

LPI

Exam 304-200

LPI Level 3 Exam 304

Version: Demo

[Total Questions: 10]

Topic break down

Topic	No. of Questions
Topic 1: Virtualization	7
Topic 2: High Availability Cluster Management	3

Topic 1, Virtualization

Question No : 1 - (Topic 1)

When used with KVM, which of the following block device image formats support snapshots?

- A. qcow
- B. dmg
- C. qed
- D. qcow2
- E. raw

Answer: D

Question No : 2 - (Topic 1)

Which of the following technologies is the most important component of IaaS clouds?

- A. Database replication
- B. DNS delegation
- C. Emulation
- D. Mandatory Access Control
- E. Virtualization

Answer: E

Question No : 3 - (Topic 1)

Which of the following tools is used to interact with XenStore?

- A. xenstore-ls
- B. xendo
- C. xs
- D. xl store
- E. xstore

Answer: A

Question No : 4 CORRECT TEXT - (Topic 1)

Which command is used to perform all central management and configuration operations regarding OpenVZ containers? (Specify ONLY the command without any path or parameters.)

Answer: vzctl, virsh

Question No : 5 - (Topic 1)

Which of the following commands lists the snapshots existing in the disk image vm1.img?

- A. qemu-info snapshots vm1.img
- B. qemu-img snapshot -l vm1.img
- C. qemu -hda snapshot -l vm1.img -nboot -list snapshots
- D. qemu-snapshots -l vm1.img
- E. qemu-monitor -snapshots -hda vm1.img

Answer: B

Question No : 6 - (Topic 1)

Which of the following statements is true regarding networking with libvirt?

- A. Libvirt's network functionality is limited to connecting virtual machines to a physical network interface of the host system.
- B. Libvirt networks appear, by default, as standard Linux bridges in the host system.
- C. Libvirt assigns the same MAC address to all virtual machines and isolates their network interfaces at the link layer.
- D. Libvirt requires a dedicated network interface that may not be used by the host system.
- E. Libvirt supports exactly one virtual network and connects all virtual machines to it.

Answer: B

Question No : 7 - (Topic 1)

Which of the following statements is true regarding VirtualBox?

- A. VirtualBox uses container-based virtualization and can only run virtual machines using the operating system of the host system.
- B. VirtualBox can only be run from a graphical desktop environment and not from the text console.
- C. VirtualBox provides special device drivers for several operating systems to enhance the virtual machine's performance.
- D. VirtualBox contains a hypervisor that runs independently from any other operating system on a bare metal host.
- E. VirtualBox is part of the vanilla Linux kernel and does not require any additional software installation on recent Linux distributions.

Answer: C

Topic 2, High Availability Cluster Management

Question No : 8 - (Topic 2)

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

- A. ccmd
- B. crmd
- C. fencer
- D. pengine
- E. keepalived

Answer: B,D

Question No : 9 - (Topic 2)

Which of the following Messaging Layers are supported by Pacemaker? (Choose TWO correct answers.)

- A. Heartbeat
- B. OpenAIS
- C. DRBD

- D. SCMP
- E. Slurm

Answer: A,B

Question No : 10 - (Topic 2)

How does high availability clustering relate to periodic storage backup? (Choose TWO correct answers.)

- A. Regular backups become generally unnecessary as any data loss or corruption is automatically recovered by the high availability cluster.
- B. Regular backups remain vital as they allow restoration of data that was accidentally deleted or corrupted.
- C. Regular backups may be reduced to the cluster configuration and cluster state data as this information is sufficient to recover any state of the cluster, including data, at any time.
- D. Backups should be located only on the local storage of the cluster and should not be backed up in order to prevent bandwidth congestion.
- E. Backup procedures may have to be adapted to the cluster to ensure complete and recoverable backups.

Answer: B,E