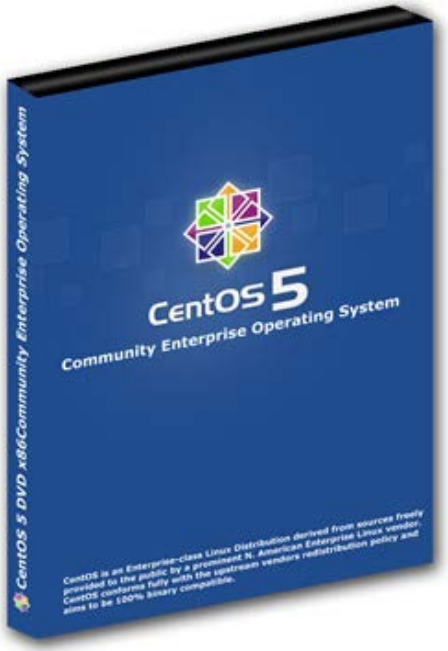
Making a CentOS VM

VMware Workstation 7

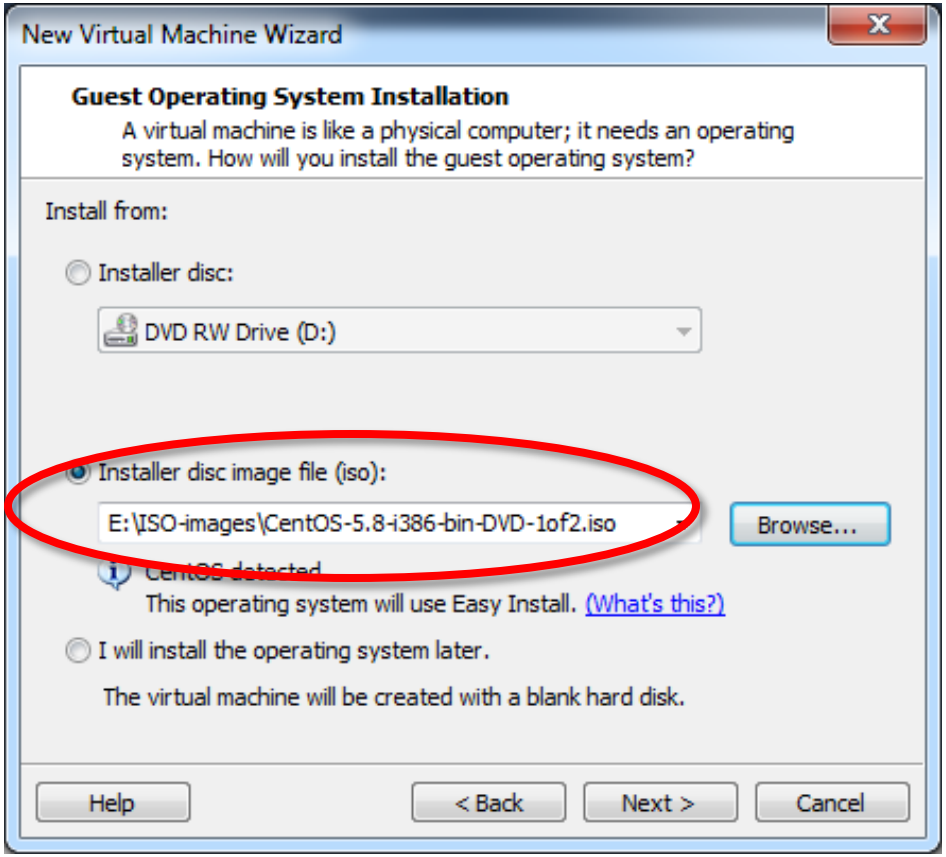
CentOS

- Free OS derived from Red Hat Enterprise Linux
  - Free enterprise class computing platform
- 30% of all Linux web servers run CentOS
- Debian & CentOS vie for #1 web platform



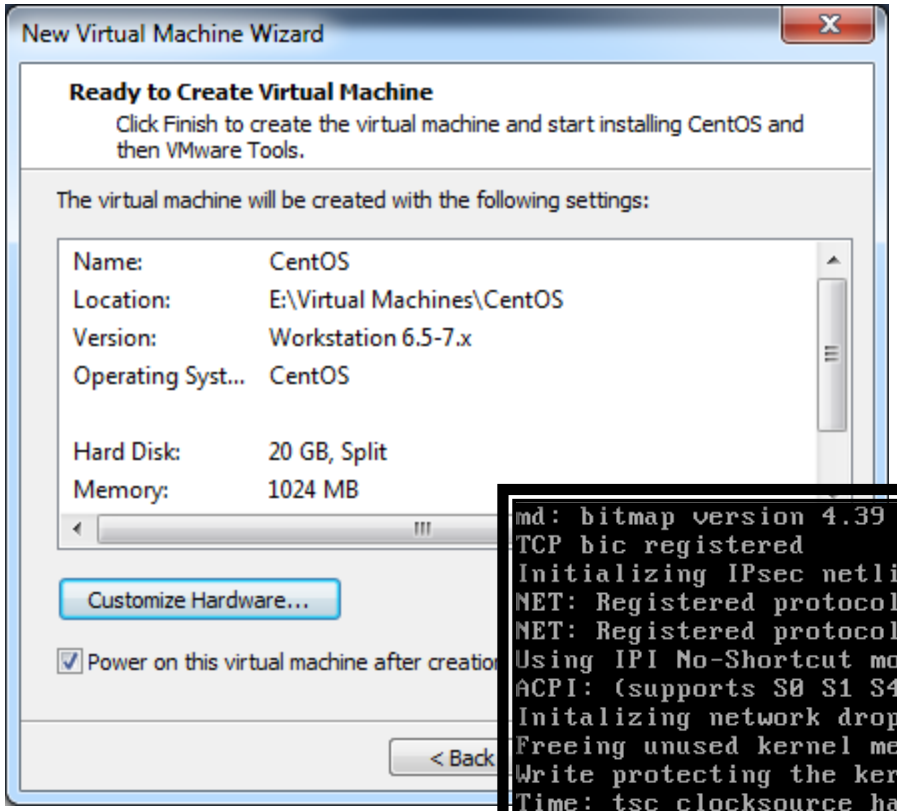
~~Kickbacks~~
~~Blackmail~~
~~Family held hostage~~

Creating a VM

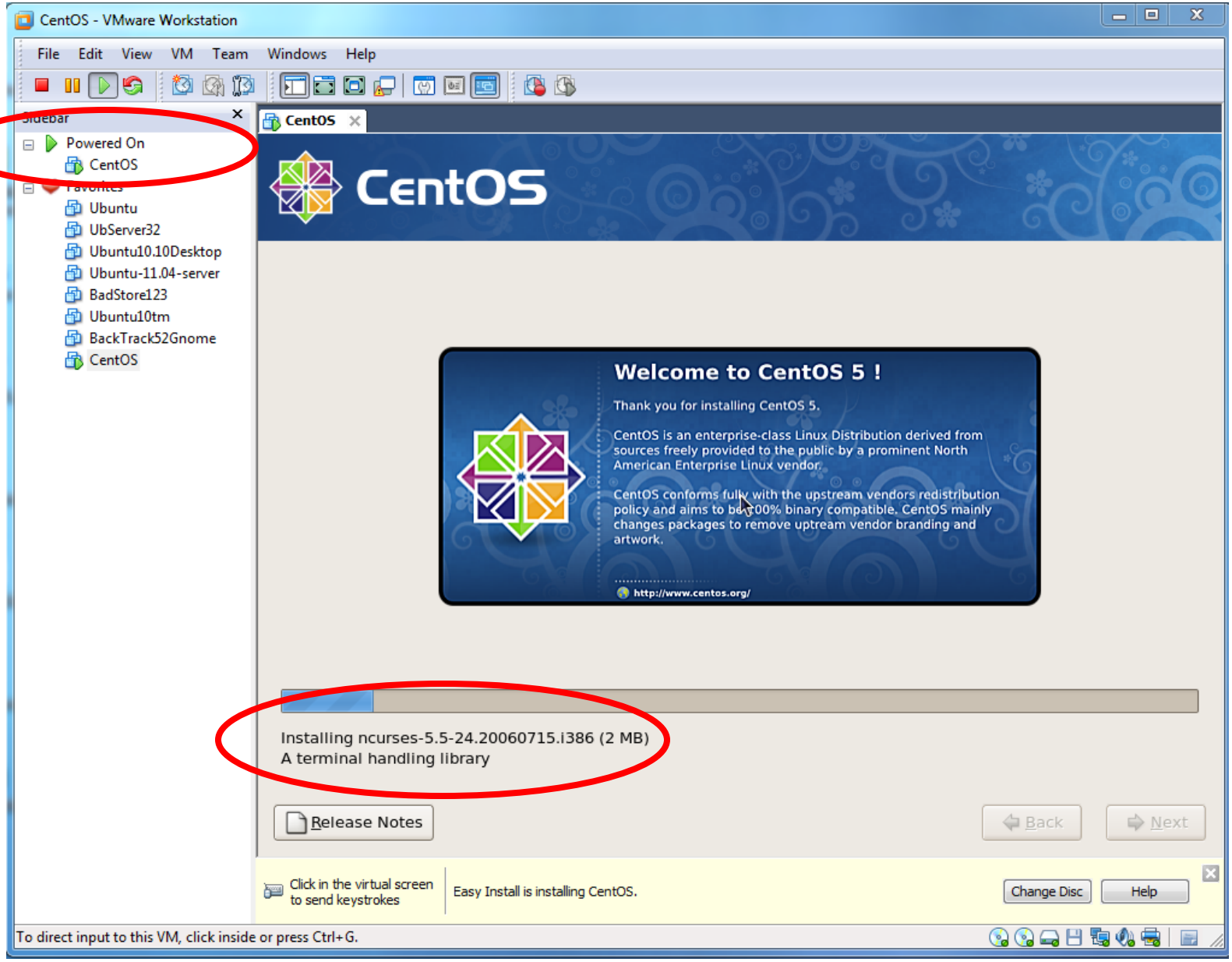


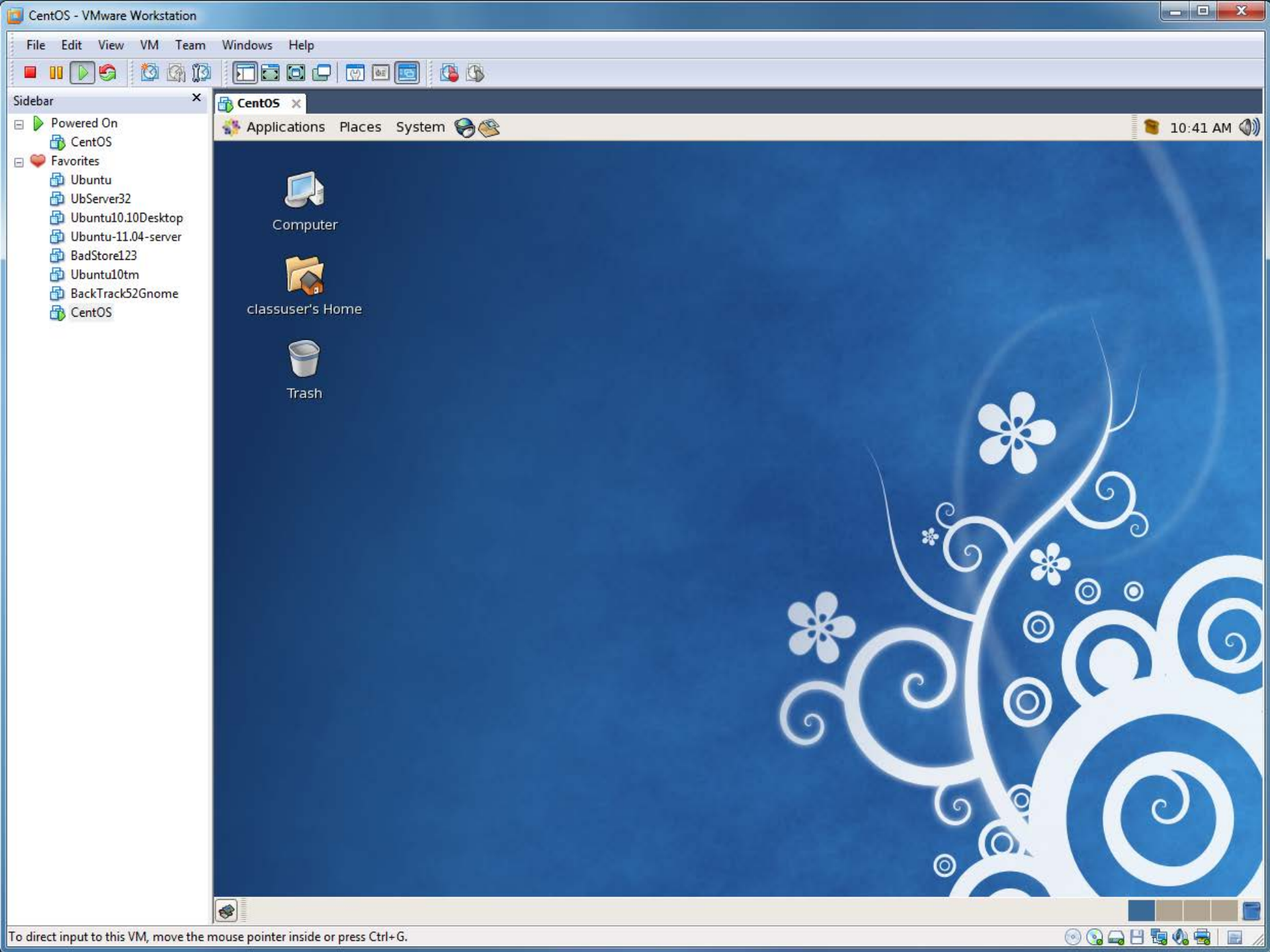
3.8GB
March 7, 2012
DVD2 not needed (language packs)

Creating a VM

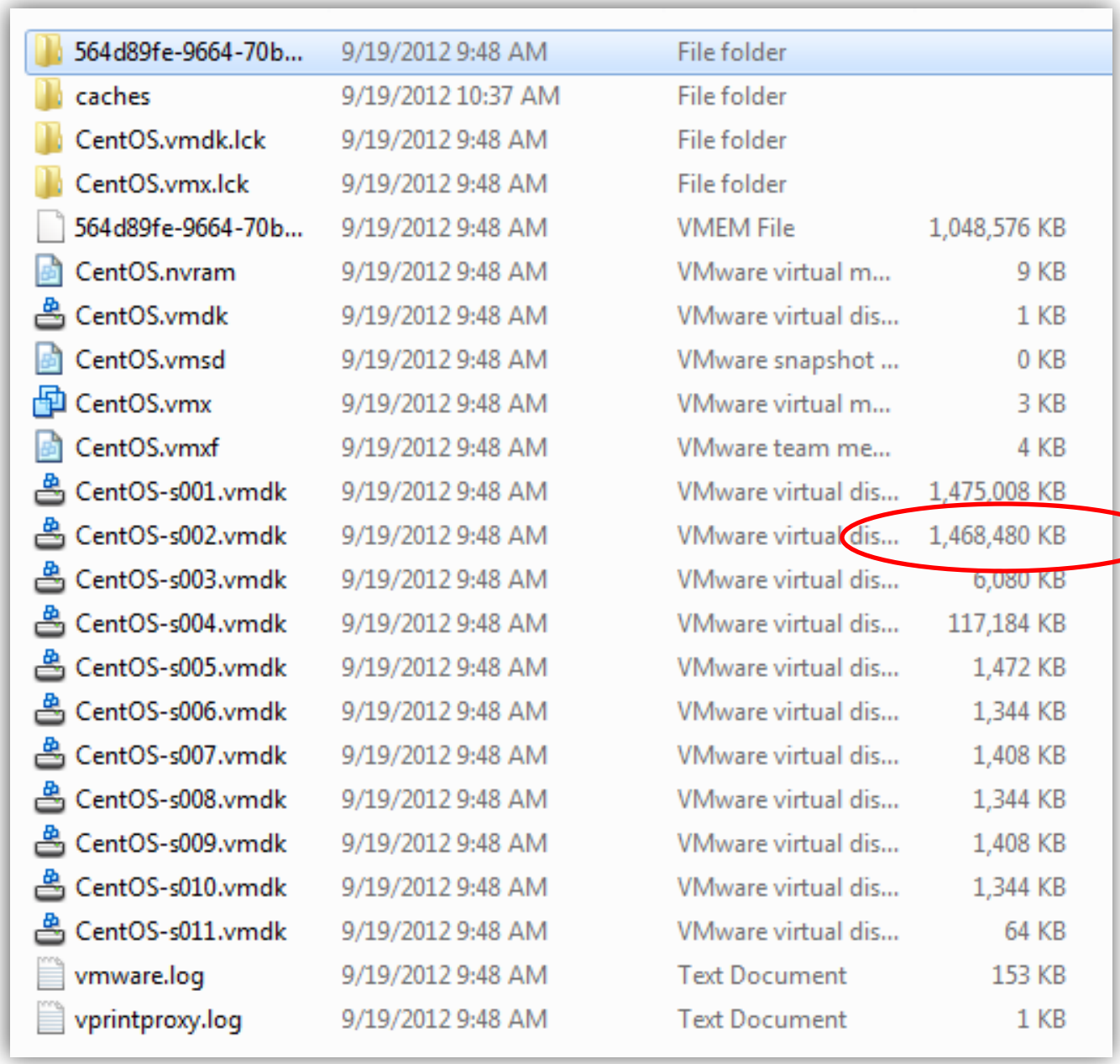


Creating a VM



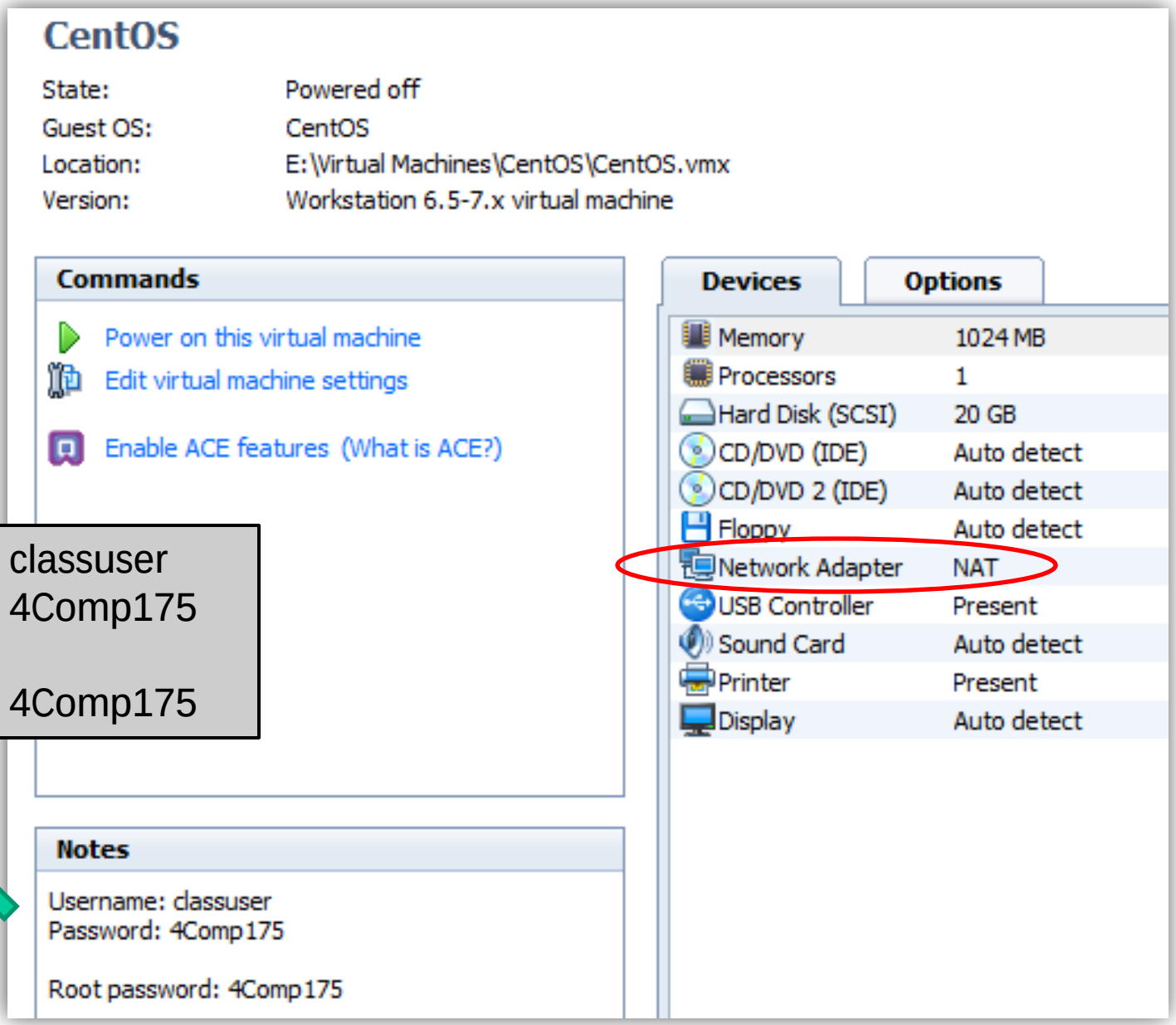

CentOS - VMware Workstation
File Edit View VM Team Windows Help
Sidebar
Powered On
CentOS
Favorites
Ubuntu
UbServer32
Ubuntu10.10Desktop
Ubuntu-11.04-server
BadStore123
Ubuntu10tm
BackTrack52Gnome
CentOS
CentOS
Applications Places System
10:41 AM
Computer
classuser's Home
Trash
To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

Guest Files on Host



564d89fe-9664-70b...	9/19/2012 9:48 AM	File folder	
caches	9/19/2012 10:37 AM	File folder	
CentOS.vmdk.lck	9/19/2012 9:48 AM	File folder	
CentOS.vmx.lck	9/19/2012 9:48 AM	File folder	
564d89fe-9664-70b...	9/19/2012 9:48 AM	VMEM File	1,048,576 KB
CentOS.nvram	9/19/2012 9:48 AM	VMware virtual m...	9 KB
CentOS.vmdk	9/19/2012 9:48 AM	VMware virtual dis...	1 KB
CentOS.vmsd	9/19/2012 9:48 AM	VMware snapshot ...	0 KB
CentOS.vmx	9/19/2012 9:48 AM	VMware virtual m...	3 KB
CentOS.vmxf	9/19/2012 9:48 AM	VMware team me...	4 KB
CentOS-s001.vmdk	9/19/2012 9:48 AM	VMware virtual dis...	1,475,008 KB
CentOS-s002.vmdk	9/19/2012 9:48 AM	VMware virtual dis...	1,468,480 KB
CentOS-s003.vmdk	9/19/2012 9:48 AM	VMware virtual dis...	6,080 KB
CentOS-s004.vmdk	9/19/2012 9:48 AM	VMware virtual dis...	117,184 KB
CentOS-s005.vmdk	9/19/2012 9:48 AM	VMware virtual dis...	1,472 KB
CentOS-s006.vmdk	9/19/2012 9:48 AM	VMware virtual dis...	1,344 KB
CentOS-s007.vmdk	9/19/2012 9:48 AM	VMware virtual dis...	1,408 KB
CentOS-s008.vmdk	9/19/2012 9:48 AM	VMware virtual dis...	1,344 KB
CentOS-s009.vmdk	9/19/2012 9:48 AM	VMware virtual dis...	1,408 KB
CentOS-s010.vmdk	9/19/2012 9:48 AM	VMware virtual dis...	1,344 KB
CentOS-s011.vmdk	9/19/2012 9:48 AM	VMware virtual dis...	64 KB
vmware.log	9/19/2012 9:48 AM	Text Document	153 KB
vprintproxy.log	9/19/2012 9:48 AM	Text Document	1 KB

Documention

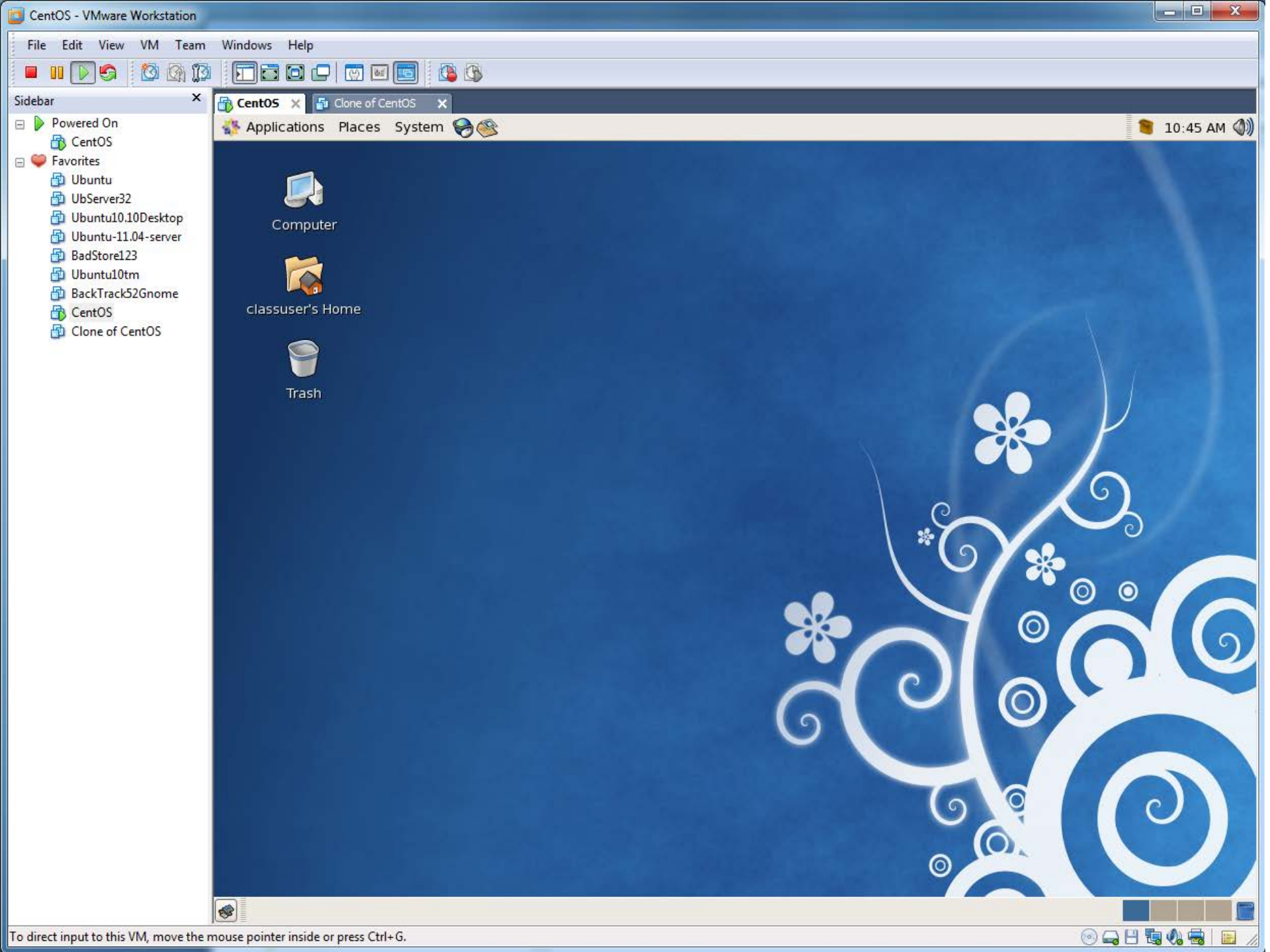


User name: classuser
Password: 4Comp175

Root password: 4Comp175

Clone

Clone 3.03GB
Clone (Zipped) 1.04GB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Clone of CentOS
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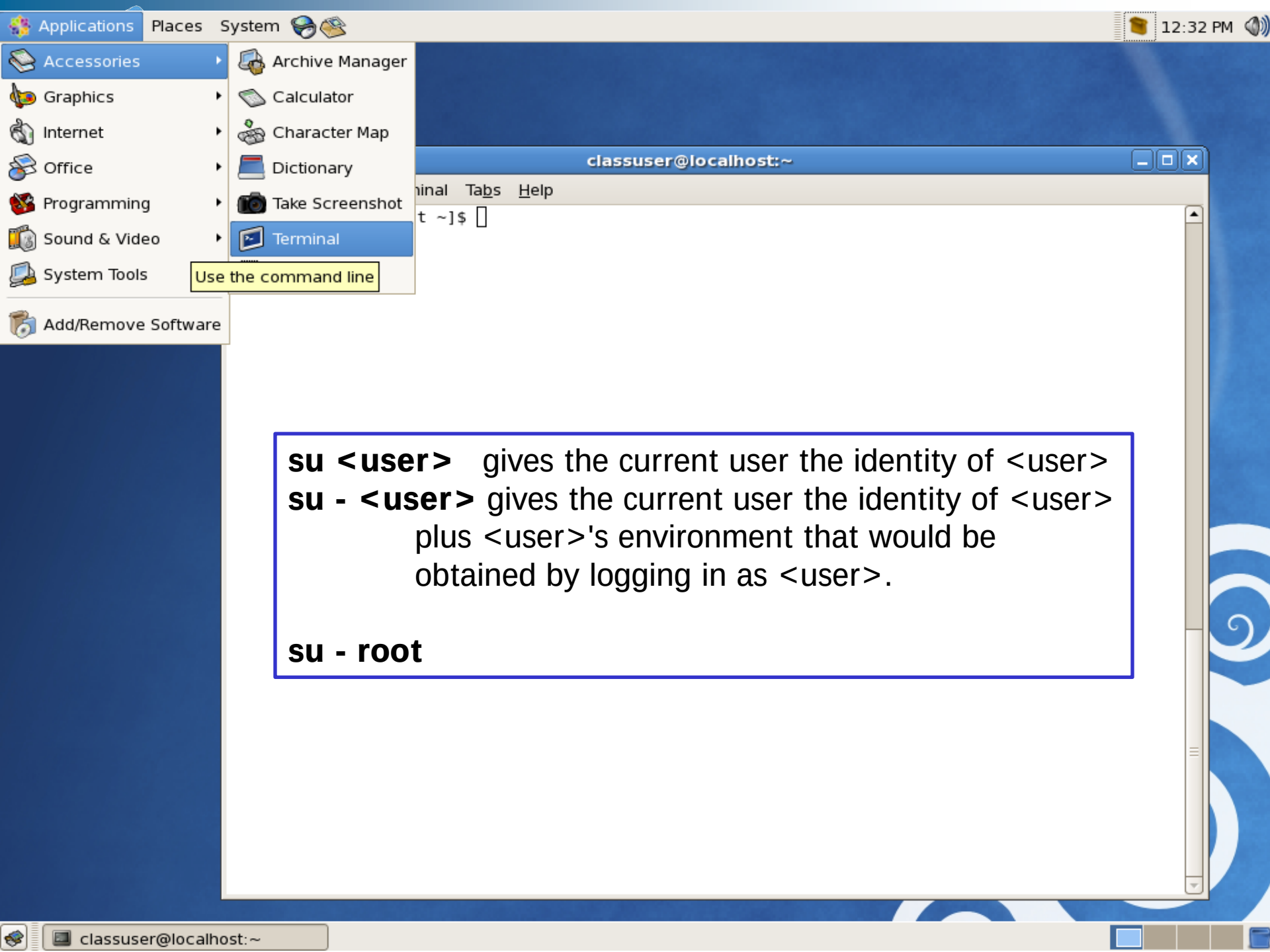

Applications
Places
System
12:32 PM
Accessories
Graphics
Internet
Office
Programming
Sound & Video
System Tools
Add/Remove Software
Archive Manager
Calculator
Character Map
Dictionary
Take Screenshot
Terminal
Use the command line
classuser@localhost:~
Tabs
Help
t ~]$
su <user> gives the current user the identity of <user>
su - <user> gives the current user the identity of <user>
plus <user>'s environment that would be
obtained by logging in as <user>.
su - root
classuser@localhost:~

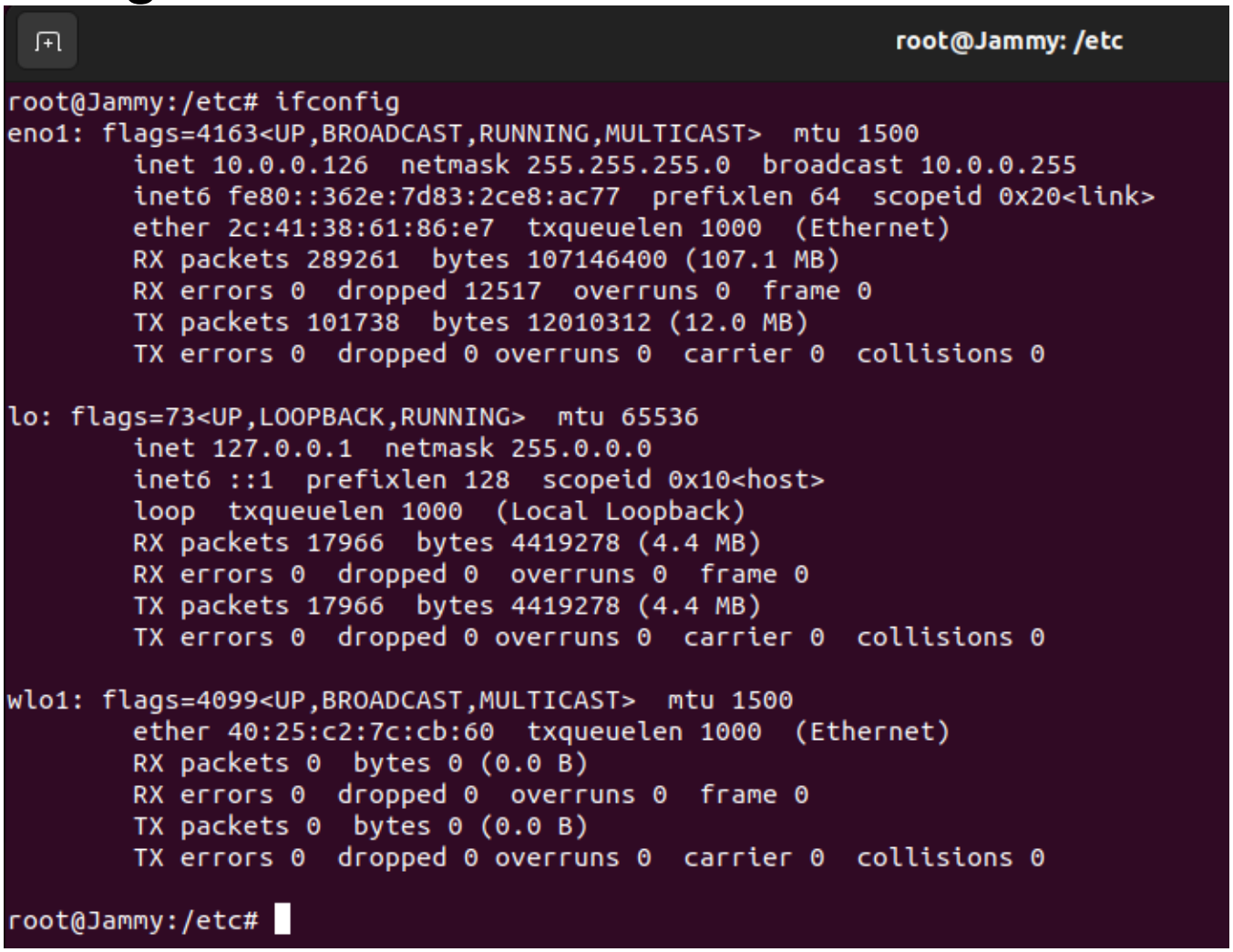
Networking

```
# ifconfig
eth0 Link encap:Ethernet  HWaddr 00:0C:29:9E:83:34
     inet addr:192.168.149.130  Bcast:192.168.149.255
      Mask:255.255.255.0
UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
RX packets:1162 errors:0 dropped:0 overruns:0 frame:0
TX packets:1215 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:882218 (861.5 KiB)  TX bytes:89693 (87.5 KiB)
Interrupt:67 Base address:0x2024
```

- Bridged vs Natted IP address

Failed

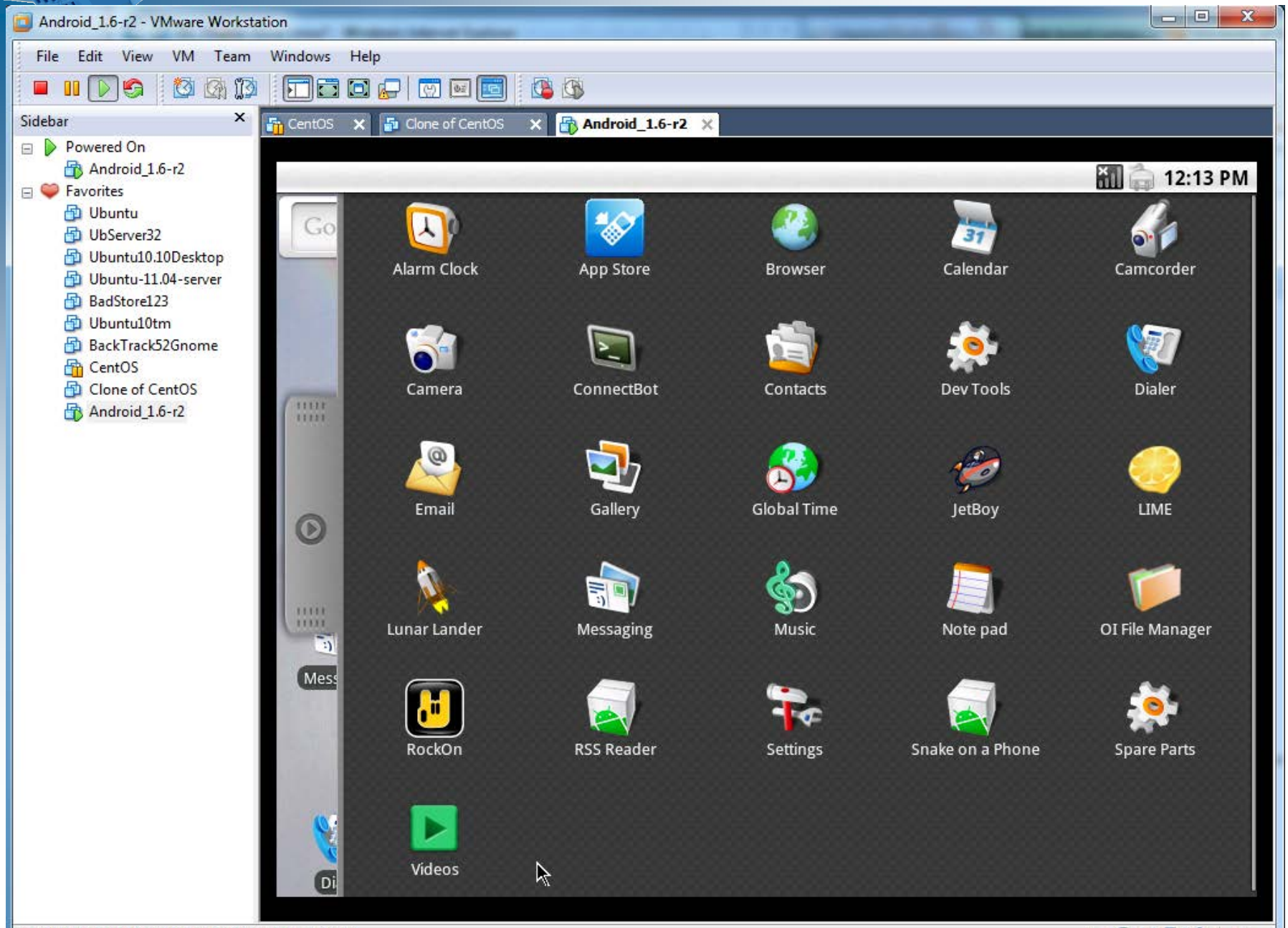
- sudo apt install net-tools
- now ifconfig



Resources

- http://wiki.centos.org/TipsAndTricks
- https://wiki.centos.org/HowTos/Virtualization/VirtualBox/CentOSguest
- https://virtualboxes.org/images/centos/
- http://www.osboxes.org/centos/ (careful)
- GIYF

Android VM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Android_1.6-r2
CentOS
Clone of CentOS
Android_1.6-r2
12:13 PM
Alarm Clock
App Store
Browser
Calendar
Camcorder
Camera
ConnectBot
Contacts
Dev Tools
Dialer
Email
Gallery
Global Time
JetBoy
LIME
Lunar Lander
Messaging
Music
Note pad
OI File Manager
RockOn
RSS Reader
Settings
Snake on a Phone
Spare Parts
Videos
To direct input to this VM, click inside or press Ctrl+G.