# Fonality trixbox Pro Installation

1. Download the latest ISO
   a. Go to http://www.fonality.com/software-download
   b. Make sure you choose the appropriate version for you trixbox.  A *new* trixbox will need the 12.6 Pro on CentOS 6.4

2. Burn the ISO image to a blank CD.
   a. In Windows 7, right click the .iso file and open with Windows Disc Image Burner
   b. In previous versions of Windows you may need to download a third party Image Burner
   c. In other operating system, follow the instructions for that particular vendor.

3. Make sure you have an Ethernet cable plugged into the first Ethernet port (usually labeled 0 or 1)

4. If your trixbox server does not have a built in CD reader, you may need to connect an external drive.
   a. You must boot from the CD drive, if you use an external drive the server should be set to read the CD first in the boot sequence.

5. When the trixbox installer first boots you are presented with several selections.  Choose the one that matches your hard drive configuration.
   a. Install trixbox Pro – Use this option if you have a single drive or hardware RAID
   b. Install trixbox Pro with software RAID
      *note* if you have hardware RAID – select one of the single drive configurations as your RAID will be handled by the hardware controller and not the OS

6. On the next screen, select your keyboard type (us is default)

7. The system will proceed through setting up the install and copying the necessary files and packages from the install media.  This process may take a while.

8. Once the installation has completed, your CD will be ejected and you will be asked to reboot they system.  Make sure you remove the CD from the drive so that you do not reload the installer upon reboot.

9. The system will reboot and run through its initial setup process.

10. After the initial setup process you will be presented with an *inactive* login. You will need your activation credentials for this process. If you do not have than info (the username starts with tbadmin…) you should contact your sales rep to have that re-sent.

11. At inactive login: type activate and press enter

12. The system will attempt to retrieve an address from DHCP for eth0.
    a. If you do not have a DHCP server, you may press 2 to set a static IP address
    b. Make sure you enter all of the relevant information if you plan to use a static IP, the server must be able to reach the internet to complete the activation.

13. Once your network connection is properly configured, press 3 to "keep my current configuration" and proceed with activation.

14. Enter your activation username (tbadminXXXXXX)

15. Enter your activation password

16. The system will activate with Fonality's servers and will proceed to complete the setup. This process could take a few minutes. It is important to not interrupt the system at this point. It may appear to hang at certain points, this is normal.

17. You will be asked if you would like to enable the DHCP server on the second Ethernet interface (if your server is so equipped,) unless you have a specific reason for doing so, do not enable this – select NO

18. After several minutes you will see a login prompt on your screen (trixboxXXXXXX login: )
    a. The username/password are ip/ip
    b. This brings you to the network config/troubleshooter menu. If you wish to change network configuration (IP address, Static IP vs. DHCP) you may do so from this menu.

19. At this point your system is up and running, and will be accessible from cp.trixbox.com using your activation credentials. You may wish to login to the control panel at that address at this point to begin configuring your extensions, users, and dial tone.

20. If you have a PRI or analog lines, plug them into the appropriate ports on the server and go to cp.trixbox.com to configure.
    a. SIP service does not require an additional cable to be plugged in, but will need to be configured in the control panel under "Settings -> VoIP"

21. Be sure to make some test calls with the following scenarios: ext to ext, ext to outside local number, ext to long distance number, inbound calling.

22. At this point your system is installed.  There are numerous customizations that can be made to the system through the control panel that will tailor the system to your business needs.  For additional information please see http://help.fonality.com

### For an LBS:

The LBS should be on the same network as the primary server.

Be sure that is has a different IP address on the same subnet as the primary, it must be reachable on the local network to function properly.

The LBS installation is similar to primary, follow steps 3 through 20, making sure you enter the appropriate tbadminXXXXXX username and password for the backup server in steps 14 and 15.  *DO NOT* use the same credentials for both servers.

The LBS will have the exact same configuration as the primary server therefore it is not necessary to configure this server via the control panel once it is up and running.