Red Hat System Administration I

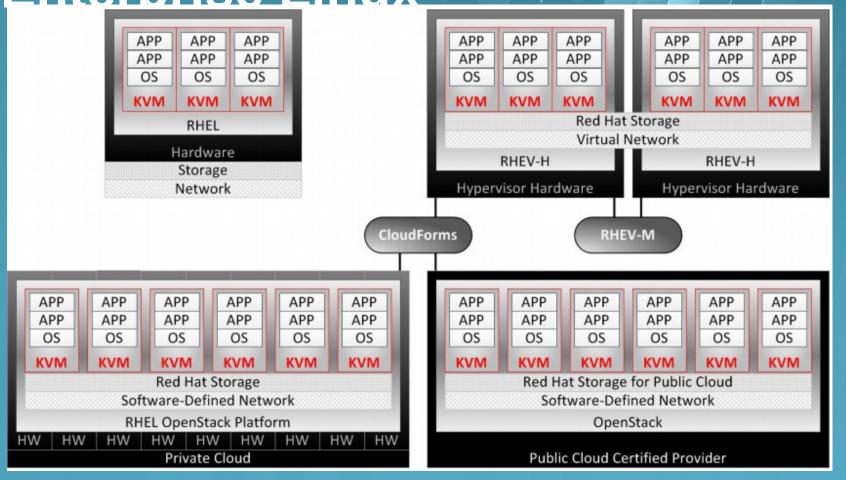
UNIT 15

Using Virtualized Systems

Objectives

- Install a Red Hat Enterprise Linux system as a host for running virtual machines.
- Perform an interactive install of Red Hat Enterprise Linux on a virtual machine.

System virtualization and Red Hat Enterprise Linux



INSTALL VIRTUAL

- grep --color -E "vmx|svm" /proc/cpuinfo
- yum install qemu-kvm qemu-img
- yum install virt-manager libvirt libvirtpython python-virtinst libvirt-client

Managing virtual machines

- virsh list
- virsh destroy server
- virsh list --all
- virsh start server
- virsh stop server

more command for virsh

Purpose	virsh subcommand
Boot an existing configured virtual machine	start
Immediately stop a virtual machine, similar to unplugging it	destroy
Delete the configuration for a virtual machine permanently	undefine
Use an XML configuration to create and boot a virtual machine	create
Use an XML configuration to create a virtual machine	define
Gracefully stop and restart a virtual machine	reboot
Gracefully stop a virtual machine	shutdown

how to install virtual machines

