Control Qustions:

1. A hypervisor or virtual machine monitor is a computer program or processor hardware that enables the simultaneous and parallel execution of multiple virtual machines, each running its own operating system. There are two types of hypervisors, the hypervisor of the first type is easiest to perceive as a specific compact operating system that is installed directly on a PC and has the main features of an OS, and hypervisors of the second type are programs that allow you to create virtual machines on their main OS

2. Virtual box makes it possible to use it as a training machine, clone an existing machine in the hypervisor, manage the network, allocate PC resources for their use, also has the functionality of creating virtual networks to work with them, without of that you can clon existing OS, which you have installed recently, also has built-in drivers in a virtual disk image that can be downloaded and use on most of the currently existing operating systems the full functionality of a virtual machine

1 1. You need to download Virtual Box and ISO image of the system

2 Create a virtual machine in the hypervisor, assign machine resources, create a virtual hard disk, assign a system image, the Internet, and start the machine

3. Install and start working

2. A 64-bit computer architecture provides higher performance than a 32-bit architecture by processing twice as many bits of information in the same clock cycle. A computer with a 32-bit processor can only run a 32-bit operating system and 32-bit software. But a computer with a 64-bit processor can run both 64-bit and 32-bit operating systems and software.

3 It is necessary to select the packages to be installed, partition the disk, connect the PC to the network, enter the login for logging in to the system and the password, as well as the keyboard layout and the desire or unwillingness to install GRUB, after that it is desirable to update the system using the terminal commands sudo su, apt-get update && apt-get dist-upgrade -y

4. sudo su

Apt-get update && apt-get dist-upgrade -y

Apt-get install ubuntu-desktop or apt-get install kde

Select the gdm3 or lightdm login manager and press Enter: Linux Settings.

Sudo reboot

5 As Linus Torvalds said about Gnome, it is an environment for idiots and its creators also consider the user an idiot, which I agree with, an inconvenient application selection window, requiring as many resources as KDE, but the design is much worse, the left inconvenient taskbar

Jwm - a more convenient working environment similar to Windows 7 in some sense, a convenient taskbar and generally an interesting interface