**Install Pre-Requisites:**apt-get install build-essential autoconf automake libtool flex bison libssl-dev libnewt-dev libncurses5-dev linux-headers-`uname -r`  
apt-get install sox curl subversion subversion-tools  
apt-get install mysql-client mysql-server libmysqlclient-dev  
apt-get install php5 php5-cli php5-curl php5-gd php5-json php5-mcrypt php5-mhash php5-mysql php5-suhosin php5-xmlrpc php5-xsl php-pear  
apt-get install apache2 apache2-mpm-prefork **Setup Accounts:**adduser --system --home /var/lib/asterisk --group asterisk  
mkdir /var/run/asterisk  
chown -R asterisk:asterisk /var/run/asterisk **Download Asterisk:**wget <http://downloads.digium.com/pub/asterisk/asterisk-1.4.13.tar.gz>  
wget <http://downloads.digium.com/pub/asterisk/asterisk-addons-1.4.4.tar.gz>  
wget <http://downloads.digium.com/pub/zaptel/zaptel-1.4.6.tar.gz>  
wget <http://downloads.digium.com/pub/libpri/libpri-1.4.2.tar.gz> **Uncompress Asterisk Sources:**  
tar xzvf asterisk-1.4.13.tar.gz  
tar xzvf asterisk-addons-1.4.4.tar.gz  
tar xzvf zaptel-1.4.6.tar.gz   
tar xzvf libpri-1.4.2.tar.gz

**Compile Asterisk Sources:**cd zaptel-1.4.6 && ./configure && make install config && cd -cd asterisk-1.4.13 && ./configure && make install && make samples && cd -cd asterisk-addons-1.4.4 && ./configure && make install && cd -cd libpri-1.4.2 && make && make install && cd -

**Setup MySQL:**mysqladmin -u root password '<PASSWORD>'mysqladmin -p create asterisk create asteriskcdrdbecho "GRANT ALL PRIVILEGES ON asterisk.\* TO asterisk@localhost IDENTIFIED BY '<PASSWORD>';" | mysql -u root –pecho "GRANT ALL PRIVILEGES ON asteriskcdrdb.\* TO asterisk@localhost IDENTIFIED BY '<PASSWORD>';" | mysql -u root -p

**Configure Asterisk Files:**(/etc/apache2/apache2.conf):  
 User asterisk Group asterisk

(/etc/asterisk/asterisk.conf):   
 astrundir => /var/run/asterisk

(/etc/php5/apache2/php.ini):   
 post\_max\_size = 20M  
 upload\_max\_filesize = 20M

**Install PEAR for PHP:**pear install db

**Setup Asterisk:**<copy asterisk init file to server>chmod +x /etc/init.d/asterisk/etc/init.d/asterisk startnano /etc/inittab <remove unused gettys 2-6>chown -R asterisk:asterisk /var/spool/asterisk/chown -R asterisk:asterisk /var/log/asterisk/

**Setup FreePBX:**  
svn co https://amportal.svn.sourceforge.net/svnroot/amportal/freepbx/branches/2.3/ /usr/src/freepbx  
mysql -p asterisk < /usr/src/freepbx/SQL/newinstall.sql  
mysql -p asteriskcdrdb < /usr/src/freepbx/SQL/cdr\_mysql\_table.sql  
cd /usr/src/freepbx && ./install\_amp && cd -

**Update Ubuntu Startup Files:**  
update-rc.d zaptel defaults  
update-rc.d asterisk defaults

**Setup Zaptel if Required:**  
(/etc/zaptel.conf)  
 span=1,0,0,esf,b8zs  
 bchan=1-23  
 dchan=24

**Load Zaptel Modules:**  
modprobe zaptel  
modprobe wct1xxp  
ztcfg -vv

**Visit the Web Interface:**  
http://<yourhostname>/html/