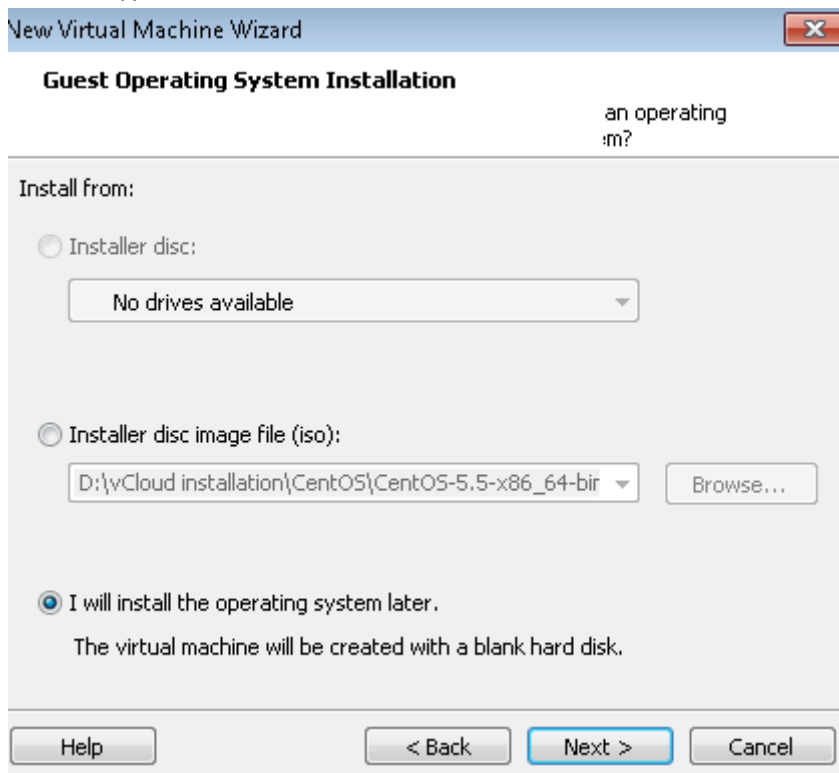


Step by Step installation of CentOS 5.5 in VMware Workstation 7.1

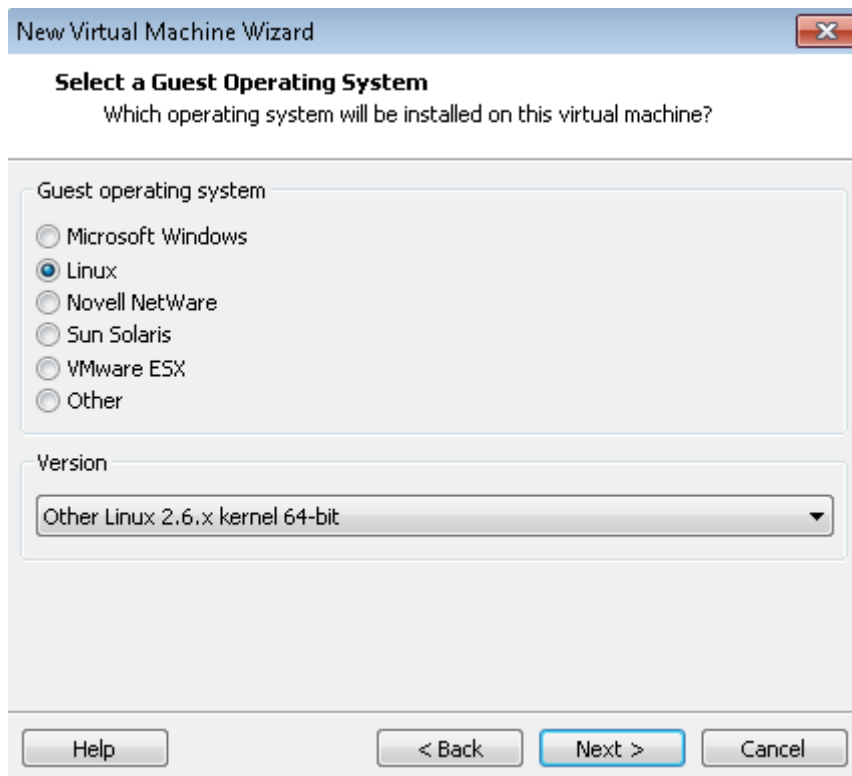
After we've downloaded the ISO, we need to start VMware Workstation. Go to File – New – Virtual machine (the following window will popup)



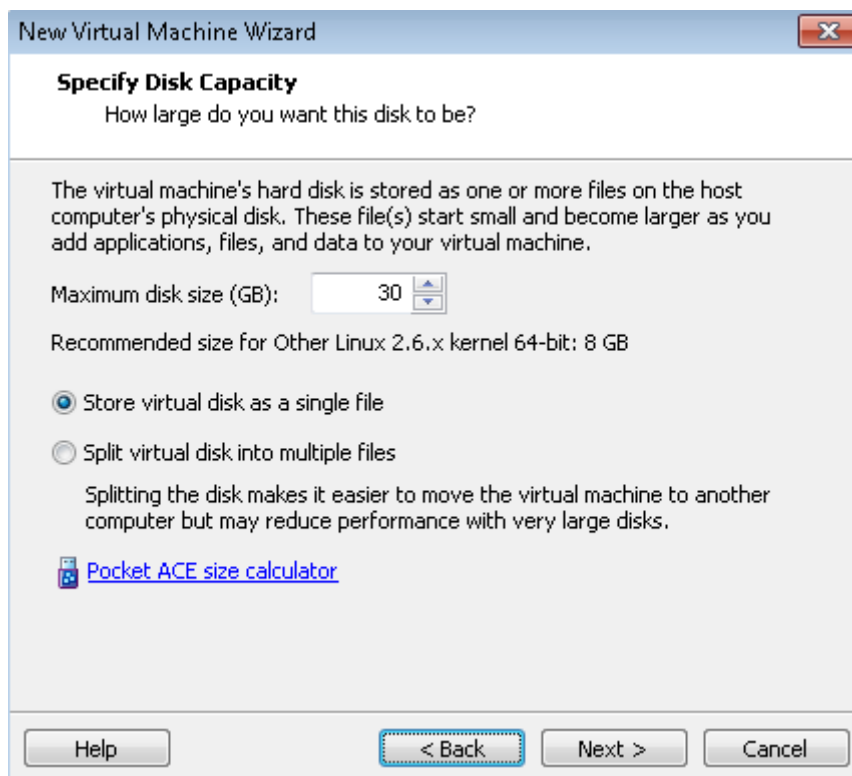
Choose Typical and click next.



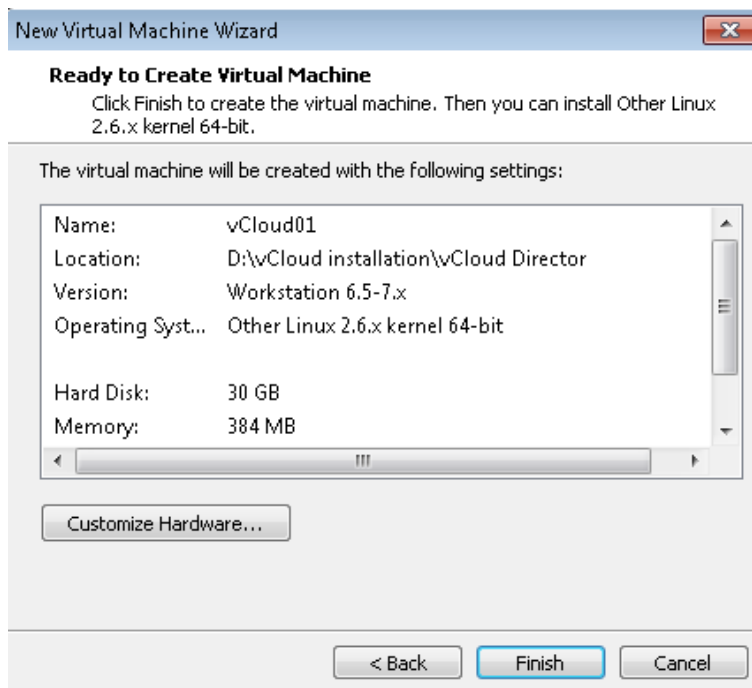
Choose → I will install the operating system later, and click next.



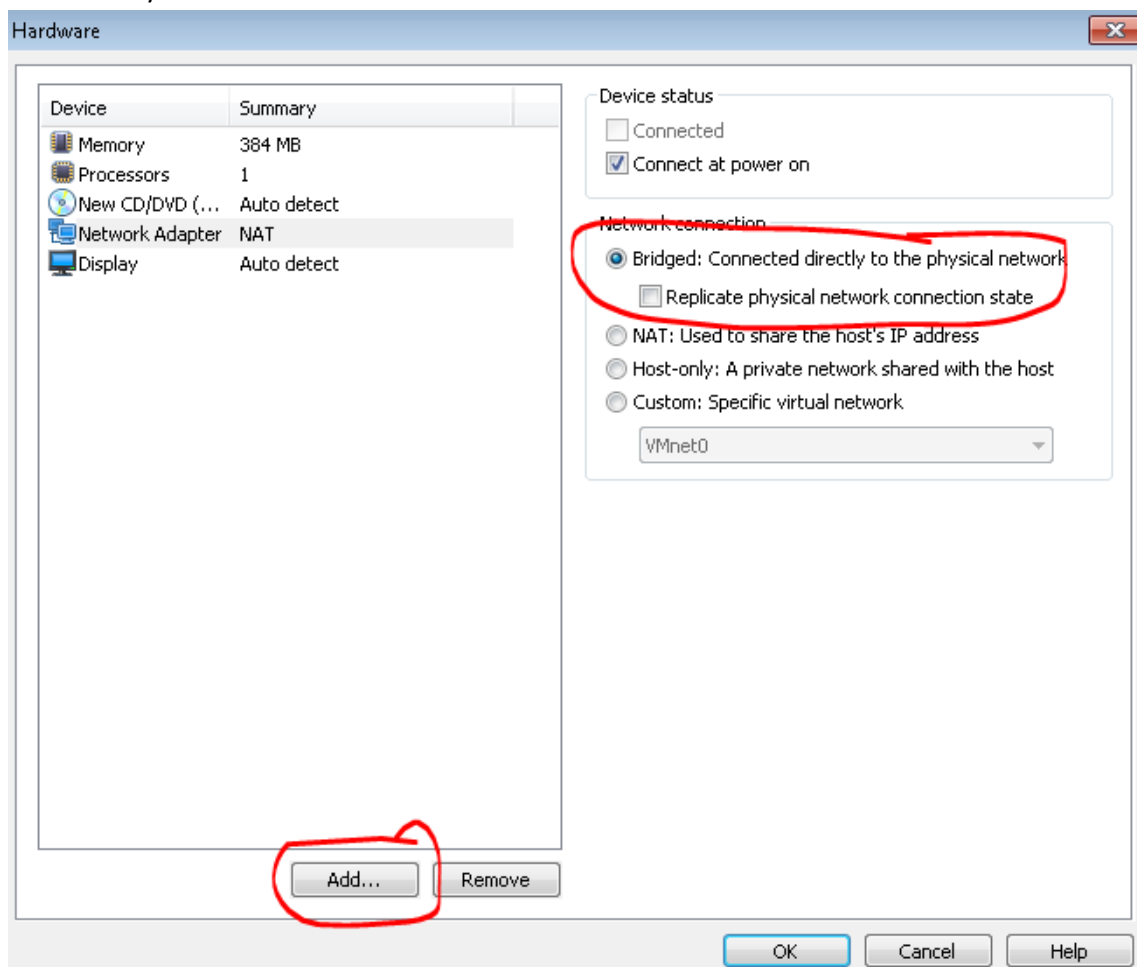
In the Select a Guest operation System window, select Linux and Other Linux 2.6.x kernel 64-bit as Version and click next.



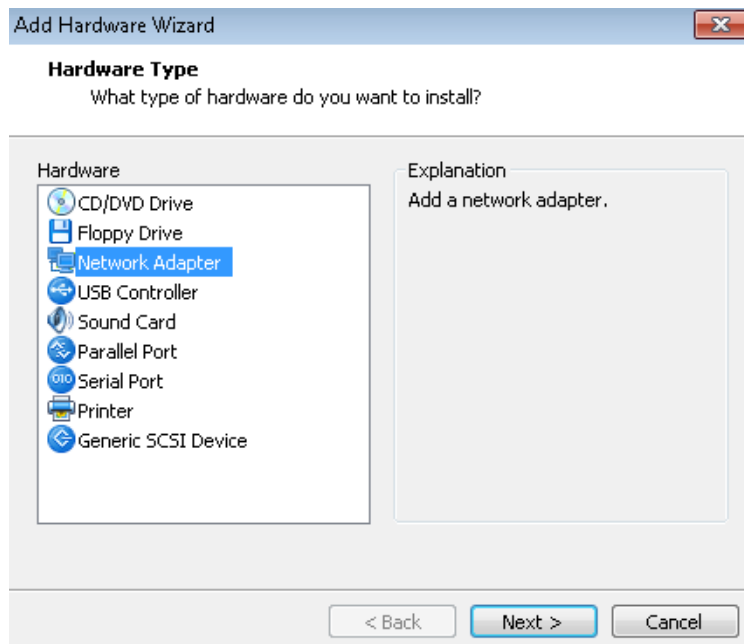
In the specify Disk Capacity window select 30 GB for the maximum disk size (although 20 GB will be sufficient also).



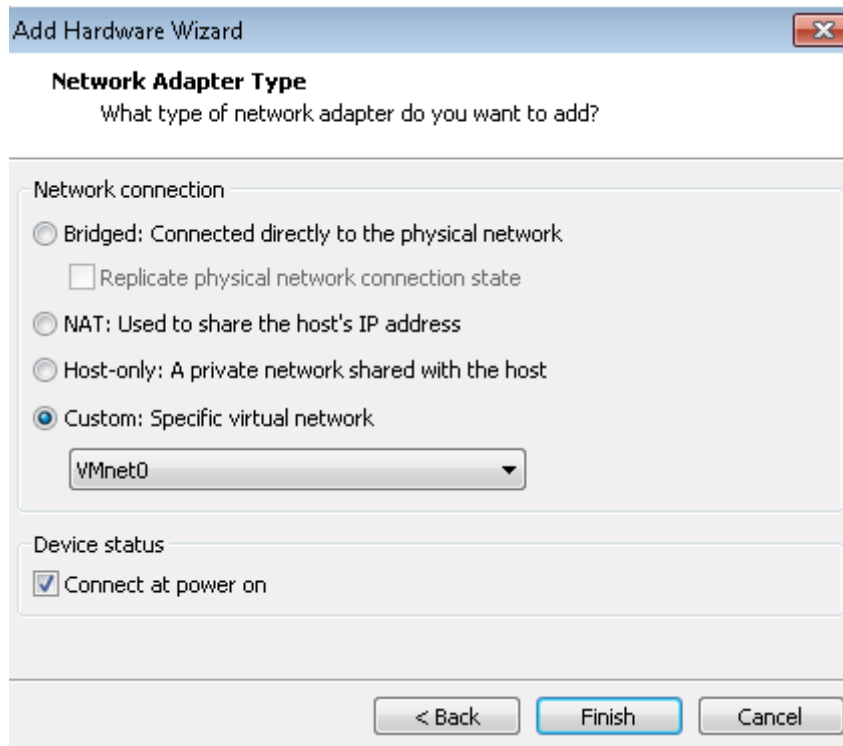
In the Ready to create virtual machine window click on Customize Hardware.



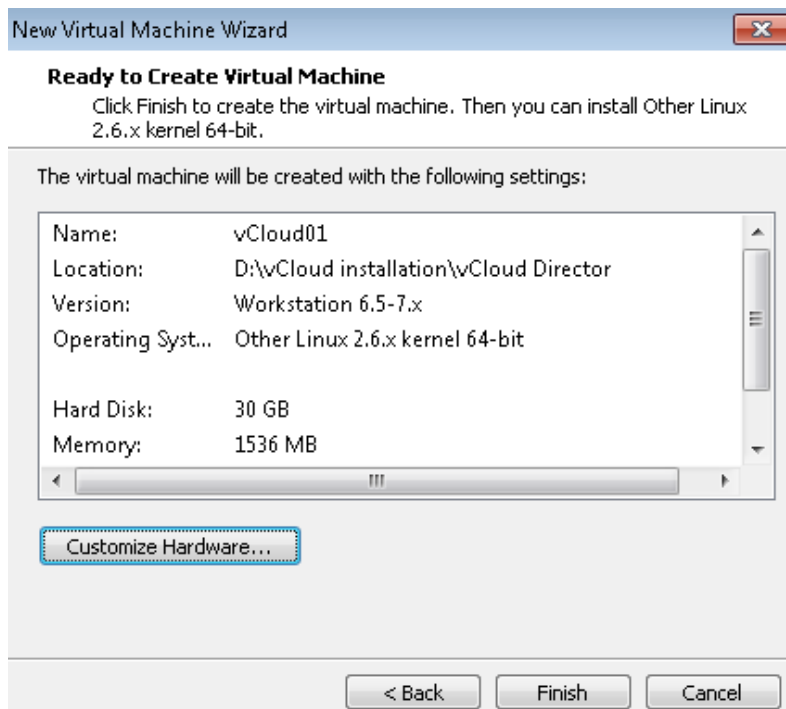
Remove all unnecessary attributes (like the floppy drive), add extra memory to the VM (I gave 1536 MB) and change the Network adapter from NAT to bridged (internal network) and click add to add a extra NIC.



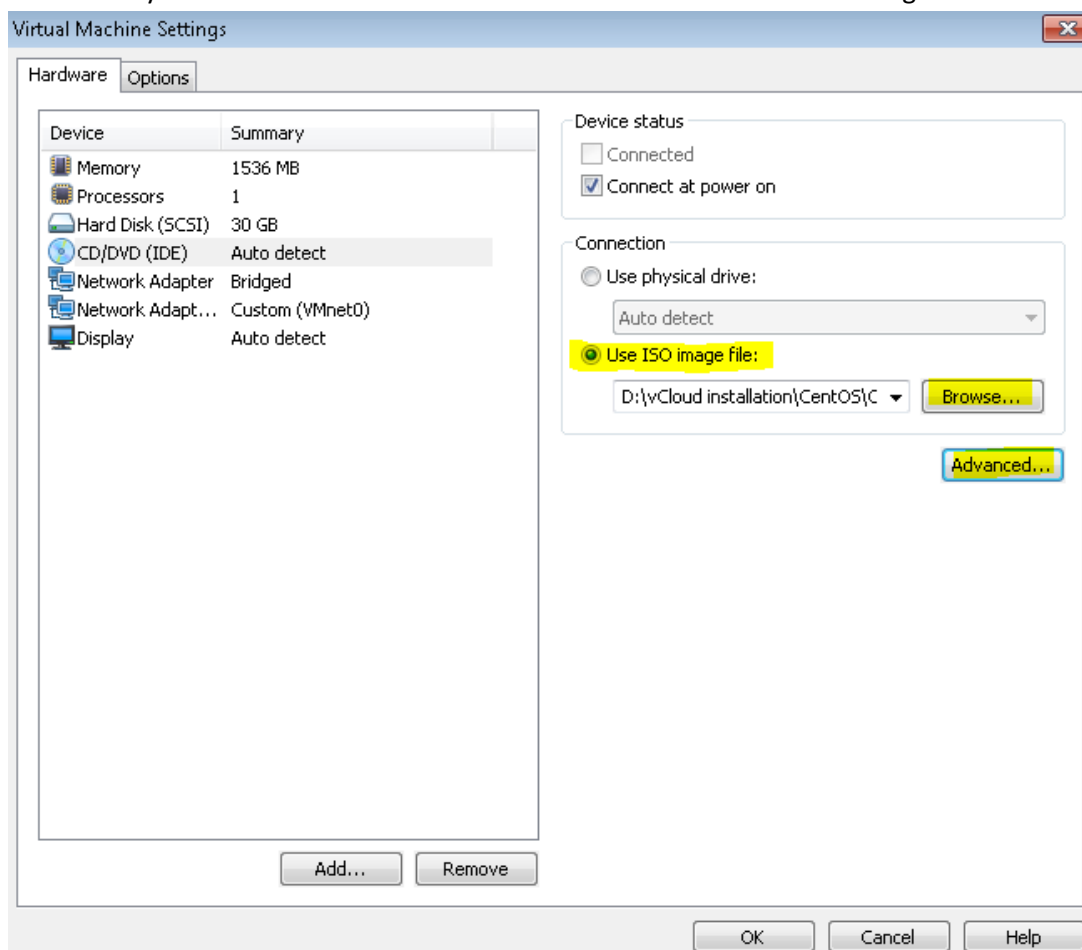
Select Network Adapter and click Next



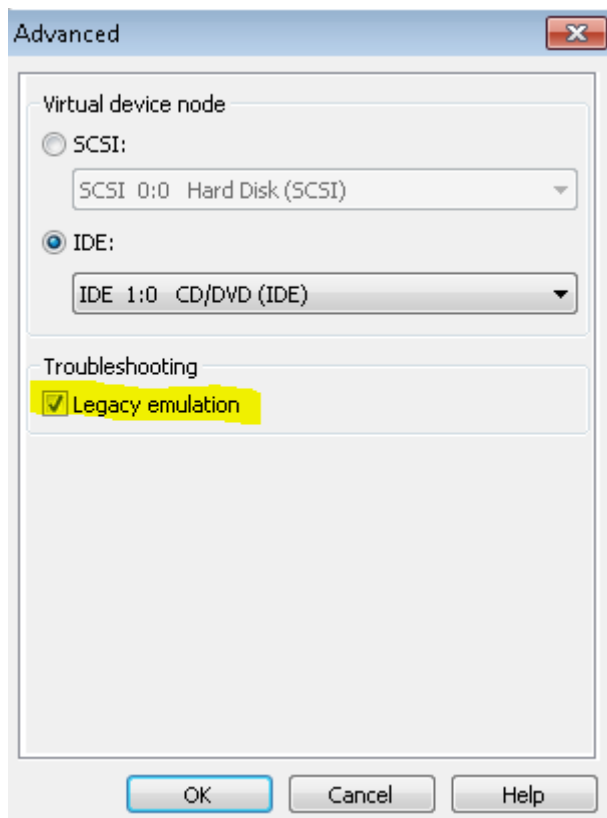
In the Network Adapter Type window choose custom and select the NIC which faces to the external network. Click Finish



In the Ready to Create Virtual Machine window click customize hardware again



Select the CD/DVD drive and connect ISO image file by browsing to the right image. When selected click Advanced.



Make sure the legacy emulation is selected and click OK, OK again and finish.

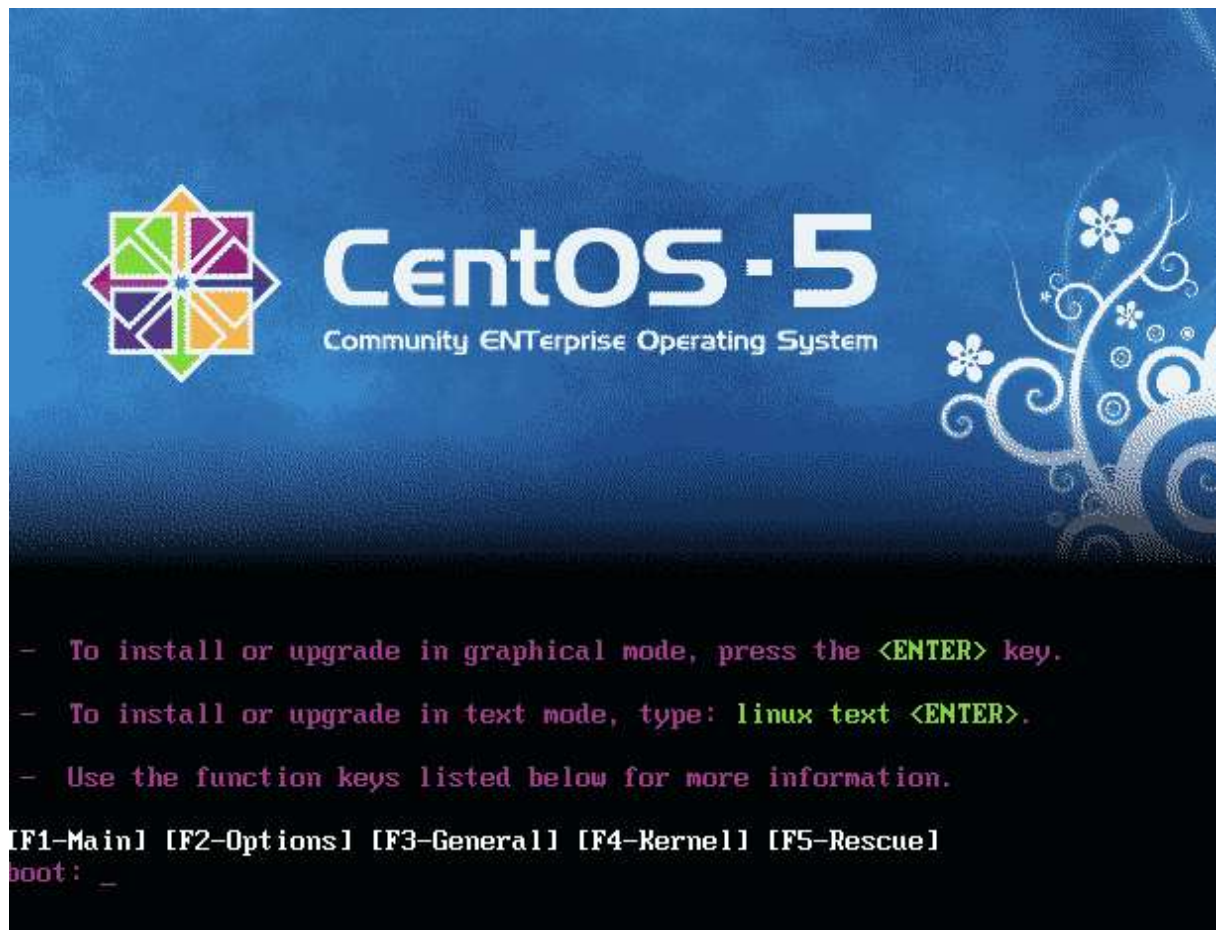
vCloud01

State: Powered off
Guest OS: Other Linux 2.6.x kernel 64-bit
Location: D:\vCloud installation\vCloud Director\vCloud01.vmx
Version: Workstation 6.5-7.x virtual machine

Commands	Devices	Options
Power on this virtual machine	Memory	1536 MB
Edit virtual machine settings	Processors	1
Enable ACE features (What is ACE?)	Hard Disk (SCSI)	30 GB
	CD/DVD (IDE)	Using file D:\vCloud installation\CentOS\CentOS-5.5-x86_64-bin-DVD-1of2.iso
	Network Adapter	Bridged
	Network Adapter 2	Custom (VMnet0)
	Display	Auto detect

Notes
Type here to enter notes for this virtual machine.

The VM will be created, click power on this virtual machine to start the installation process.



When the install screen appears press enter.



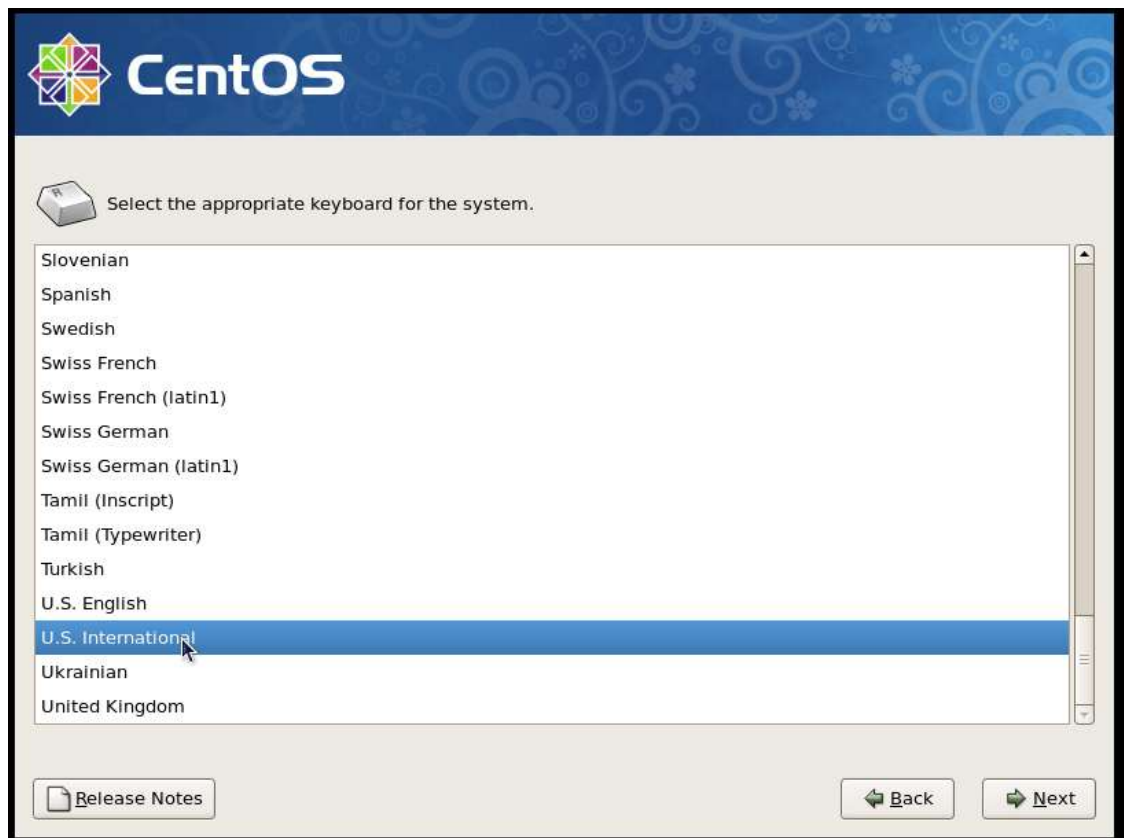
Select Skip and press enter.



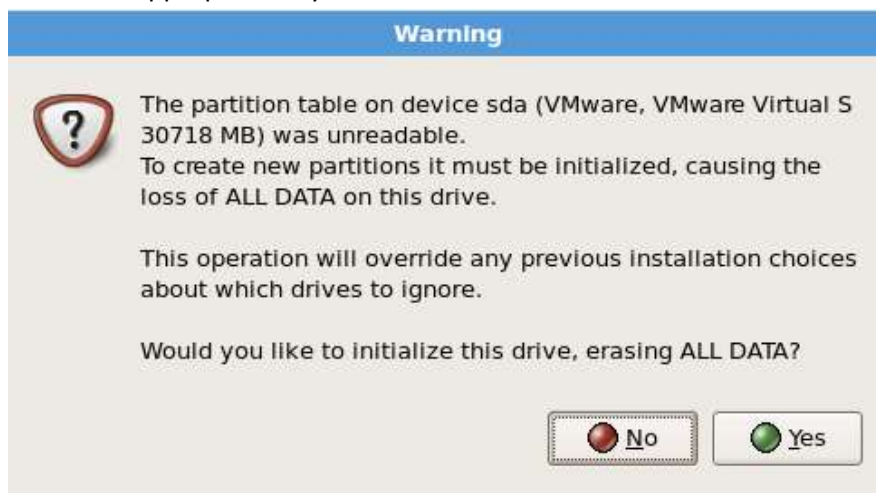
Click next




Select your language and click next



Select the appropriate keyboard and click next



Click Yes to initialize the drive to go on with the installation

 **CentOS**

Installation requires partitioning of your hard drive. By default, a partitioning layout is chosen which is reasonable for most users. You can either choose to use this or create your own.

Remove linux partitions on selected drives and create default layout. ▾


☐ Encrypt system


Select the drive(s) to use for this installation.


☒ sda 30718 MB VMware, VMware Virtual S

+ Advanced storage configuration

☒ Review and modify partitioning layout

 Release Notes

 Back

 Next

Select Review and modify partitioning layout and click next.

Warning




You have chosen to remove all Linux partitions (and ALL DATA on them) on the following drives:

sda (VMware, VMware Virtual S 30718 MB)

Are you sure you want to do this?

Click Yes (only if you're sure about it ;-))




CentOS

Drive /dev/sda (30718 MB) (Model: VMware, VMware Virtual S)

sda2
30616 MB

Device	Mount Point/ RAID/Volume	Type	Format	Size (MB)	Start	End
<div> <div>▼ LVM Volume Groups</div> <div> <div>▼ VolGroup00</div> <div> <div>LogVol00</div> <div>/</div> <div>ext3</div> <div>✓</div> <div>27552</div> </div> <div>LogVol01</div> <div></div> <div>swap</div> <div>✓</div> <div>3040</div> </div> </div>						
<div> <div>▼ Hard Drives</div> <div> <input type="checkbox"/> Hide RAID device/LVM Volume Group members </div> </div>						

Make sure / (root) has enough space (20 GB is more then enough) and click next



CentOS

☒ The GRUB boot loader will be installed on /dev/sda.

☐ No boot loader will be installed.

You can configure the boot loader to boot other operating systems. It will allow you to select an operating system to boot from the list. To add additional operating systems, which are not automatically detected, click 'Add.' To change the operating system booted by default, select 'Default' by the desired operating system.

Default	Label	Device
<input checked="" type="checkbox"/>	CentOS	/dev/VolGroup00/LogVol00

A boot loader password prevents users from changing options passed to the kernel. For greater system security, it is recommended that you set a password.

☐ Use a boot loader password

☐ Configure advanced boot loader options

Click Next



CentOS

Network Devices

Active on Boot	Device	IPv4/Netmask	IPv6/Prefix
<input checked="" type="checkbox"/>	eth0	172.24.0.51/16	Disabled
<input checked="" type="checkbox"/>	eth1	192.168.0.51/24	Disabled

[Edit](#)

Hostname

Set the hostname:

☐ automatically via DHCP

☒ manually (e.g., host.domain.com)

Miscellaneous Settings

Gateway:

Primary DNS:

Secondary DNS:

[Release Notes](#) [Back](#) [Next](#)

Make sure both network cards are active on boot and edit them so they are in the right network, also make sure IPv6 is deselected.

Edit Interface

Intel Corporation 82545EM Gigabit Ethernet Controller (Copper)

Hardware address: 00:0C:29:D6:E0:47

☒ Enable IPv4 support

- ☐ Dynamic IP configuration (DHCP)
- ☒ Manual configuration

IP Address: / Prefix (Netmask):

☐ Enable IPv6 support

- ☒ Automatic neighbor discovery
- ☐ Dynamic IP configuration (DHCPv6)
- ☐ Manual configuration

IP Address: / Prefix:

[Cancel](#) [OK](#)

After editing click OK and after both cards are edited set the Hosname, Gateway and DNS settings and click Next

 **CentOS**

Please click into the map to choose a region:



Europe/Amsterdam

☒ System clock uses UTC

 Release Notes

 Back

 Next

Select the right time zone (region) and click Next

 **CentOS**

 The root account is used for administering the system. Enter a password for the root user.

Root Password:

Confirm:

 Release Notes

 Back

 Next

Set the Root password and click Next

 **CentOS**

The default installation of CentOS includes a set of software applicable for general internet usage. What additional tasks would you like your system to include support for?

☒ Desktop - Gnome
☐ Desktop - KDE
☐ Server
☐ CentOS GUI

Please select any additional repositories that you want to use for software installation.

☐ Packages from CentOS Extras

+ Add additional software repositories

You can further customize the software selection now, or after install via the software management application.

☒ Customize later ☐ Customize now

Release Notes

BackNext

Click Next

 **CentOS**



Click next to begin installation of CentOS.

A complete log of the installation can be found in the file `'/root/install.log'` after rebooting your system.

A kickstart file containing the installation options selected can be found in the file `'/root/anaconda-ks.cfg'` after rebooting the system.

Release Notes

BackNext

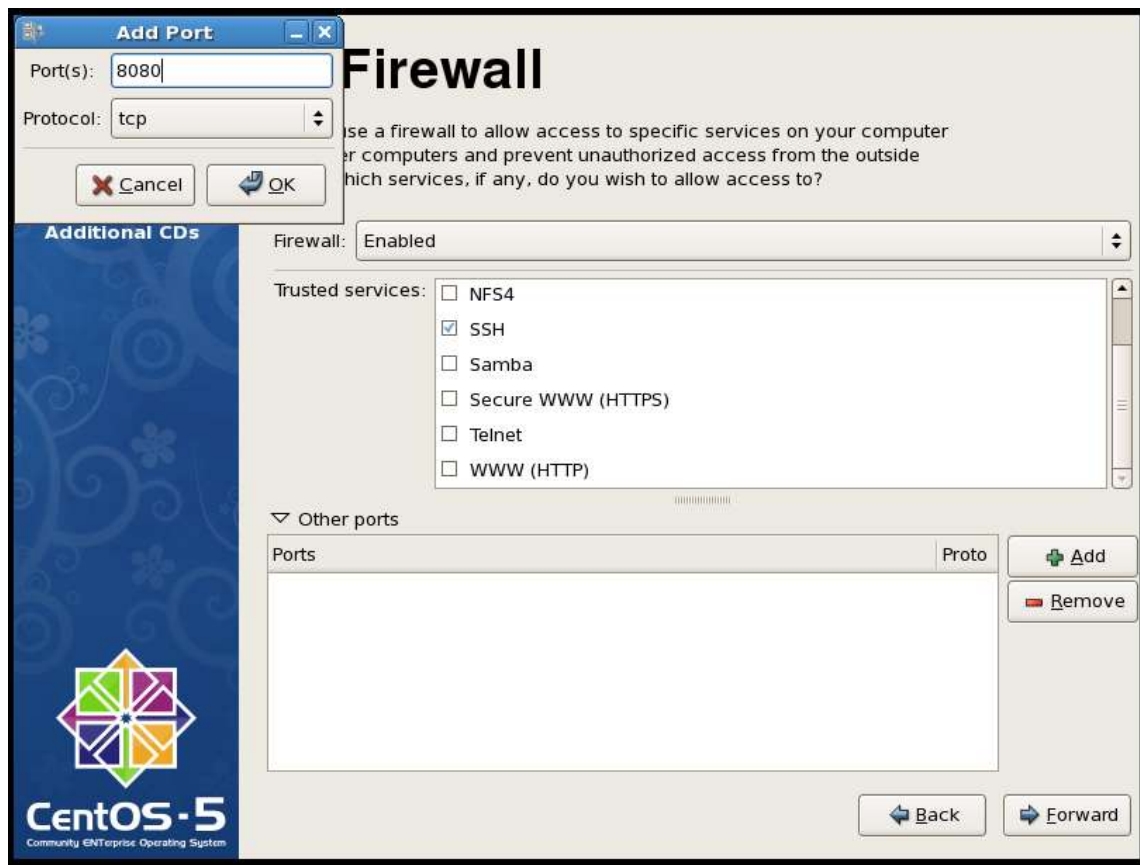
Click Next to begin the installation



After installation click Reboot



After Reboot perform the following steps: click Forward

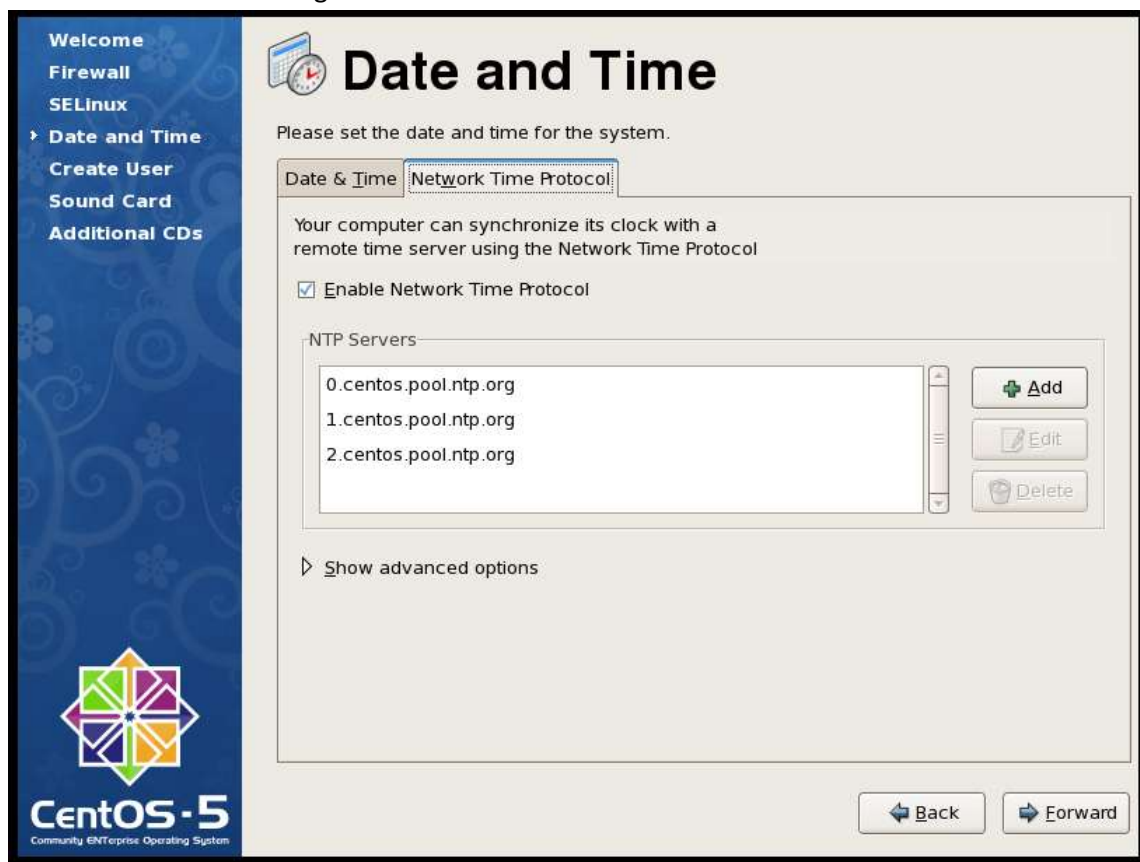


Disable the firewall. And click Forward





Disable the SELinux setting and click Forward



Enable the Network Time Protocol and click Forward

Welcome

Firewall

SELinux


Date and Time

➤ Create User

Sound Card

Additional CDs


CentOS-5
Community ENTERprise Operating System



Create User

It is recommended that you create a 'username' for regular (non-administrative) use of your system. To create a system 'username,' please provide the information requested below.

Username:

Full Name:

Password:

Confirm Password:

If you need to use network authentication, such as Kerberos or NIS, please click the Use Network Login button.

Create a user and click Forward

Welcome

Firewall


SELinux


Date and Time

Create User

Sound Card


➤ Additional CDs


CentOS-5
Community ENTERprise Operating System

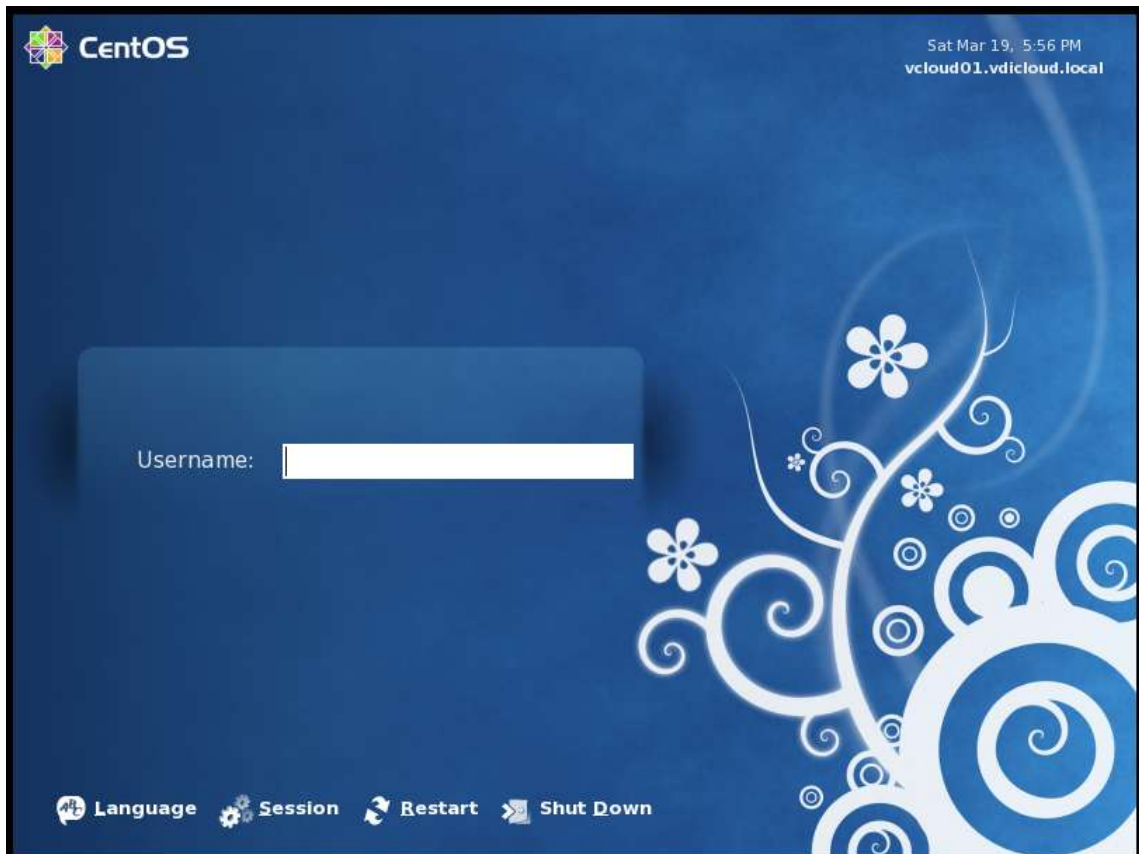


Additional CDs

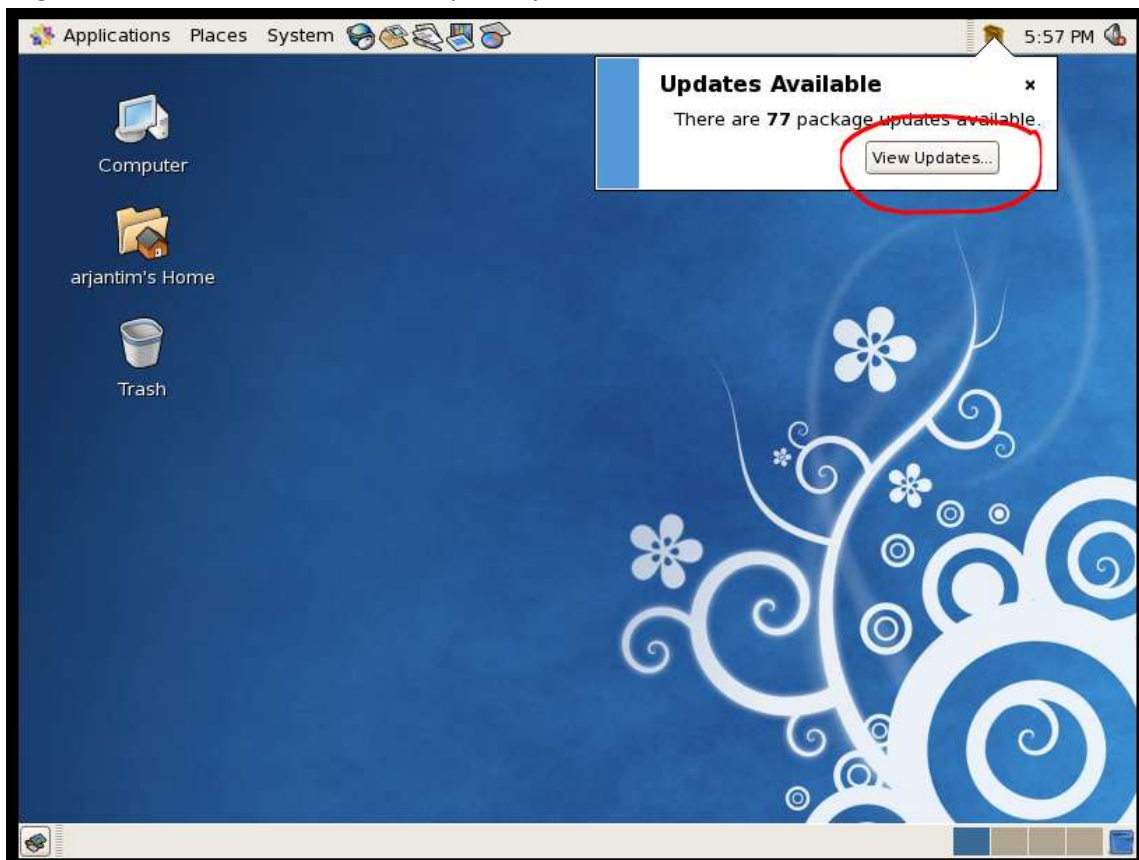
Please insert any additional software install cds at this time.

 Additional CDs

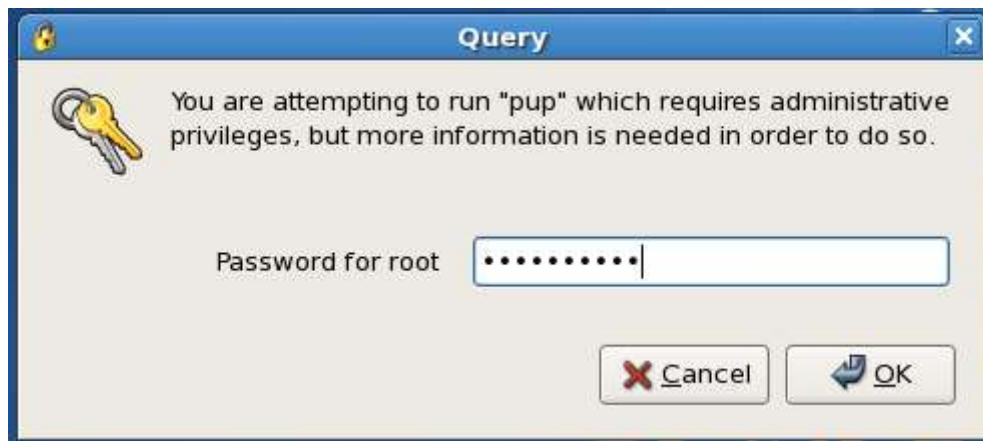
In the Sound Card window click Forward and in the Additional CDs windows click finish



Login to CentOS with the credentials you've just created



After you've logged in a popup shows that Updates are available. Click view Updates



Put the Root password in and press enter



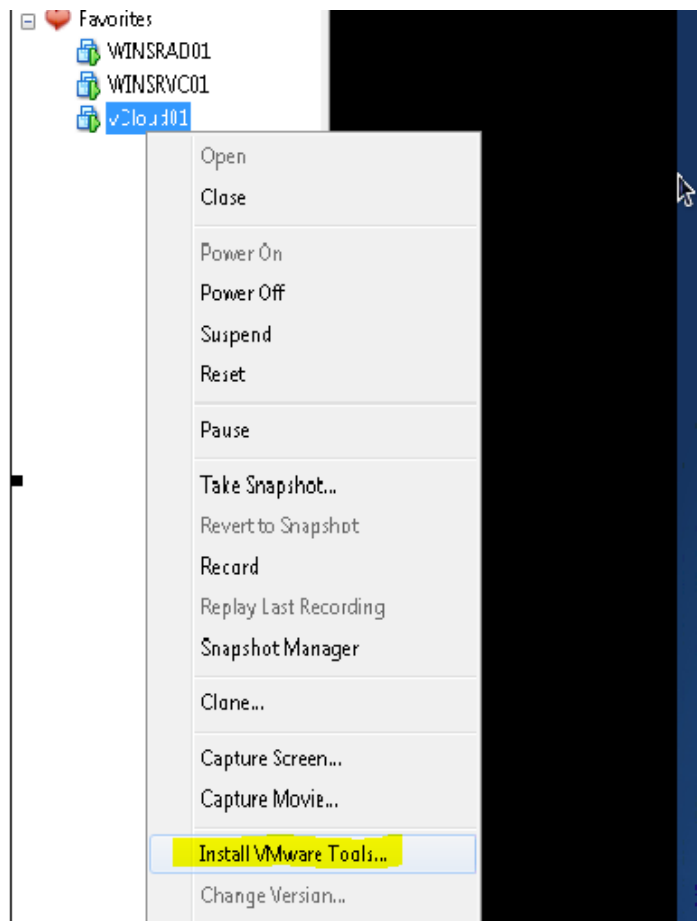
Click Apply updates



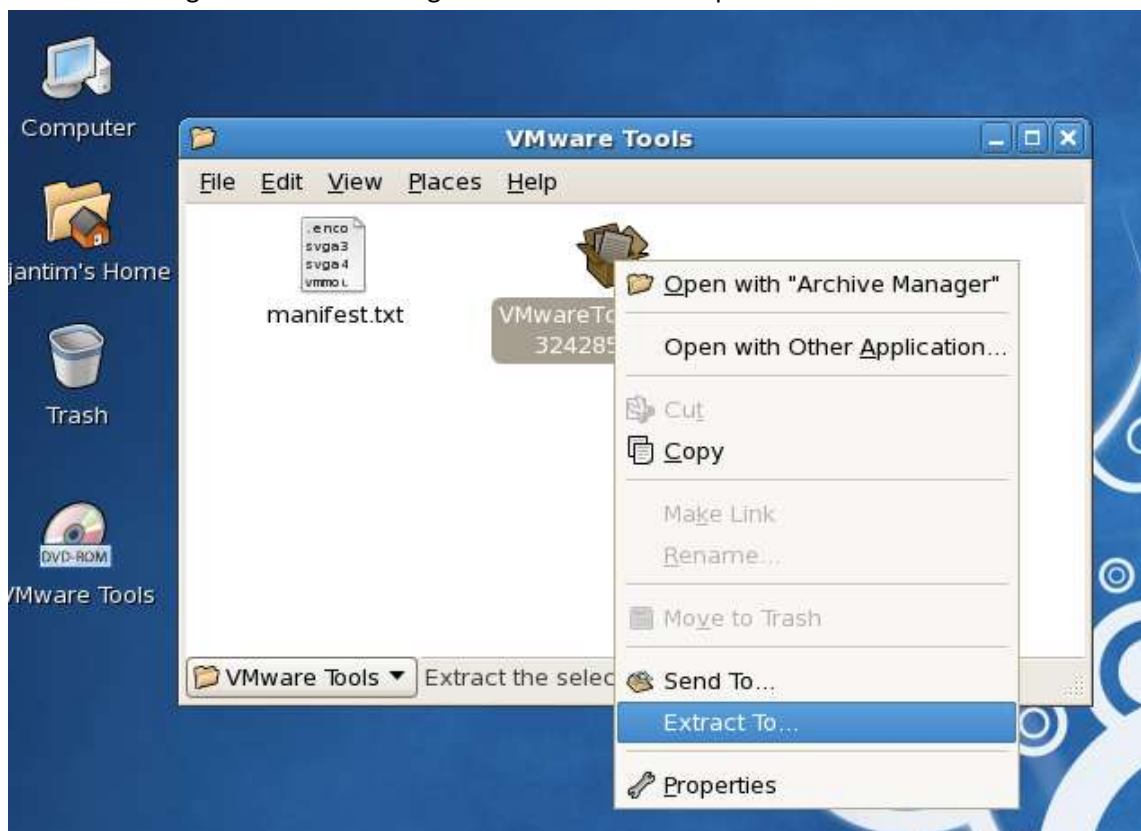
After a while click Import key



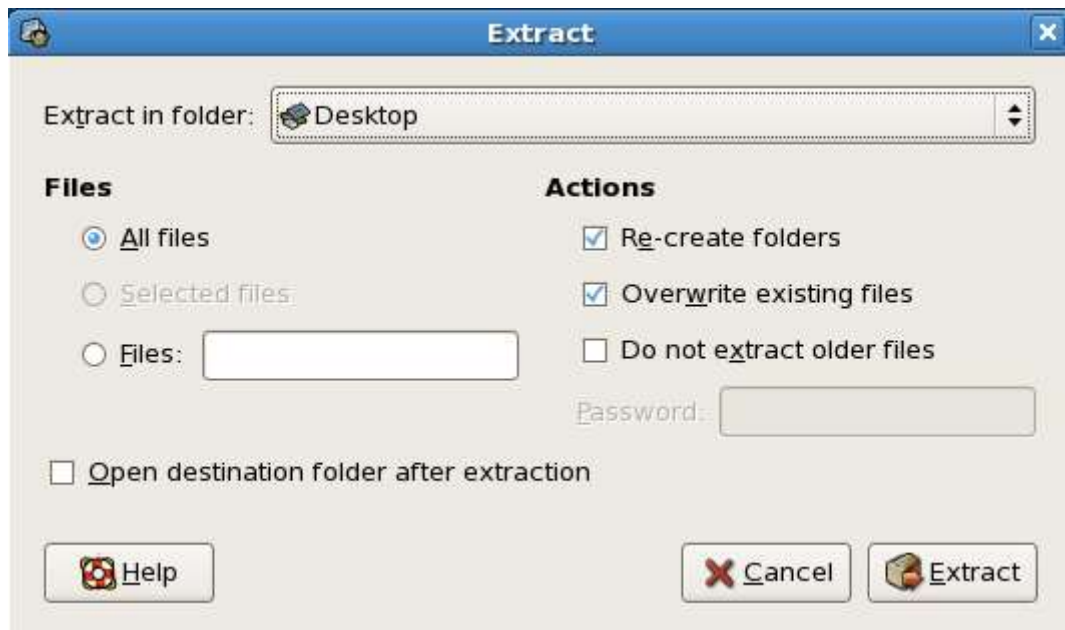
After installation of the updates click Reboot now



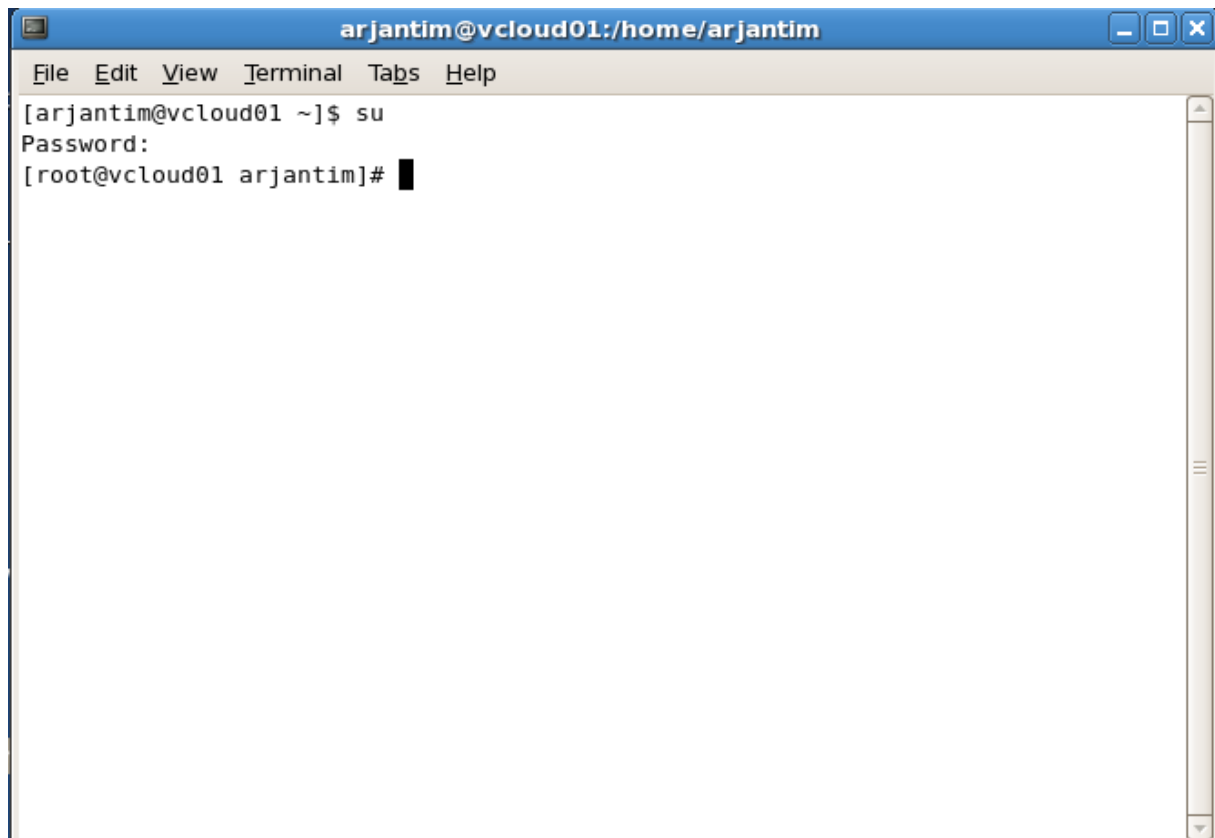
After reboot log back in and then right click on the VM and press Install VMware Tools



Right click the VMware Tools file and click Extract To



Select the Extract in folder and click Extract



Open a terminal and do a su (to become root) and enter the Password and press enter



```
arjantim@vcloud01:/home/arjantim/Desktop/vmware-tools-distrib
File Edit View Terminal Tabs Help
[arjantim@vcloud01 ~]$ su
Password:
[root@vcloud01 arjantim]# ls
Desktop
[root@vcloud01 arjantim]# cd Desktop
[root@vcloud01 Desktop]# ls
vmware-tools-distrib
[root@vcloud01 Desktop]# cd vmware-tools-distrib/
[root@vcloud01 vmware-tools-distrib]# ls
bin doc etc FILES INSTALL installer lib vmware-install.pl
[root@vcloud01 vmware-tools-distrib]# ./vmware-install.pl
```

Use the cd command to navigate to vmware-tools-distrib folder. Run ./vmware-install.pl to install the vmware tools (you have to enter several times to install)

You must restart your X session before any mouse or graphics changes take effect.

You can now run VMware Tools by invoking "/usr/bin/vmware-toolbox-cmd" from the command line or by invoking "/usr/bin/vmware-toolbox" from the command line during an X server session.

To enable advanced X features (e.g., guest resolution fit, drag and drop, and file and text copy/paste), you will need to do one (or more) of the following:

1. Manually start /usr/bin/vmware-user
2. Log out and log back into your desktop session; and,
3. Restart your X session.

Enjoy,

--the VMware team

Found VMware Tools CDRom mounted at /media/VMware Tools. Ejecting device /dev/hdc ...

[root@vcloud01 vmware-tools-distrib]# █

After installation type reboot and press enter to reboot the VM. When the VM is restarted log in to CentOS. We're now ready to install Oracle.