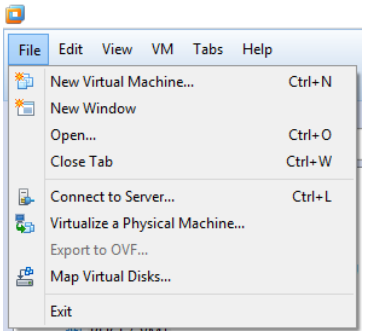
Shiba R. Tamrakar (shibaratna@gmail.com), www.shiba.com.np
RHCE, CEHv7, DB2 Associate, Facebook

Installing CentOS in VMWare Workstation/Player

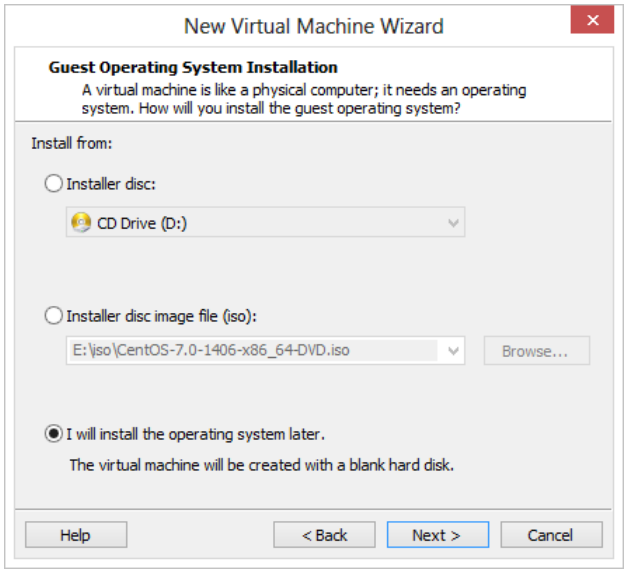
Creating Virtual Machine (VM) in VMware Workstation.

Step 1: Choose File -> New Virtual Machine

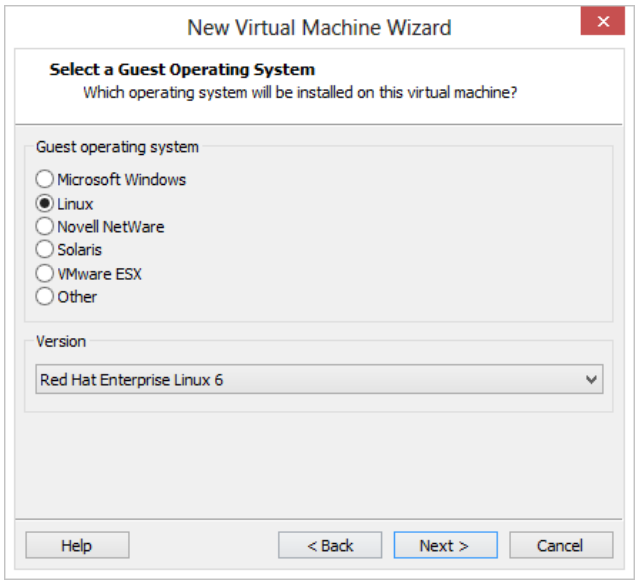


Step 2: Choose mode to installation, normally you can choose Typical.

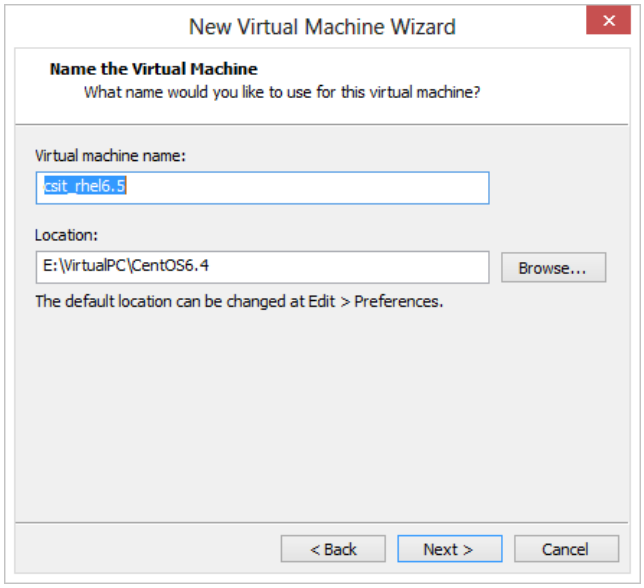
Step 3: Choose Installation Media. In follow example 3rd option is chooses. Which mean installation media will be chosen later on for installation. Thus, not automatic installation of OS will occur.



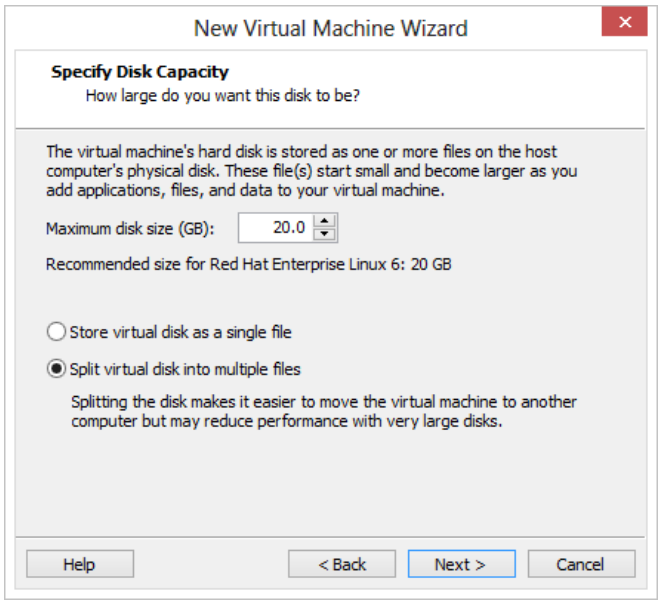
Step 4: Select the type of OS you want to install. Since we are trying to install Redhat Enterprise Linux 6, we choose Linux and then choose Red Hat Enterprise Linux 6 as version.



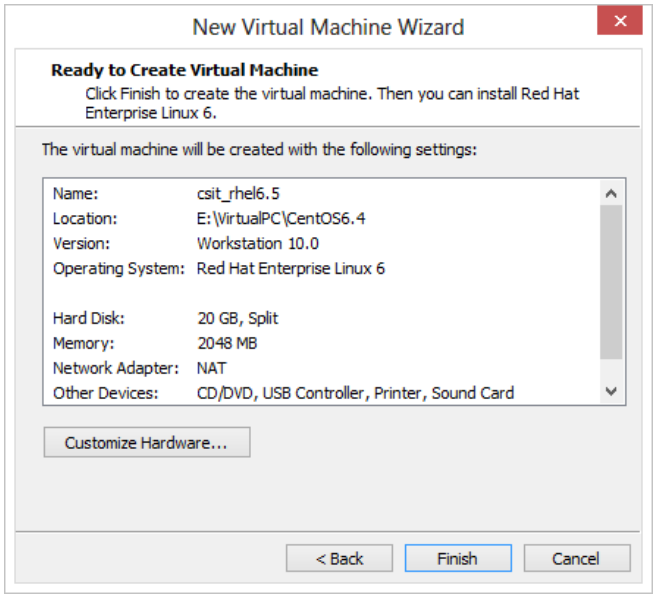
Step 5: Choose Virtual Machine (VM) Name and folder where created VM will be saved.



Step 6: Select Disk size which will be total disk size available for Linux. In following example 20GB is chosen which enough for our purpose and Split virtual disk into multiple files are chosen. If you choose store virtual disk in single file, performance of the VM will be better, however it will be difficult to move/copy files with FAT32 formatted disk or DVD discs.

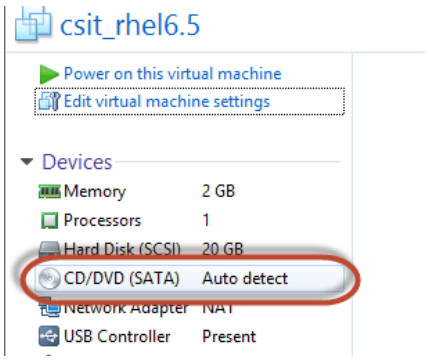


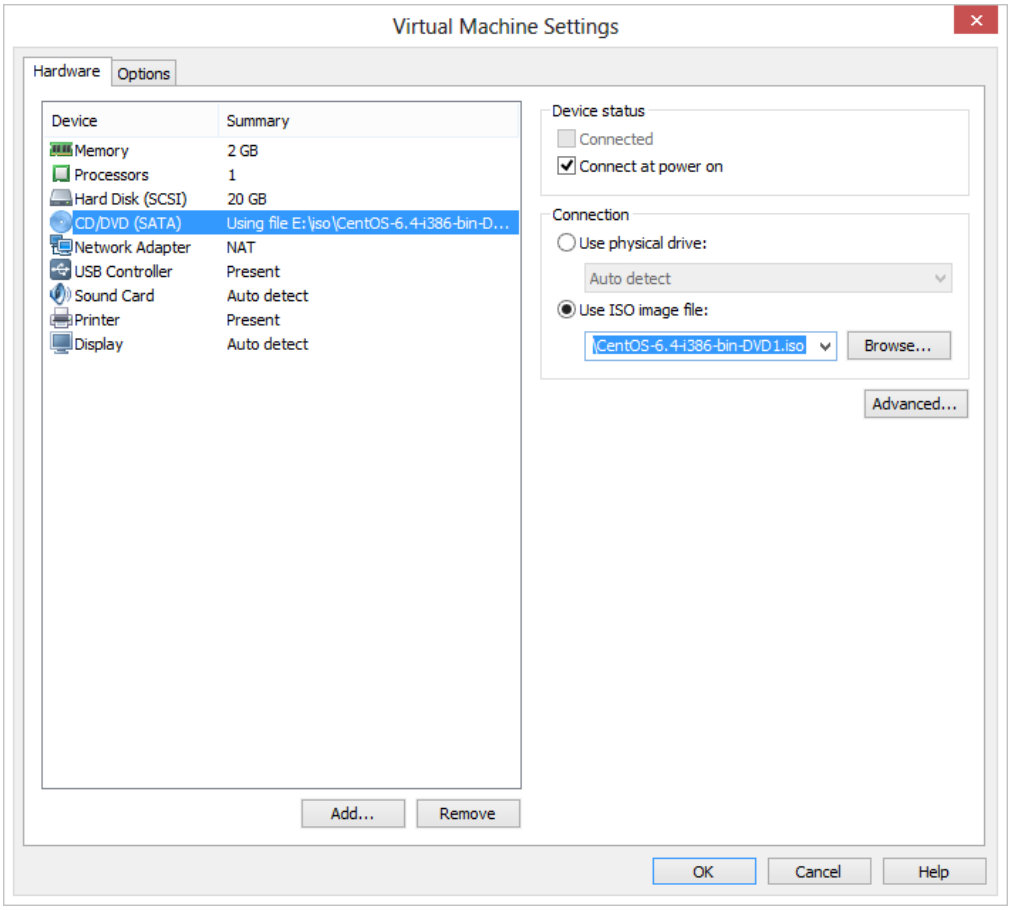
Step 7: If require you can change setting in following window. Otherwise click to Finish button.



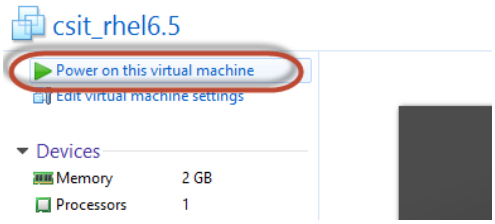
Starting Virtual Machine (VM)

Step 1: Choose Installation Media. Double click to CD/DVD(SATA) and choose installation media. In our case we are choosing ISO image file, and choose browser to locate ISO image of CentoOS 6.4. and click to OK.



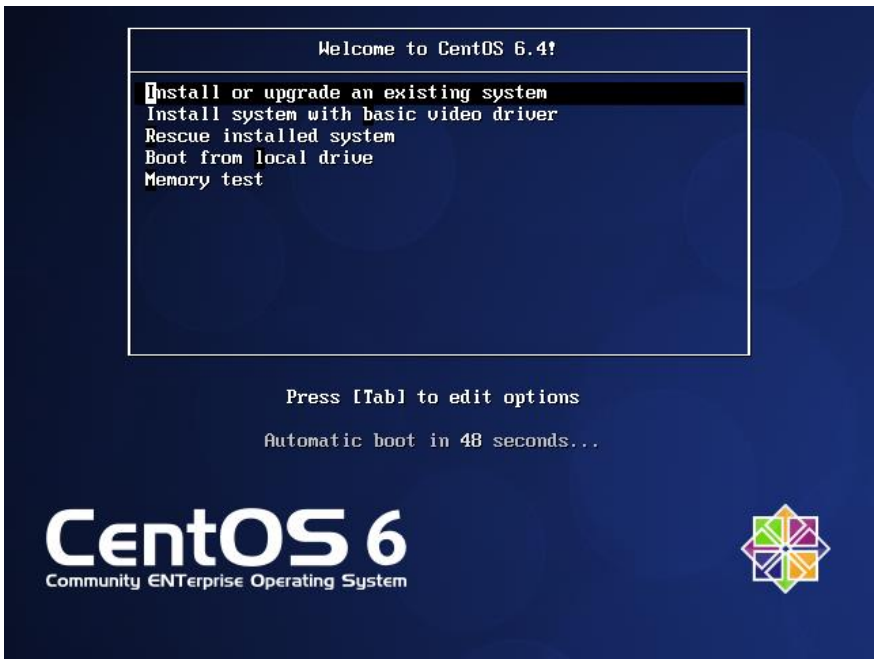


Step 2: Click to "Power on the Virtual Machine" to start virtual machine.



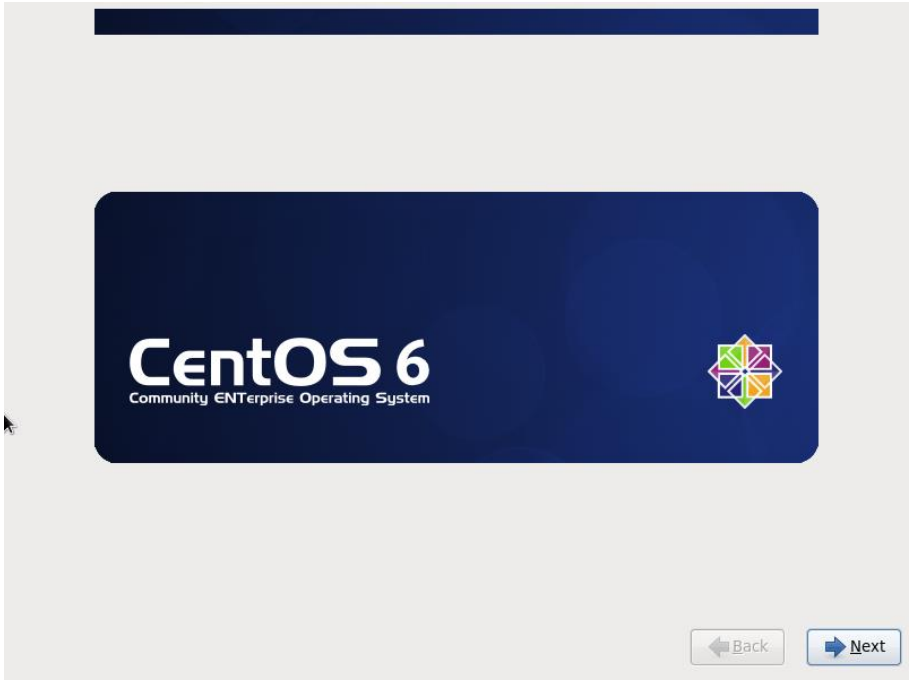
Installing CentOS 6.4

Step 1: As soon as you start VM, following screen will be displayed. Just click to Install (1st option)



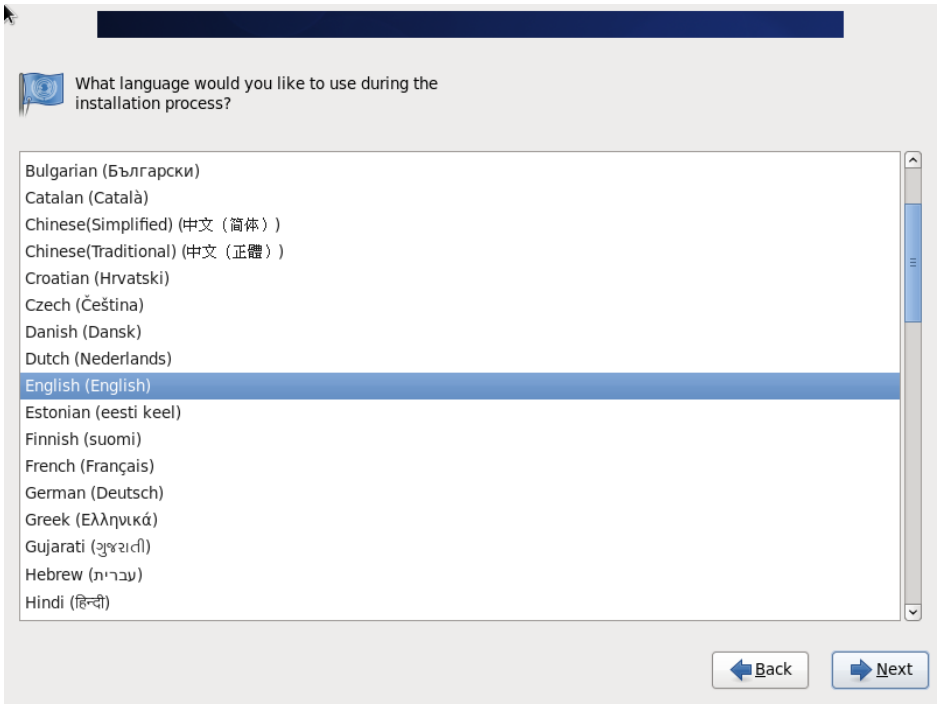
Step 2: Choose Skip. (We are using ISO so no need to check if our CD/DVD ROM is damaged or not.)

Step 3: Choose Next



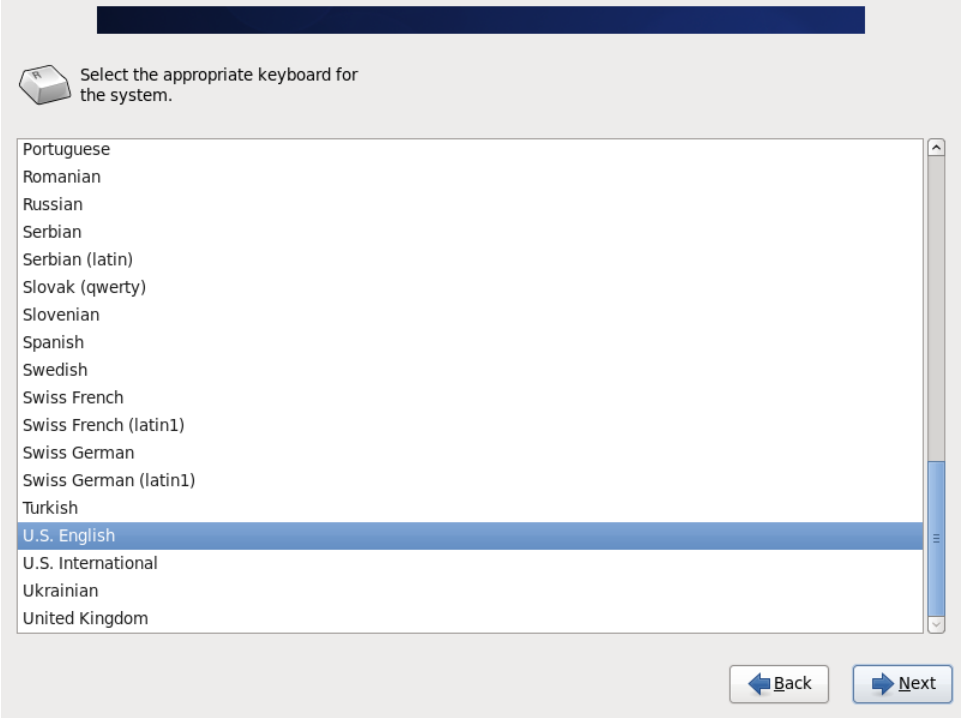
Step 4:

Select English and Choose Next (If you want to change Language setting, you can do it here.)

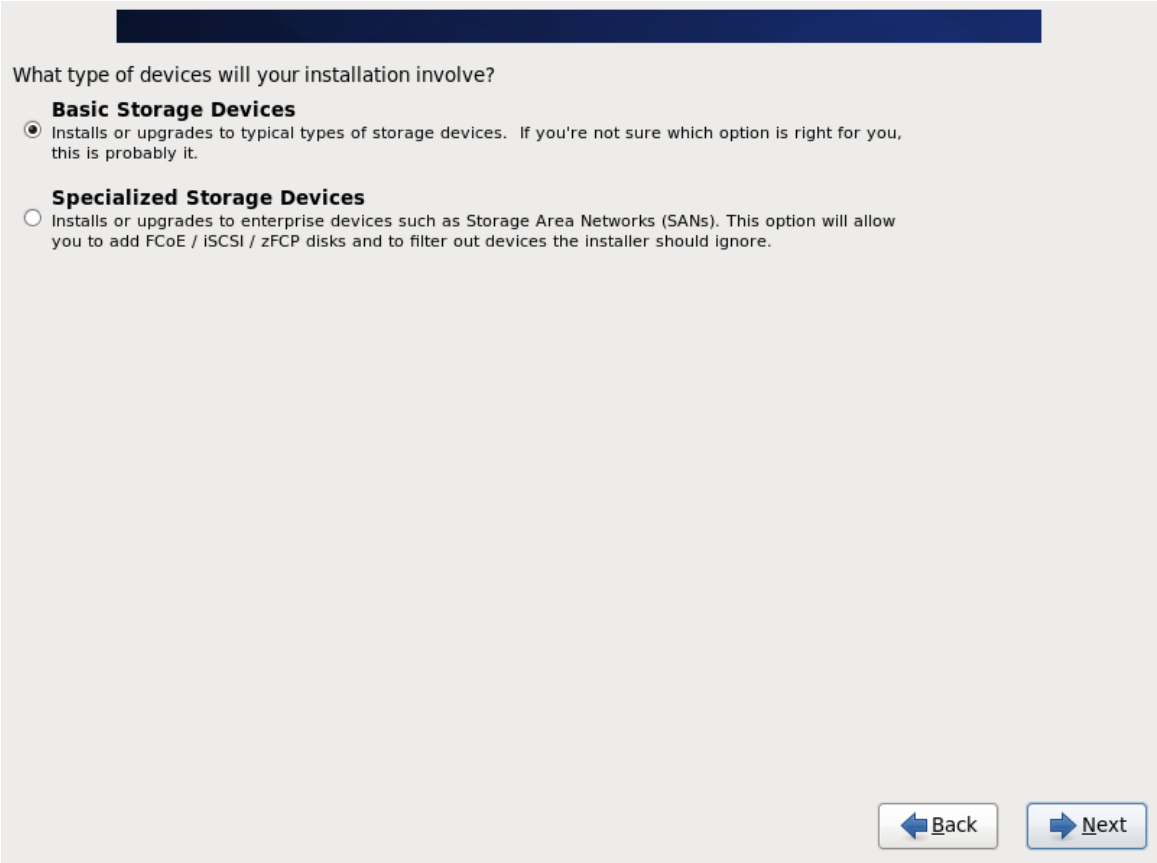


Step 5:

Choose Keyboard Layout, In our case we use U. S. English based keyboard so just click to Next.

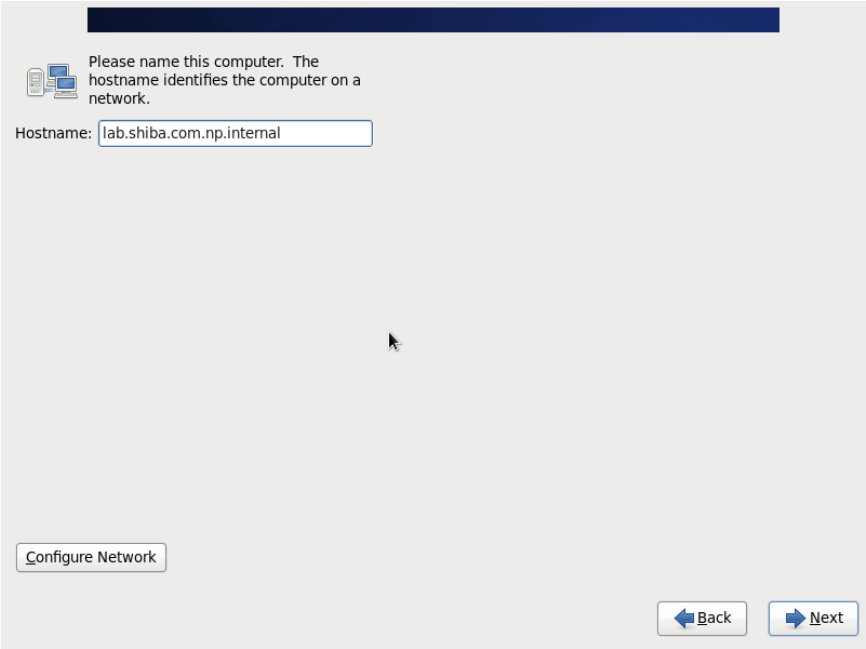


Step 6: Since we are not dealing to SAN Storage system just choose 'Basic Storage Devices' and click to next.

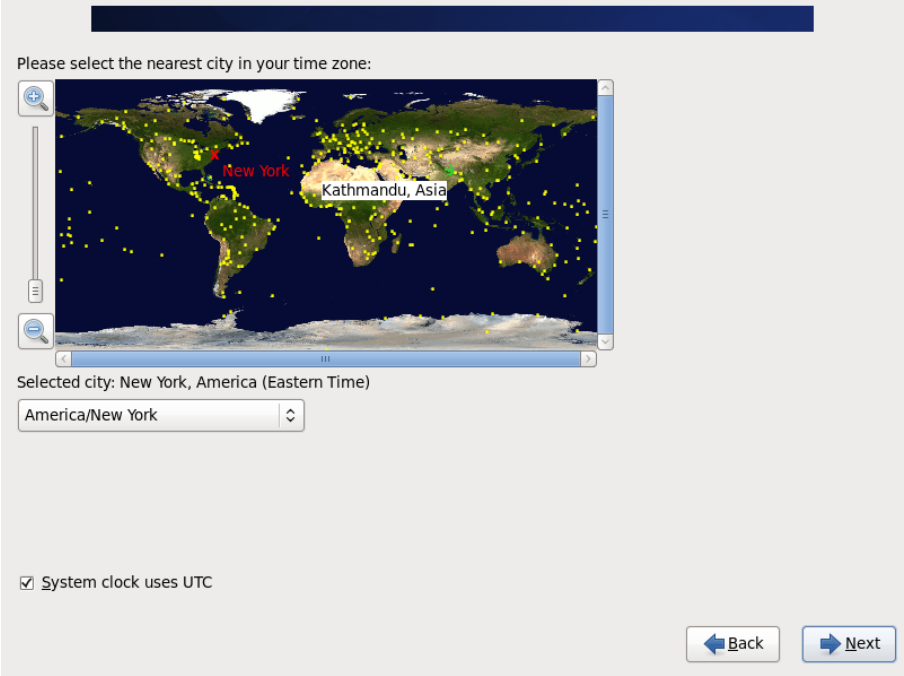


Step 7: It will display a Warning messaing stating that all your data will be lost. We have just created the virtual disk in our VM so we don't have data. Just choose 'Yes, discard any data'

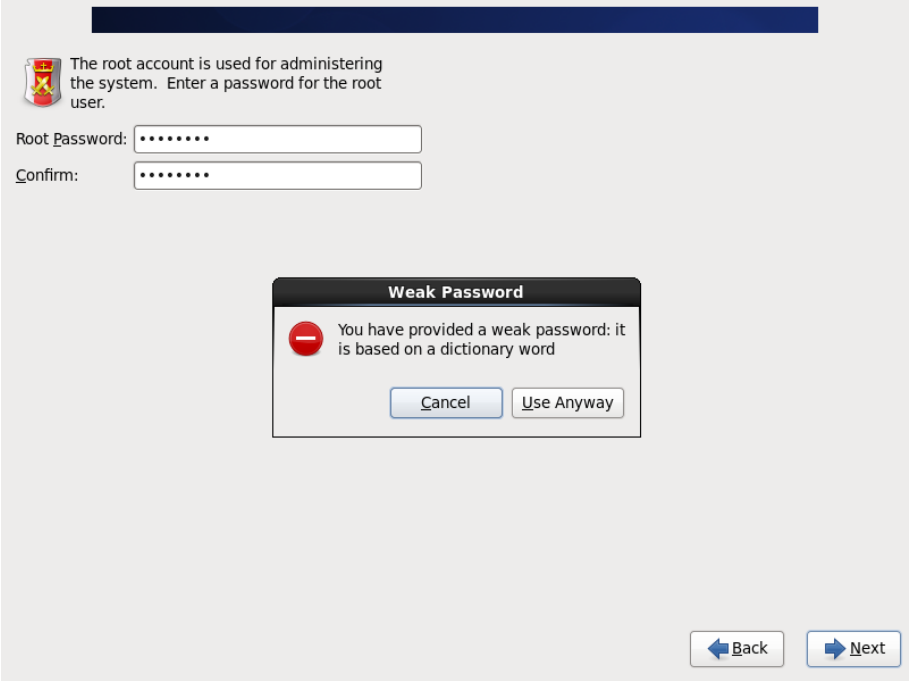
Step 8: Set Hostname, it may be any. In our case I choose lab.shiba.com.np.internal, where lab is host name and shiba.com.np.internal is domain.



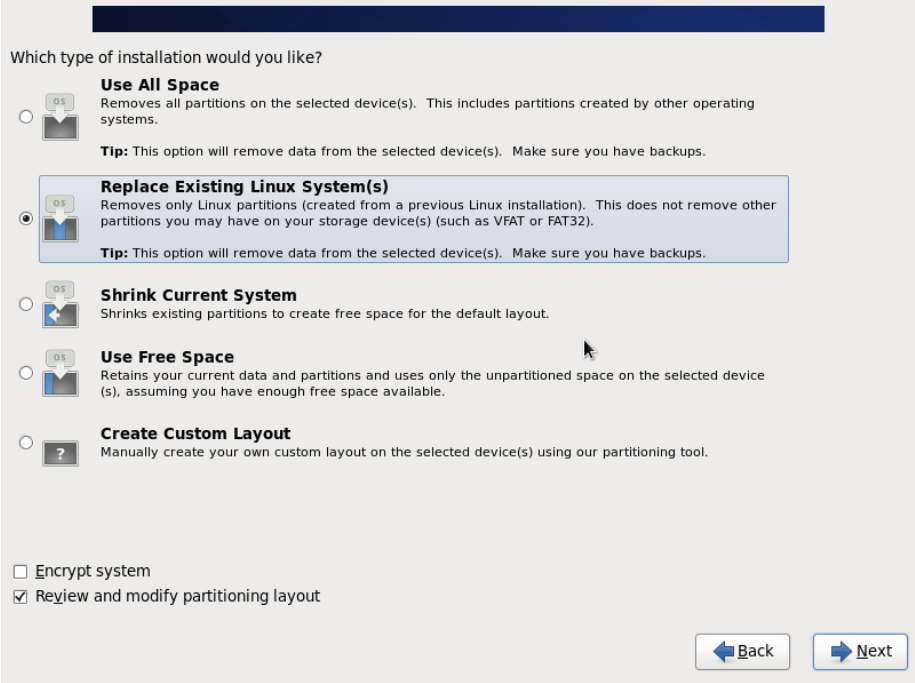
Step 9: Select time zone by clicking on the map. Hover the mouse until you fine your country/city and click to select.



Step 10: Next, you need to assign root password. root is a super user (administrator) in Linux. If you give weak password it will prompt you a warning message, just choose "Use Anyway" button.

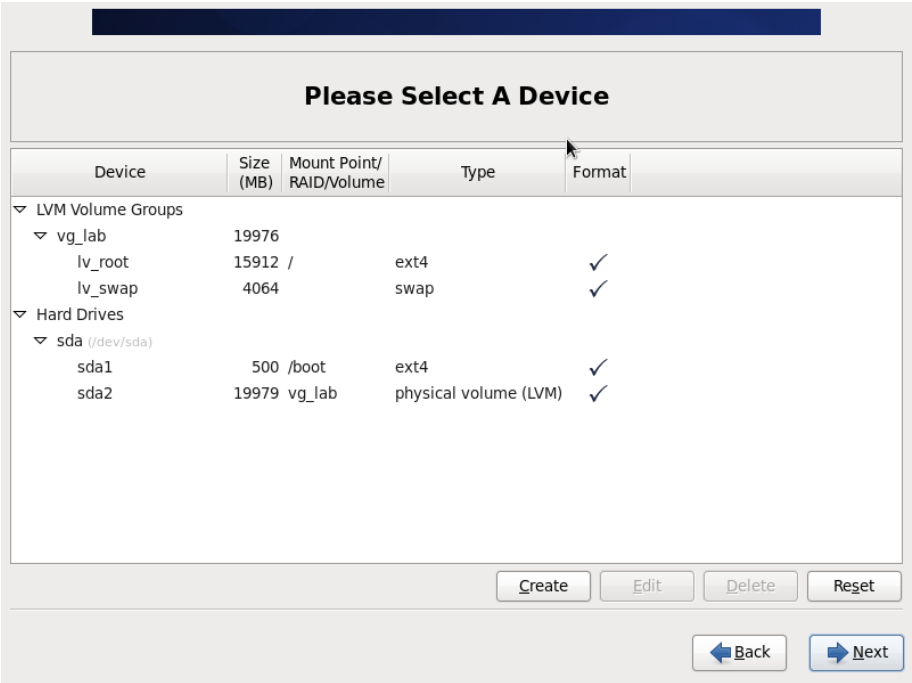


Step 11: We don't have any existing OS so choose default. If you are working in dual boot system with Windows pre-installed choosing "Replace Existing Linux System(s)" is safe choice to select. Click next.

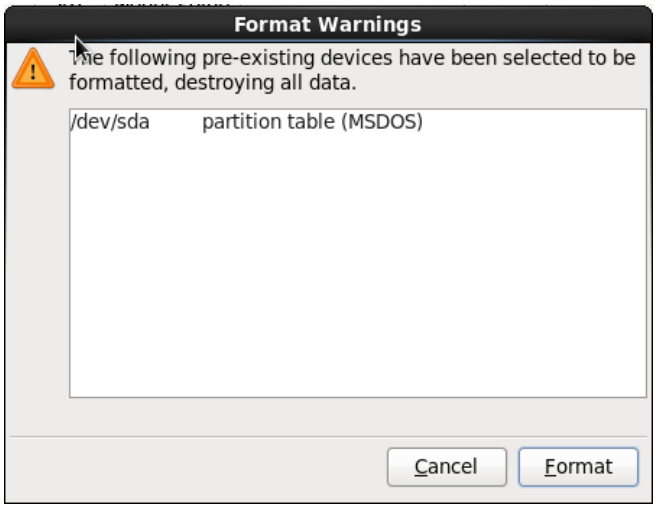


Note: If you are familiar with Linux partitions and want to create your own partitions. Choose "Create Custom Layout" and create partitions of size you desire.

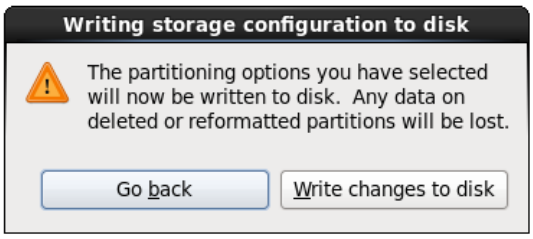
Step 11: If you want to customize you can edit in created partition in following screen. And click to Next.



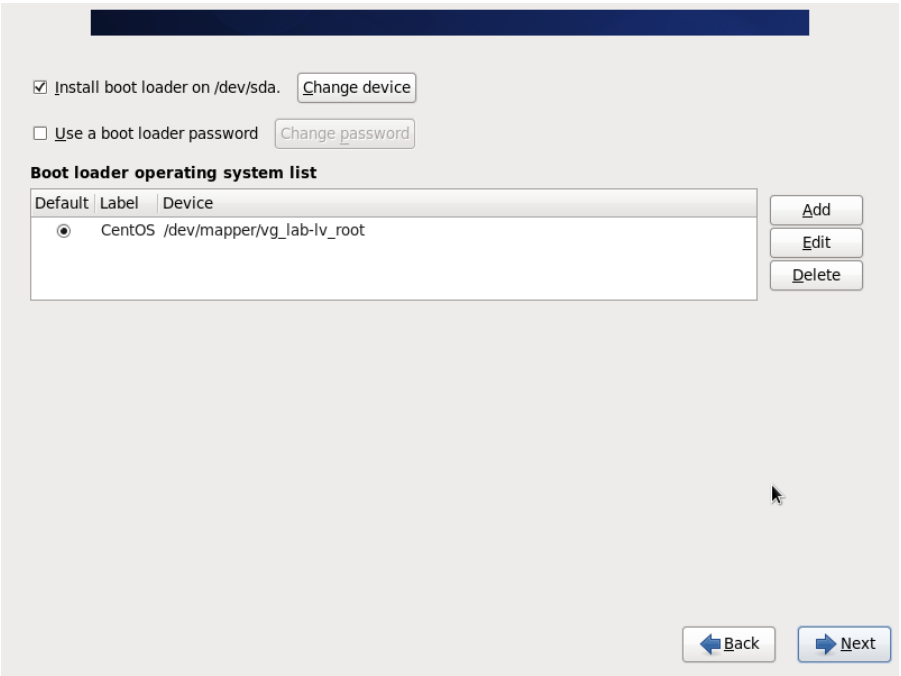
Click to format in following warning message:



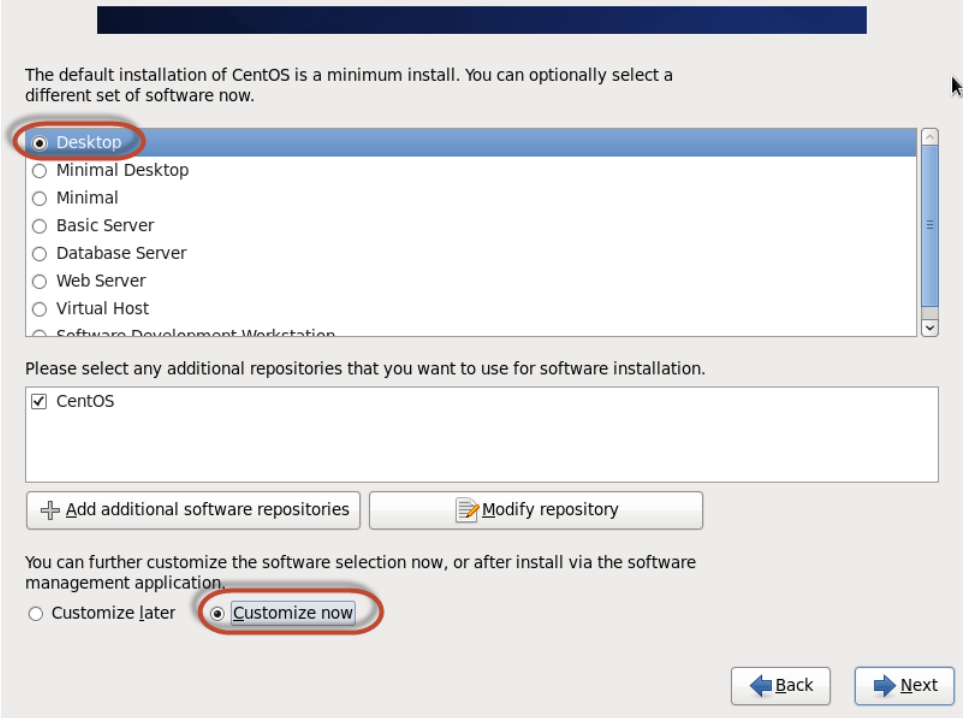
And, Choose "Write changes to disk"



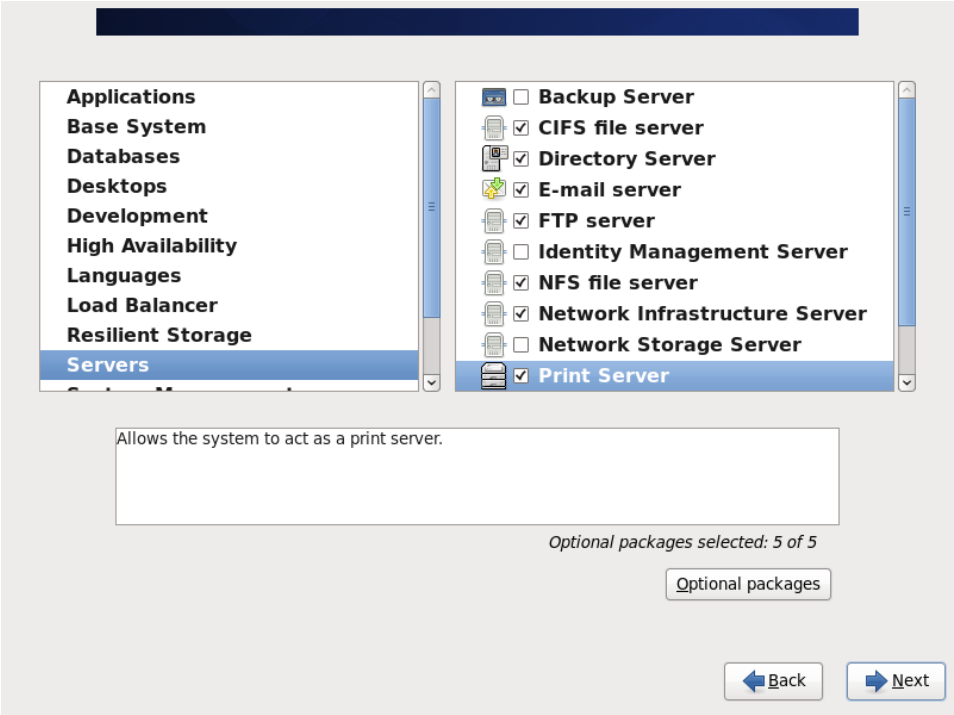
Step 12: In this section you may choose to install or not install boot loader (GRUB) in hard disk. Similarly, you can set password to be used for recovering from GRUB. For now I choose to lease all setting as it is and clicked to Next.



Step 13: In this section, you need to choose the installation selection. If you are installing for workstation choose Desktop, otherwise you can choose any other option as per your server requirement. I choose Desktop and also customize now to install additional server software for our lab.



In customize section, I have selected following software in servers section.



Step 14: Installation in Progress.

Step 15: Installation competed, click to reboot.