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Lab Assignment # 3

I consider my home computer environment is simple but effective. I got a Desktop that I build myself mainly for my parents to use for surfing the web and paying bills; It has Win 7 Ultimate 32-bit, CPU AMD Phenom X4 9750b, 4 GB DDR2, 500GB HD, I recently added a DVDRW to burn all my cds and a 1GB video card to be able to play my “Diablo 3” game. About software, I use Avast antivirus as my main protection, I also use malwarebytes, Spybot-search and destroy, and advance System care for side protection, I have installed some very useful programs like Teamviewer ( for remote controlling), Speccy ( shows PC specs), Revo Uninstaller ( great uninstaller), Recuva (for recovering deleted files), and Defraggler( for defragmentation)

My home setup is the following, I have Verizon as my ISP, so I got their modem, then the modem connects to my Belkin Router which is the one that provides connectivity for all my devices, I also got a wireless printer connected to my network and I have a 2TB external HDD connected to my router and that way I can share files and to back up to it over my network.

One of the main things I have learned in this class is how important is to have a router between my modem and my PC and also how to configure my router to protect my network, by hiding my SSID, using a strong encryption, or using the MAC filtering option. The other thing that I have learned is to used tools like port scanners (to find ports and services), and Packets sniffers like Wireshark (to analyze my network). And of course I can never forget (because professor said it like a million times) that I should never click on the URL link of an email.