CPSC 5135

Objective: How to gain access to a Linux machine

Goal: Description of acceptable options to obtain Linux machine access.

Note: the CPSC5135 Linux Server is preinstalled with the necessary packages

In this class we will examine a variety of different programming languages. Not all the languages are compatible with Windows or convenient to install within Windows. In an attempt to minimize the requirements and installation time for students, we have provided a Linux server that you may choose to access to complete all coursework. This server is a privileged and if abused your account will be terminated (trying to hack root, forwarding data through this server, etc). Provided below is a list of possible solutions to gain access to a Linux machine (most *nix system are acceptable ie. OSX).

1. Internal Campus Network
   a) Use application called “Putty” to access the CPSC5135 server
      • Server IP Address: 168.26.190.232
      • Server Port Number: 20202
   b) Provide account name
   c) Enter account password

2. External Campus Network
   a) Navigate to web page https://v1.colstate.edu:10443/remote/login
      • Username is the same as Novell
      • Password is the same as Novell
   b) Do step 1

3. Use a live copy of Linux (recommend Fedora or Ubuntu)

4. Install a virtual machine of Linux (recommend Fedora or Ubuntu)
   a) Install an application called “Virtual Box” or “VMWare”
   b) Install your own version of Linux in the virtual machine or use a prebuilt virtual machine from http://virtualboxes.org/images/

5. Partition your hard drive and install Linux