CSE 542 Small Home Work Project 1

Assigned: Thus, Aug 26

Due: Tues, Sep 09, 11:00AM

Late submissions will not be accepted

Group effort

Goal:

The primary goal for this project is to familiarize yourself with installing an working operating system.). I define a working system as something where you can locally login and then remotely login to the department server, wizard.cse.nd.edu. Installing operating system lets you see first hand the various operating system modules that are involved in running a working system; device drivers, hard disk paritions etc. In the later projects, you get to modify these systems.

Plan:

For this project, you and your group partner will install two working operating systems and report your experience in a half page report. I suggest that you first install Redhat linux and then try FreeBSD. Redhat worked very hard to give you a graphical user interface (and hence easy installation). If Redhat had done its job, everything should go without a hitch. Try to choose your own disk partition mechanisms (do not choose, Automatic partitioning) option. Next I want you to try FreeBSD, which is lot less user friendly (though the ideas of disks, partitions, drivers are quite similar). You can download the latest kernels from www.redhat.com or www.freebsd.org. If you don't have access to a CD-burner, download the OS that you want to install and then let us know and we can burn a CD for you.

Resources:

You can use the 6 desktops, Gateway13 through Gateway18.cse.nd.edu, available at Cushing 208 for your experiments. **There are other machines in the lab, do not install Linux on the other machines – other classes use it for their course projects.** Coordinate with your peers so that each one gets some time slot to try the experiments. You are not required to leave the machines in a useful state for your friends. You are also free to use your own machines at home/lab etc.