

## Daniel Wells – 12/08/2008 – MSc in Computer Science

### Progress Report:

#### --Masters Progress

- Virtual Network
  - Squid configuration fiddled with to allow only machines from the internal network to have access to it and only if they can authorize themselves with RADIUS as well
  - Fixed squid configuration problems. [*Motto*: Always check for uncommented configuration lines in a default .conf file!]
  - Didn't play with Cacti... Actually installing it right now...
- Documented
  - Yes, almost completely up to date, see next up
- Masters Seminar
  - Went alright. Although I read, which I must not do, I must not have anything to read except some small key notes in future, must prepare more...
- Black Monday [no internet Monday]

#### --Next Up

- Build some How-To docs on SNRG wiki like installing FreeRADIUS, install Squid, making them talk nice with *squid\_radius\_auth*. Add some interesting tips and tricks to help those learning FreeBSD. [**Thursday deadline**]
- Play with Cacti, get SNMP running with Access Concentrator and Squid cache, and SNMP running with FreeRADIUS server. Play with configuration to learn how to use it.
- Document
  - Include some traceroutes around the network and to common websites
  - Document just needs some fixing, majority of the information is there, it just needs to be laid out much nicer
  - Finish FreeRADIUS section on installation of MySQL
  - Add interesting tips and tricks everyone uses to get around FreeBSD (ie: installing bash and making it default shell for all users)
- Keep a log of what I'm doing everyday...
  
- Totally unrelated and for the COE:
  - Ghost machine with image using g4u and nyaluza image
  - Fix any errors and/or the windows install due to different hardware