ABO Proxy Replacement Meeting

Date: 06/17/2015

Time: 2:00 PM

Location: Lewis-Edwards Conference Room

Present: Shane, Erik

# Agenda

1. Interim solution for redundancy in case of failure
   1. Have backed up entire filesystem of preexisting ABO proxy using TAR in case of disaster
   2. Clone current system?
      1. Possible, but a lot more work and more difficult that reinstalling on new machine.
   3. Current plan:
      1. NGINX
         1. Documentation - Critical
         2. Get NGINX up and running, proxying (DONE)
         3. Review existing configuration to determine what was hardened (firewall) - IN PROGRESS
         4. Begin hardening NGINX, determine what we want to do
            1. NGINX hardening best practices
            2. OS hardening best practices
            3. Firewall (IPTables)
            4. SSH - On or off?
            5. Fail2ban/DenyHosts?
         5. Clone system & test clone restore (MAKE SURE TO CLONE PRIOR TO CHANGING IP TO EXTERNAL)
         6. Update process - important to ensure we stay secure.

NOT set and forget.

Most critical on this system. Need to keep OS & NGINX up to date.

apt upgrade nginx

apt update -> apt full-upgrade (OS minor versions only, major versions must be done differently)

1. Permanent / Long Term Solution
   1. Continue speaking with consultants
   2. Start reviewing security consultants as well as networking/infrastructure consultants