Lab 7

Part I In this assignment you will install a GUI version of Linux.

GUI Installation: 1024 MB RAM 1 CPU 8 GB Hard Drive trusty_desktop installation image disk

Start your new virtual machine by selecting D drive and your installation image. Click the green button.

If your machine won’t start - you may have to delete the machine and create a new one. Sometimes the machines don’t create correctly.

This movie should get you started, though there are a few changes.

Manually assign the IP address.

When installing the GUI version, there will be fewer questions and you will have to configure networking after the install and reboot. To configure networking you will find a little icon near the top-right of your screen (after rebooting). Click on it and -> edit connections. Find the ipv4 settings and configure it similar to your headless install. The IP address of this server will be your base address+3 for the last octet. Netmask is 255.255.255.248. Gateway is your base address+1 for the last octet. The DNS servers are 144.38.192.2 and 144.38.192.3. Hostname will be whatever you wish to call it, though we recommend your name with GUI appended at the end (such as ShaunaGUI). Domain is IT1100. Use your CIT username and password for the root user.

After the installation finishes, restart the server by clicking the RED Power Button in vm.cs.dixie.edu. Wait for the machine to enter the red zone, then click the GREEN power button using C drive and no installation disk.

After you have installed and it boots correctly and you can install with your user that you have created, create a new user joe. Login as joe through the GUI. To test that you can ssh as joe, from the terminal (or Putty) type ssh joe@. Run an ls -la.

To pass off

Take a screen shot of your install showing the results of the ls -la command logged in as joe through ssh.

Part II

Build a tunnel and connect to your virtual machine via vnc. Prove (via a screenshot) that you can access your vm through a tunnel. Movie help from osx