ABO Proxy Replacement Server Configuration

1. Download required file(s)
   1. Downloaded Debian “Jessie” 64 bit NetImage ISO
      1. NetInstall is the only one we can download here, the full install ISOs require BitTorrent.
2. Prep Install
   1. “Burn” ISO to USB flash drive
      1. I used Mac Disk Utility for this, Debian mentions a tool for Windows called

win32diskimager if that is your OS.

1. Perform install of OS
   1. Ran Debian install in default mode (non-graphical)
      1. Created 2 users: root and padmin (proxy admin)
      2. Needed to switch Websense in order to allow the NetInstall to download necessary packages as there is no way to authenticate
      3. Disk partitioning - Used separate “/” / “/var” / “/home” partition template (in case logs get crazy it won’t blow up the OS)
2. Perform install of ssh
   1. Install SSH
      1. apt install ssh
3. Perform install & config of NGINX
   1. Install NGINX
      1. apt install nginx
   2. Delete default nginx virtual server
      1. rm /etc/nginx/sites-enabled/default
   3. Modify example template to utilize our settings
      1. cp /etc/nginx/sites-available/example /etc/nginx/sites-available/reverse-proxy
      2. nano /etc/nginx/sites-available/reverse-proxy
   4. Edit NGINX conf – nano /etc/nginx/nginx.conf
      1. nano /etc/nginx/nginx.conf
   5. Restart NGINX
      1. service nginx restart
4. Special Notes
   1. We are missing required files (“Firmware?”) to enable WiFi. Not necessary since this will be a wired connection.