Cabrillo College

Linux Howtos

Using Linux at Cabrillo (119)
CIS 90 - Fall 2008

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There are several different ways for students to run Linux at Cabrillo College.

Locations to work on lab assignments:

- CTC (Main campus, building 1400)
  - Putty access to Opus on all PC's
  - One PC with VMware Server for local Linux
  - http://www.cabrillo.edu/services/ctc/hours.html

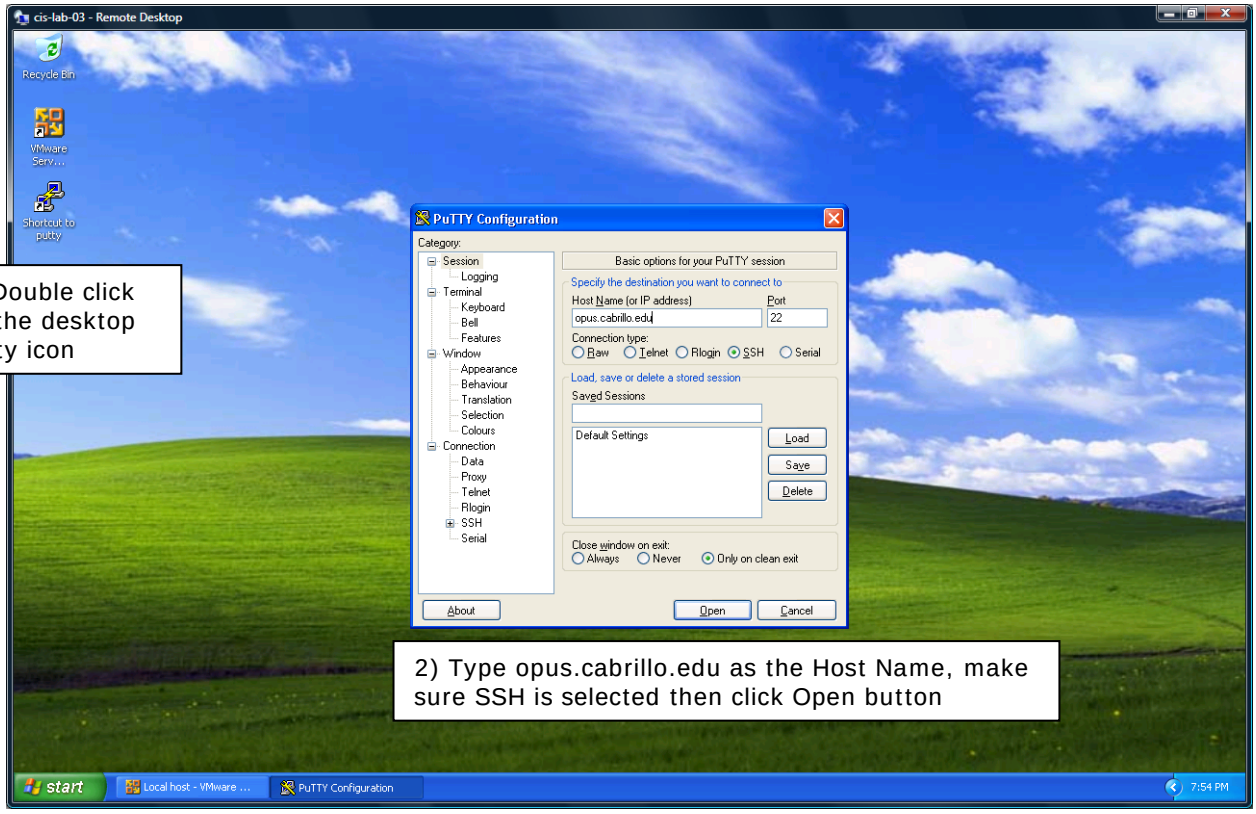
- CIS Lab (Main campus, room 2504)
  - Putty access to Opus on all PC's
  - Eight PC's with Linux preloaded (button II)
  - Six PC's with VMware Server for local Linux
  - http://webhawks.org/~cislab/

Classrooms:

- Room 2501 classroom (Main campus)
  - 24 PC's with VMware Server for local Linux
  - Putty access to Opus on all PC's

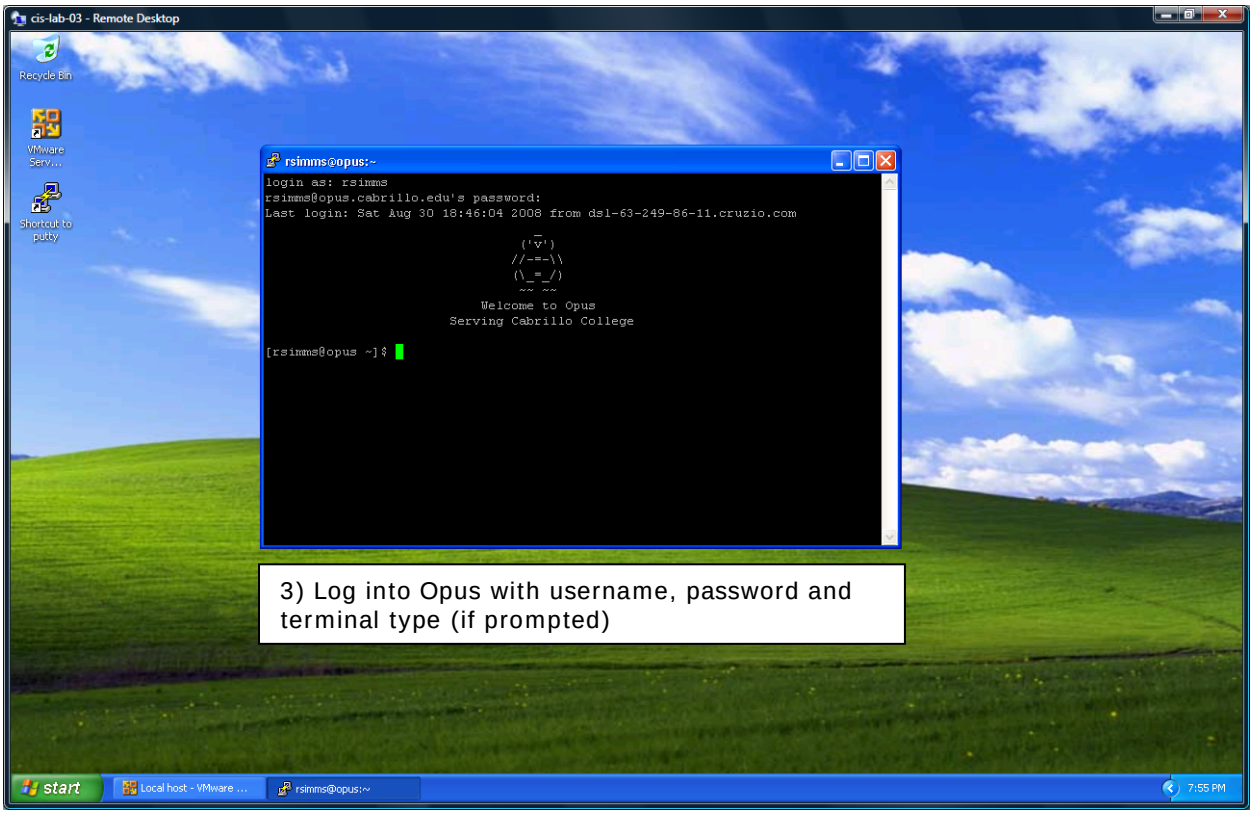
- Room 2 classroom (Scotts Valley Center)
  - 30 notebooks with VMware Player for local Linux
  - Putty access to Opus on all PC's

Putty Access to Opus



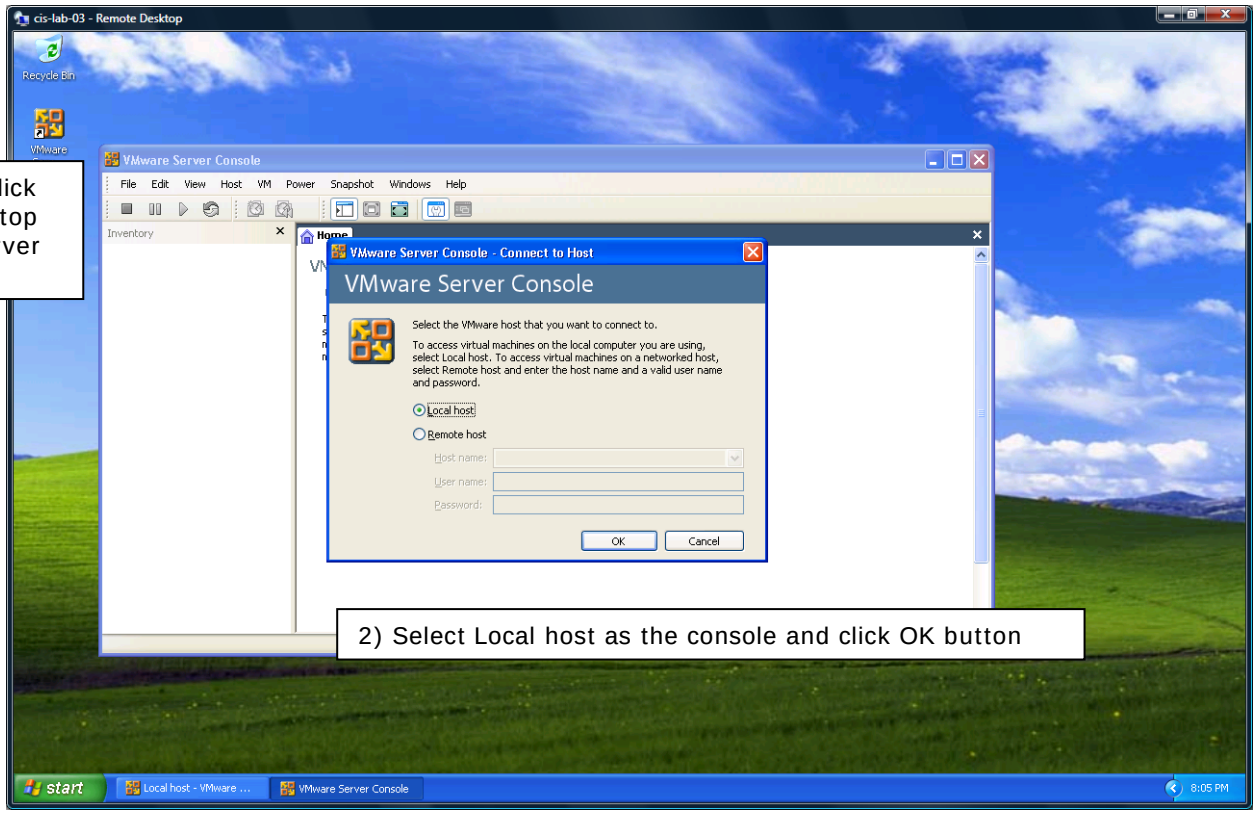
1) Double click on the desktop Putty icon

2) Type opus.cabrillo.edu as the Host Name, make sure SSH is selected then click Open button



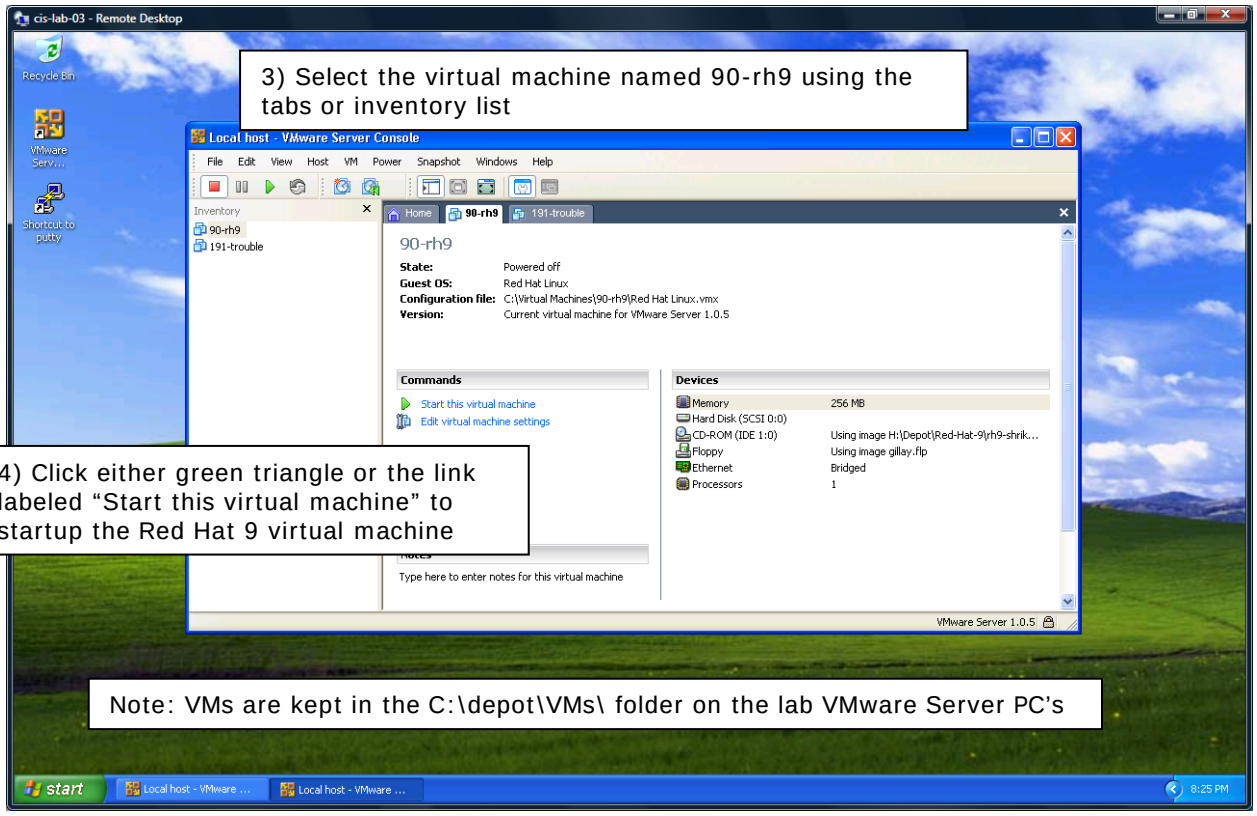
3) Log into Opus with username, password and terminal type (if prompted)

VMware Server for local Linux



1) Double click on the desktop VMware Server icon

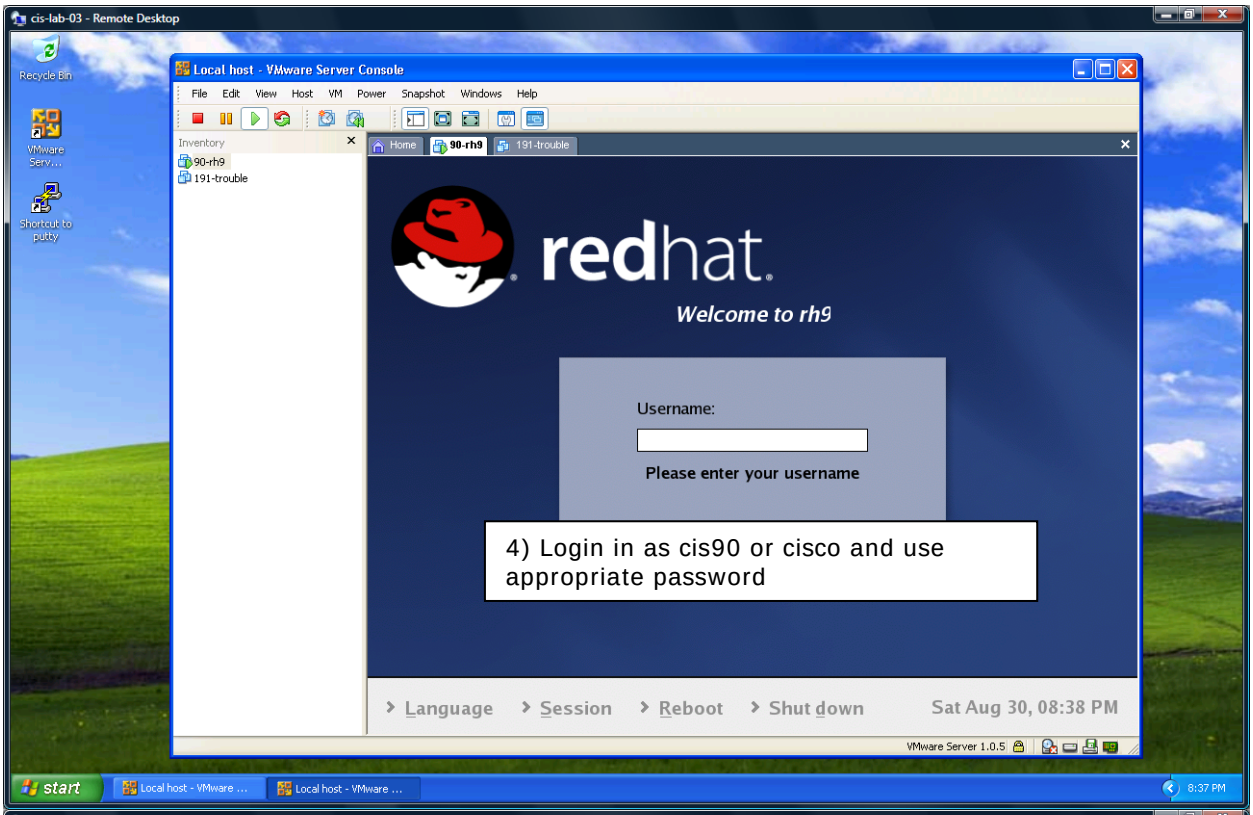
2) Select Local host as the console and click OK button

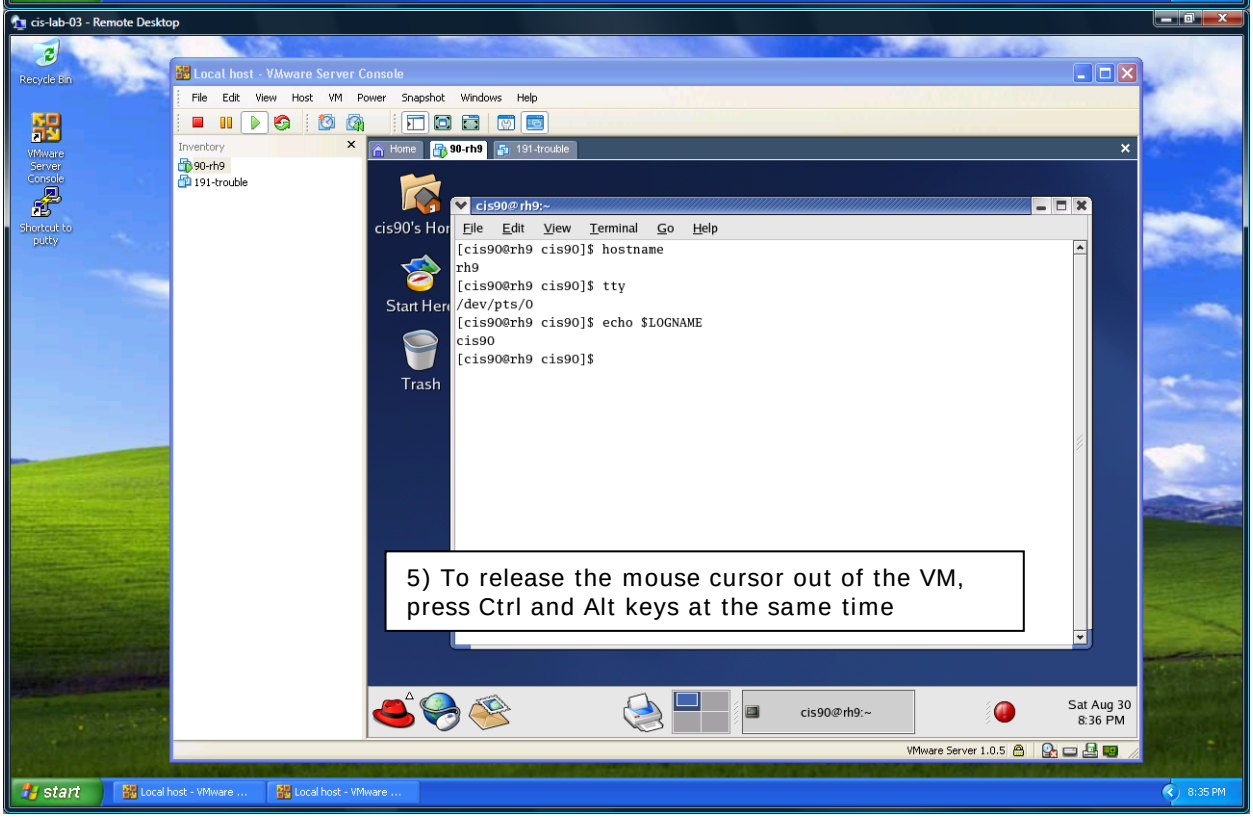


3) Select the virtual machine named 90-rh9 using the tabs or inventory list

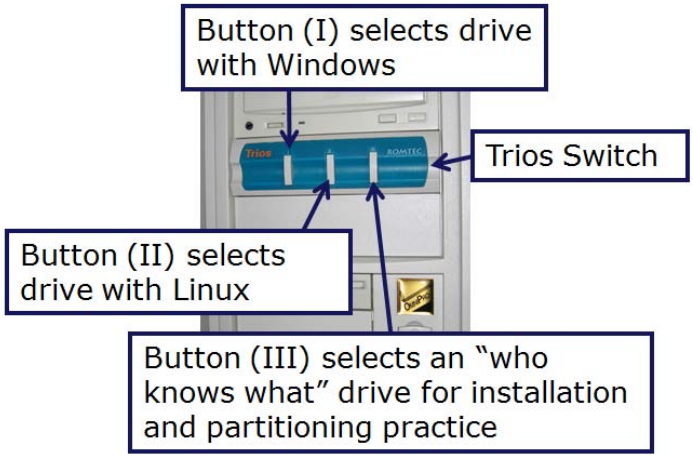
4) Click either green triangle or the link labeled “Start this virtual machine” to startup the Red Hat 9 virtual machine

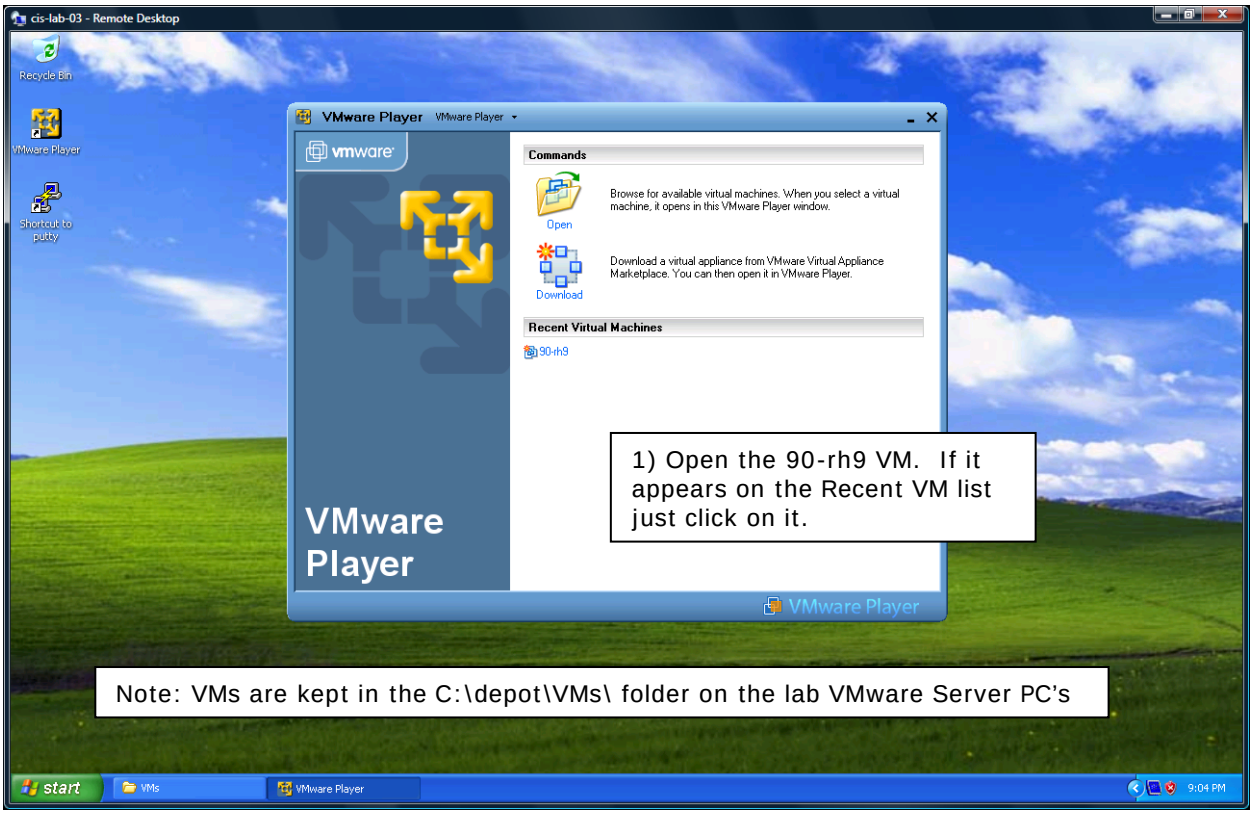
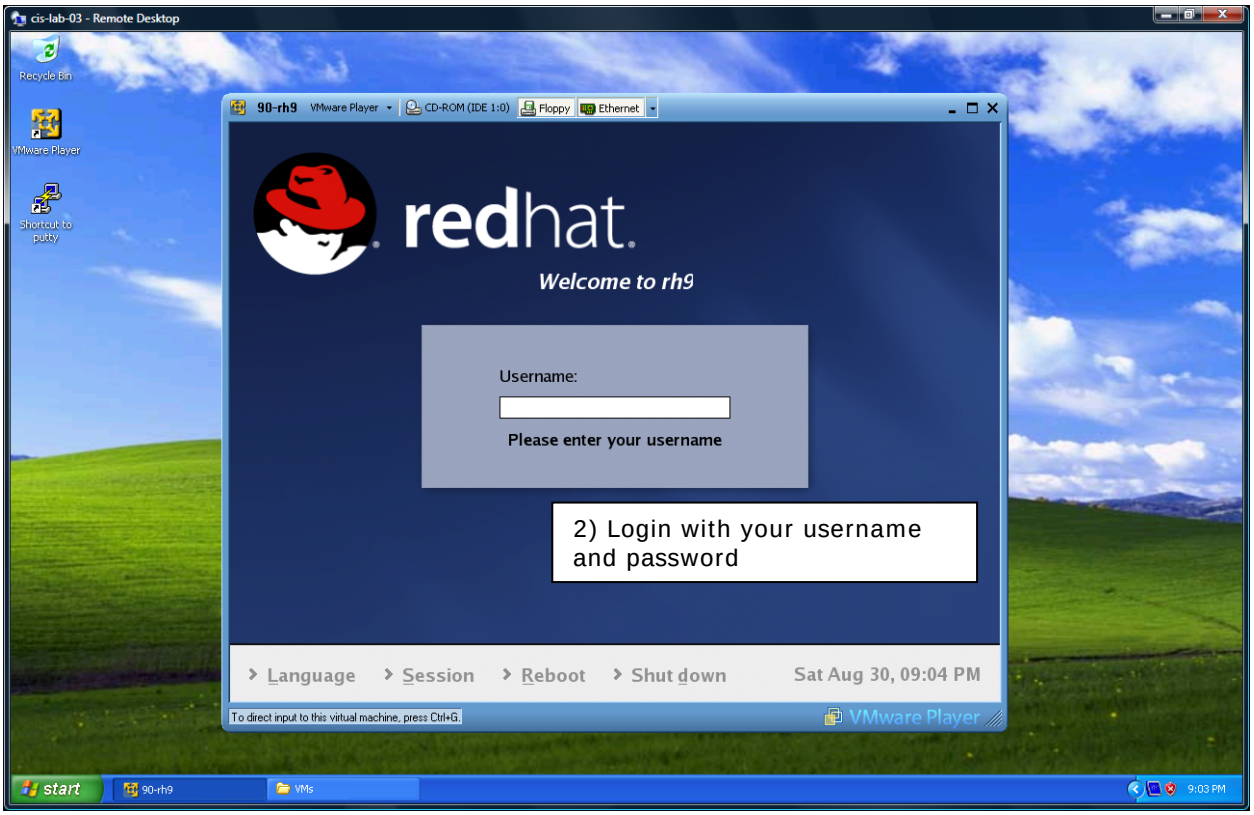
Note: VMs are kept in the C:\depot\VMs\ folder on the lab VMware Server PC’s


cis-lab-03 - Remote Desktop
Local host - VMware Server Console
File Edit View Host VM Power Snapshot Windows Help
Inventory
90-rh9
191-trouble
Home
90-rh9
191-trouble
redhat.
Welcome to rh9
Username:
Please enter your username
4) Login in as cis90 or cisco and use appropriate password
Language
Session
Reboot
Shut down
Sat Aug 30, 08:38 PM
VMware Server 1.0.5
start
Local host - VMware ...
Local host - VMware ...
8:37 PM


cis-lab-03 - Remote Desktop
Local host - VMware Server Console
File Edit View Host VM Power Snapshot Windows Help
Inventory
90-rh9
191-trouble
Home
90-rh9
191-trouble
cis90@rh9:~
File Edit View Terminal Go Help
[cis90@rh9 cis90]$ hostname
rh9
[cis90@rh9 cis90]$ tty
/dev/pts/0
[cis90@rh9 cis90]$ echo $LOGNAME
cis90
[cis90@rh9 cis90]$
Trash
5) To release the mouse cursor out of the VM, press Ctrl and Alt keys at the same time
cis90@rh9:~
Sat Aug 30
8:36 PM
VMware Server 1.0.5
start
Local host - VMware ...
Local host - VMware ...
8:35 PM

PC's with Linux preloaded (Trios button II)



There are some older PC's in room 2504 with Trios switches. The Trios switch allows selecting one of three hard drives. The second hard drive has Linux installed. While the computer is off press the second Trios button in. The PC will power up and run Linux.

Using VMware Player for local Linux