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LPIC-3 Virtualization & High Availability

LPI 304-200

Version Demo

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Topic Break Down

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Topic 2, High Availability Cluster Management	36
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QUESTION NO: 1 - (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: 2

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: 3

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

A. user

B. dlm

C. heartbeat

D. kernel

ANSWER: A

QUESTION NO: 4

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: 5

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: 6

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: 7

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: 8

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: 9

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: 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

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