ABO Proxy Live Test Plan

Please note: All pertinent & critical information to be documented.

1. Discovery
   1. What port on switch stack is mail plugged into? **5,2**
   2. What port on switch stack is the proxy replacement plugged into? **7,41**
   3. What patch panel port is mail plugged into? **It isn’t -- direct to switch**
   4. What patch panel port is the proxy replacement plugged into? **E16**
   5. Mail
      1. Check to see if Sweetpea is using this for mail (or anyone else)
      2. **Per Mike Sweetpea is not.**
   6. Proxy server config
      1. What subnet mask is used? **255.255.255.224**
      2. What DNS servers are used? **65.106.1.196, 65.106.7.196**
      3. What IP should be used? **66.238.168.66**
      4. What gateway should be used? **66.238.168.65**
      5. What network should be used? **66.238.168.64**
      6. What broadcast should be used? **66.238.168.95**
      7. What search domain should be used? **Avantipress.com**
      8. What settings should be used for nginx global / virtual server config?
         1. VirtualHost IP / Name should be **66.238.168.66:80**
2. Test Settings Implementation
   1. Create backup of VMDK
   2. Disconnect mail from 5,2
   3. Make required changes to new proxy server
      1. Reconfigure network configuration
         1. Copy existing network config to backup
         2. In /etc/sysconfig/network-scripts
            1. Make a copy of ifcfg-eno16777728
         3. Launch nmtui and implement as many changes as possible above
         4. For broadcast, edit the file backed up above and create line BROADCAST=<IPADDR> where <IPADDR> is the broadcast IP
         5. For netmask, edit the file backed up above and create line NETMASK=<NMADDR> where <NMADDR> is the Subnet Mask above
      2. Reconfigure nginx configuration
         1. Copy existing nginx config to backup
         2. Change server\_name directive to **66.238.168.66**
      3. Disable remote ssh access
         1. Systemctl disable sshd
         2. Service sshd stop
      4. Power down server
         1. Shutdown now
      5. Disconnect proxy from 7,41 and E16
      6. Connect provided patch cable from E16 to 5,2
      7. Via vSphere, power on proxy
      8. Via vSphere console, confirm server is up
3. Individual Live Test Checklist
   1. Confirm <http://66.238.168.66/sweetpea/abo/> accessible from Mozilla, Chrome, Safari, IE
   2. Confirm <http://66.238.166.66/sweetpea/abo/> accessible from Omni’s WiFi network
   3. Perform ABO Proxy - ABO Test Checklist Live using Omni’s WiFi, or use Starbucks:
      1. (E&Y bldg.) Schedule: M-F 6-9 PM, S&S - 7-8 PM
   4. If no issues, schedule extended live test to be performed over 1-2 weeks by all ABO users
   5. Tweak settings above as needed
4. Primary Live Test
   1. Live test using test settings above
   2. Monitor growth rate of error / access logs daily