B. remove
- C. shutdown
- D. stop
- E. halt

ANSWER: A C

QUESTION NO: 8

How does the command to add a new resource to a Pacemaker cluster using crm begin?

- A. crm manage cluster
- B. crm configure resource
- C. crm service add
- D. crm configure primitive
- E. crm resource new

ANSWER: D

QUESTION NO: 9

Which O2CB mode should be used for OCFS2 integration with heartbeat?

- A. user
- B. dlm
- C. heartbeat
- D. kernel

ANSWER: A

QUESTION NO: 10

Which file format is used by libvirt to store configuration data?

- A. INI-style text files
- B. Text files containing key/value pairs
- C. Java-like .properties files
- D. XML files
- E. SQLite databases

ANSWER: D