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## ANSWERS TO EVEN-NUMBERED EXERCISES

2. What is KVM?

KVM (Kernel-based Virtual Machine) is an open-source hypervisor that runs as part of the Linux kernel. It allows a program running in userspace (e.g., QEMU) to take advantage of hardware virtualization features of processors.

4. What is **libvirt**?

The **libvirt** library and management tool provides a consistent interface to create, monitor, and control VMs.

6. What is the purpose of VMware Tools? Do you need to install VMware Tools when running vmplayer on a Linux system? Why or why not?

VMware Tools is software that resides on the VM and improves the performance and functionality of, and the ease with which you can manage, the VM.

The Linux **open-vm-tools** package holds an open-source implementation of VMware Tools. Because VMware has merged the functionality of VMware Tools into the kernel and **open-vm-tools**, you do not need to install VMware Tools on a Linux VM when **open-vm-tools** is installed.

8. What is the virt-manager utility?

The virt-manager utility is a graphical user interface that you can use to manage virtual machines. It is based on **libvirt** and typically manages QEMU/KVM VMs, although it can manage many different types of VMs.