[Vicidial scratch installation in Centos 6.5 , with asterisk 1.8, latest dahdi and latest SVN version](http://striker24x7.blogspot.com/2013/04/step-by-step-guide-to-install-vicidial.html)

***Vicidial scratch installation in Centos 6.X  with Asterisk 1.8 , latest Vicidial***

http://1.bp.blogspot.com/-5Rxf8JPExYI/VV9sd7-Lc4I/AAAAAAAAAVQ/RL3jcz2M02Y/s400/vicidial_scratch_install.PNG

***Steps Involved***

1. Centos 6.X os installation

2. Dependencies , supporting software and CPAN Modules

3. Asterisk , dahdi , libpri installation

4. Vicidial installation

***Step 1*** : Centos 6.X  installation

The Centos 6.X can be download from the following Link

<http://wiki.centos.org/Download>

Centos 6.X installation steps can be found from following Link

<http://www.tecmint.com/centos-6-5-installation-guide-with-screenshots/>

Disable Firewall and Selinux before starting the Installations

***Stopping the Firewall***

iptables -F

service iptables save

***Disabling the Selinux***

vi /etc/selinux/config

# This file controls the state of SELinux on the system.

# SELINUX= can take one of these three values:

# enforcing - SELinux security policy is enforced.

# permissive - SELinux prints warnings instead of enforcing.

# disabled - SELinux is fully disabled.

SELINUX=disabled

# SELINUXTYPE= type of policy in use. Possible values are:

# targeted - Only targeted network daemons are protected.

# strict - Full SELinux protection.

SELINUXTYPE=targeted # SETLOCALDEFS= Check local definition changes SETLOCALDEFS=0

***Step 2*** : ***Dependencies , supporting software and Perl Modules installation***

First Update the OS for the lastest Kernel and other softwares and reboot

yum –y update

reboot

***Dependencies  Installation :***

yum install make patch gcc gcc-c++ subversion php php-devel php-gd gd-devel php-mbstring php-mcrypt php-imap php-ldap php-mysql php-odbc php-pear php-xml php-xmlrpc curl curl-devel perl-libwww-perl ImageMagick libxml2 libxml2-devel httpd libpcap libpcap-devel libnet ncurses ncurses-devel screen mysql-server mysql-devel ntp kernel\* mutt glibc.i686

Setup Mysql

/etc/init.d/mysqld start

mysql\_secure\_installation     
chkconfig mysqld on

service mysqld stop

cp /etc/my.cnf /etc/my.cnf.original

echo ""> /etc/my.cnf

vi /etc/my.cnf    ; copy the below config to this file.

[mysql.server]

user = mysql

#basedir = /var/lib

[client]

port = 3306

socket = /var/lib/mysql/mysql.sock

[mysqld]

datadir = /var/lib/mysql

#tmpdir = /home/mysql\_tmp

socket = /var/lib/mysql/mysql.sock

user = mysql

old\_passwords = 0

ft\_min\_word\_len = 3

max\_connections = 800

max\_allowed\_packet = 32M

skip-external-locking

log-error = /var/log/mysqld/mysqld.log

query-cache-type = 1

query-cache-size = 32M

long\_query\_time = 1

#slow\_query\_log = 1

#slow\_query\_log\_file = /var/log/mysqld/slow-queries.log

tmp\_table\_size = 128M

table\_cache = 1024

join\_buffer\_size = 1M

key\_buffer = 512M

sort\_buffer\_size = 6M

read\_buffer\_size = 4M

read\_rnd\_buffer\_size = 16M

myisam\_sort\_buffer\_size = 64M

max\_tmp\_tables = 64

thread\_cache\_size = 8

thread\_concurrency = 8

# If using replication, uncomment log-bin below

#log-bin = mysql-bin

[mysqldump]

quick

max\_allowed\_packet = 16M

[mysql]

no-auto-rehash

[isamchk]

key\_buffer = 256M

sort\_buffer\_size = 256M

read\_buffer = 2M

write\_buffer = 2M

[myisamchk]

key\_buffer = 256M

sort\_buffer\_size = 256M

read\_buffer = 2M

write\_buffer = 2M

[mysqlhotcopy]

interactive-timeout

[mysqld\_safe]

#log-error = /var/log/mysqld/mysqld.log

#pid-file = /var/run/mysqld/mysqld.pid

mkdir /var/log/mysqld  
mv /var/log/mysqld.log /var/log/mysqld/mysqld.log  
touch /var/log/mysqld/slow-queries.log  
chown -R mysql:mysql /var/log/mysqld  
service mysqld restart

***Update the Timezone***

Configure the system time and update it.

Customize the timezone. Take a look inside **/usr/share/zoneinfo/** for all possible values.

rm /etc/localtime  
ln -sf /usr/share/zoneinfo/Asia/Kolkata /etc/localtime

ntpdate -u pool.ntp.org 2

***Setup CPAN and install libraries***

yum install perl-CPAN  
yum install perl-YAML  
perl -MCPAN -e shell     ; just press enter for all the questions.

You will then go through CPAN setup, just hit ENTER for most prompts except  
for the mirrors list, you will want to select at least 4 mirrors

yes for manual configuration

enter for the next 18 prompts

for the **"make install"** option, it's a good idea to add **UNINST=1**

enter for the next 4 prompts

select your continent and country

select a few cpan mirrors

enter for the next 2 prompts

Once you see the **cpan>** prompt you can begin installing modules.

install CPAN::Meta::Requirements

install CPAN

reload cpan

install YAML

install MD5

install Digest::MD5

install Digest::SHA1

install readline

install Bundle::CPAN

reload cpan resumne

install DBI

force install DBD::mysql

install Net::Telnet

install Time::HiRes

install Net::Server

install Switch

install Mail::Sendmail

install Unicode::Map

install Jcode

install Spreadsheet::WriteExcel

install OLE::Storage\_Lite

install Proc::ProcessTable

install IO::Scalar

install Spreadsheet::ParseExcel

install Curses

install Getopt::Long

install Net::Domain

install Term::ReadKey

install Term::ANSIColor

install Spreadsheet::XLSX

|  |
| --- |
| install Spreadsheet::XLSX |
| install Test::Tester |
| install Spreadsheet::ReadSXC |
| install Text::CSV |
| install Test::NoWarnings |
| install Text::CSV\_PP |
| install File::Temp |
| install Text::CSV\_XS |
| install Spreadsheet::Read |

install Spreadsheet::Read

install LWP::UserAgent

install HTML::Entities

install HTML::Strip

install HTML::FormatText

install HTML::TreeBuilder

install Time::Local

install MIME::Decoder

install Mail::POP3Client

install Mail::IMAPClient

install Mail::Message

install IO::Socket::SSL

install MIME::Base64

install MIME::QuotedPrint

install Crypt::Eksblowfish::Bcrypt

quit

In the end, I usually run all these commands once again to make sure its all installed. and make sure you get following output for each modul

cpan> install Mail::Message

Mail::Message is up to date (2.115).

cpan> install MIME::QuotedPrint

MIME::QuotedPrint is up to date (3.13).

***Installing the Asterisk-Perl module***

*NOTE: Do NOT use the 0.09 or any newer version, they do not work with ViciDial.*

cd /usr/src  
wget http://download.vicidial.com/required-apps/asterisk-perl-0.08.tar.gz  
tar -zxf asterisk-perl-0.08.tar.gz  
cd asterisk-perl-0.08  
perl Makefile.PL  
make all  
make install

***Installing additional software from source***

Next, you will download, compile and install the following software.

lame

ttyload

iftop

mtop

mytop

htop

sipsak

ploticus

***LAME***:

*LAME is an MP3 encoder used to convert audio files from WAV to MP3. Some prefer GSM usually, but others have standardized on MP3 so you would need this utility to be loaded to use that option.*

cd /usr/src  
wget http://downloads.sourceforge.net/project/lame/lame/3.99/lame-3.99.5.tar.gz  
tar -zxf lame-3.99.5.tar.gz  
cd lame-3.99.5  
./configure  
make  
make install

***SOX***:

*SoX is a cross-platform command line utility that can convert various formats of computer audio files in to other formats.*

cd /usr/src  
wget http://downloads.sourceforge.net/project/sox/sox/14.4.1/sox-14.4.1.tar.gz  
tar -zxf sox-14.4.1.tar.gz  
cd sox-14.4.1  
./configure  
make -s  
make install

***TTYLOAD: not requierd***

*ttyload is a simple terminal application that shows the processor load in a graphical time-based scrolling graph. I use it to view how loaded the system is and it visualizes load spikes very well.*

cd /usr/src  
wget http://download.vicidial.com/required-apps/ttyload-0.5.tar.gz  
tar -xvzf ttyload-0.5.tar.gz  
cd ttyload-0.5  
nano ttyload.h  
  
   insert this #include directive just above the #define directives, then save and close the ttyload.h file  
   #include <time.h>  
  
make  
ln -s /usr/src/ttyload-0.5/ttyload /usr/bin/ttyload

***IFTOP: not requierd***

*iftop is a good console bandwidth visualization tool that shows you active connections, where they are going to/from and how much of your precious bandwidth they are using.*

cd /usr/src  
wget http://www.ex-parrot.com/~pdw/iftop/download/iftop-0.17.tar.gz  
tar -zxf iftop-0.17.tar.gz  
cd iftop-0.17  
./configure  
make  
make install

***MTOP: not requierd***

*mtop is a great utility for real-time monitoring of mysql and the queries that are running in it.  
Note: the root mysql password must be blank before installing this*

cd /usr/src  
wget http://download.vicidial.com/required-apps/mtop-0.6.6.tar.gz  
tar -zxf mtop-0.6.6.tar.gz  
cd mtop-0.6.6  
perl Makefile.PL  
make  
make install

***MYTOP***: not required

*mytop is is an optional utility for monitoring the threads and overall performance of mysql  
Note: the root mysql password must be blank before installing this*

cd /usr/src  
wget http://jeremy.zawodny.com/mysql/mytop/mytop-1.6.tar.gz  
tar -zxf mytop-1.6.tar.gz  
cd mytop-1.6  
perl Makefile.PL  
make  
make test  
make install

***HTOP: Not Requierd***

*htop is an interactive process viewer for Linux*

cd /usr/src  
wget http://downloads.sourceforge.net/project/htop/htop/1.0.2/htop-1.0.2.tar.gz  
tar -zxf htop-1.0.2.tar.gz  
cd htop-1.0.2  
./configure  
make  
make install

***SIPSAK: Not Requierd***

*sipsak is an optional utility that VICIDIAL can use to send messages to an agent's SIP-based phone(like the Snom 320) to display text on their LCD screen.*

cd /usr/src  
wget http://download.vicidial.com/required-apps/sipsak-0.9.6-1.tar.gz  
tar -zxf sipsak-0.9.6-1.tar.gz  
cd sipsak-0.9.6  
./configure  
make  
make install  
/usr/local/bin/sipsak --version

***PLOTICUS: - Not Requierd***

*ploticus is a free graph creation package that allows you to create line graphs within PNG files simply by creating a config file and a data file. ViciDial uses this package to generate server performance graphs that can be displayed real-time within the ViciDial reports page.*

cd /usr/src  
wget http://downloads.sourceforge.net/project/ploticus/ploticus/2.42/ploticus242\_src.tar.gz  
tar -zxf ploticus242\_src.tar.gz  
cd ploticus242/src/  
make clean  
make  
make install  
mkdir -p /var/www/html/vicidial/ploticus/   
cp pl /var/www/html/vicidial/ploticus/

***eAccelerator :***

wget http://downloads.sourceforge.net/project/eaccelerator/eaccelerator/eAccelerator%200.9.6.1/eaccelerator-0.9.6.1.zip  
unzip eaccelerator-0.9.6.1.zip  
cd eaccelerator-0.9.6.1  
export PHP\_PREFIX="/usr"  
$PHP\_PREFIX/bin/phpize  
./configure --enable-eaccelerator=shared --with-php-config=$PHP\_PREFIX/bin/php-config  
make  
make install

***Configure php.ini***

vi /etc/php.ini

Change the following values in your php.ini file.

Customize the date.timezone so you don't end up with a bunch of php errors complaining about it not being defined.

error\_reporting  =  E\_ALL & ~E\_NOTICE

memory\_limit = 48M

short\_open\_tag = On

max\_execution\_time = 330

max\_input\_time = 360

post\_max\_size = 48M

upload\_max\_filesize = 42M

default\_socket\_timeout = 360

date.timezone = Asia/Kolkata

Add the following lines to the dynamic extensions section of php.ini:

Note: For CentOS 32-bit, use this below: **zend\_extension="/usr/lib/php/modules/eaccelerator.so"**

;Dynamic Extensions

zend\_extension="/usr/lib64/php/modules/eaccelerator.so"

;For CentOS 32-bit: zend\_extension="/usr/lib/php/modules/eaccelerator.so"

eaccelerator.shm\_size="48"

eaccelerator.cache\_dir="/tmp/eaccelerator"

eaccelerator.enable="1"

eaccelerator.optimizer="1"

eaccelerator.check\_mtime="1"

eaccelerator.debug="0"

eaccelerator.filter=""

eaccelerator.shm\_max="0"

eaccelerator.shm\_ttl="0"

eaccelerator.shm\_prune\_period="0"

eaccelerator.shm\_only="0"

eaccelerator.compress="1"

eaccelerator.compress\_level="9"

mkdir /tmp/eaccelerator  
chmod 0777 /tmp/eaccelerator  
php –v

***Editing the Apache config file***

**vi /etc/httpd/conf/httpd.conf**

To disable logging, change:

CustomLog logs/access\_log common

        to this:

CustomLog /dev/null common

***To enable web browsing of Recordings on Asterisk server, add the below line  at last line of httpd.conf***

Alias /RECORDINGS/ "/var/spool/asterisk/monitorDONE/"  
  
<Directory "/var/spool/asterisk/monitorDONE">  
    Options Indexes MultiViews  
    AllowOverride None  
    Order allow,deny  
    Allow from all  
        <files \*.mp3>  
            Forcetype application/forcedownload  
        </files>  
</Directory>

Restart the Apache web server to apply the changes

service httpd restart  
chkconfig httpd on

***Installing Asterisk***

*Any time you upgrade the Linux kernel you must recompile/install dahdi for the new kernel.*

*Asterisk must be compiled with dahdi support.*

***Note: The install MUST be done in the following order:***

*Minor note:****dahdi-linux-complete-current.tar.gz****and****libpri-1.4-current.tar.gz****may contain an updated version than what I am currently using, therefore the directory names may be different than shown below.*

mkdir /usr/src/asterisk Sequence For install Asterisk - 1. dhadi 2. lib 3. Asterisk  
cd /usr/src/asterisk  
wget <http://download.vicidial.com/required-apps/asterisk-1.8.23.0-vici.tar.gz>

wget <http://download.vicidial.com/required-apps/asterisk-11.22.0-vici.tar.gz-> run this   
wget <http://downloads.asterisk.org/pub/telephony/dahdi-linux-complete/dahdi-linux-complete-current.tar.gz>- this new

new : <http://61.12.17.162:9098/Common-Dahdi/dahdi-linux-complete-2.9.1.1+2.9.1.tar.gz>

RUN Below Dahdi :::::::

New : <http://downloads.asterisk.org/pub/telephony/dahdi-linux-complete/dahdi-linux-complete-2.9.1.1+2.9.1.tar.gz> use this

wget <http://downloads.asterisk.org/pub/telephony/libpri/libpri-1.4-current.tar.gz>

new :wget <http://downloads.asterisk.org/pub/telephony/libpri/libpri-current.tar.gz> use this

tar -zxf asterisk-1.8.23.0-vici.tar.gz  
tar -zxf dahdi-linux-complete-current.tar.gz  
tar -zxf libpri-1.4-current.tar.gz  
cd ../dahdi-linux-complete-2.9.1.1+2.9.1  
yum –y update

make clean

make all  
make install  
make config   
cd ../../libpri-1.4.15  
make clean  
make  
make install

Use The below Command To install Asterisk - use this

Cd asterisk11.20.l20 directory

./configure --libdir=/usr/lib64

make menuselect

make

make install

make samples   
 make config

chkconfig asterisk on

service dahdi restart  
chkconfig dahdi on  
modprobe dahdi

***Installing audio files***

Download the audio files

cd /usr/src  
wget http://downloads.digium.com/pub/telephony/sounds/asterisk-core-sounds-en-ulaw-current.tar.gz  
wget http://downloads.digium.com/pub/telephony/sounds/asterisk-core-sounds-en-wav-current.tar.gz  
wget http://downloads.digium.com/pub/telephony/sounds/asterisk-core-sounds-en-gsm-current.tar.gz  
wget http://downloads.digium.com/pub/telephony/sounds/asterisk-extra-sounds-en-ulaw-current.tar.gz  
wget http://downloads.digium.com/pub/telephony/sounds/asterisk-extra-sounds-en-wav-current.tar.gz  
wget http://downloads.digium.com/pub/telephony/sounds/asterisk-extra-sounds-en-gsm-current.tar.gz  
wget http://downloads.asterisk.org/pub/telephony/sounds/asterisk-moh-opsound-gsm-current.tar.gz  
wget http://downloads.asterisk.org/pub/telephony/sounds/asterisk-moh-opsound-ulaw-current.tar.gz  
wget http://downloads.asterisk.org/pub/telephony/sounds/asterisk-moh-opsound-wav-current.tar.gz

***Place the audio files in their proper places***

cd /var/lib/asterisk/sounds  
tar -zvxf /usr/src/asterisk-core-sounds-en-gsm-current.tar.gz  
tar -zxvf /usr/src/asterisk-core-sounds-en-ulaw-current.tar.gz  
tar -zxfv /usr/src/asterisk-core-sounds-en-wav-current.tar.gz  
tar -zxvf /usr/src/asterisk-extra-sounds-en-gsm-current.tar.gz  
tar -zxfv /usr/src/asterisk-extra-sounds-en-ulaw-current.tar.gz  
tar -zvxf /usr/src/asterisk-extra-sounds-en-wav-current.tar.gz  
  
mkdir /var/lib/asterisk/mohmp3  
mkdir /var/lib/asterisk/quiet-mp3  
ln -s /var/lib/asterisk/mohmp3 /var/lib/asterisk/default  
  
cd /var/lib/asterisk/mohmp3  
tar -zxf /usr/src/asterisk-moh-opsound-gsm-current.tar.gz  
tar -zxvf /usr/src/asterisk-moh-opsound-ulaw-current.tar.gz  
tar -zxfv /usr/src/asterisk-moh-opsound-wav-current.tar.gz  
rm -f CHANGES\*  
rm -f LICENSE\*  
rm -f CREDITS\*  
  
cd /var/lib/asterisk/moh  
rm -f CHANGES\*  
rm -f LICENSE\*  
rm -f CREDITS\*  
  
cd /var/lib/asterisk/sounds  
rm -f CHANGES\*  
rm -f LICENSE\*  
rm -f CREDITS\*  
  
  
cd /var/lib/asterisk/quiet-mp3  
sox ../mohmp3/macroform-cold\_day.wav macroform-cold\_day.wav vol 0.25  
sox ../mohmp3/macroform-cold\_day.gsm macroform-cold\_day.gsm vol 0.25  
sox -t ul -r 8000 -c 1 ../mohmp3/macroform-cold\_day.ulaw -t ul macroform-cold\_day.ulaw vol 0.25  
sox ../mohmp3/macroform-robot\_dity.wav macroform-robot\_dity.wav vol 0.25  
sox ../mohmp3/macroform-robot\_dity.gsm macroform-robot\_dity.gsm vol 0.25  
sox -t ul -r 8000 -c 1 ../mohmp3/macroform-robot\_dity.ulaw -t ul macroform-robot\_dity.ulaw vol 0.25  
sox ../mohmp3/macroform-the\_simplicity.wav macroform-the\_simplicity.wav vol 0.25  
sox ../mohmp3/macroform-the\_simplicity.gsm macroform-the\_simplicity.gsm vol 0.25  
sox -t ul -r 8000 -c 1 ../mohmp3/macroform-the\_simplicity.ulaw -t ul macroform-the\_simplicity.ulaw vol 0.25  
sox ../mohmp3/reno\_project-system.wav reno\_project-system.wav vol 0.25  
sox ../mohmp3/reno\_project-system.gsm reno\_project-system.gsm vol 0.25  
sox -t ul -r 8000 -c 1 ../mohmp3/reno\_project-system.ulaw -t ul reno\_project-system.ulaw vol 0.25  
sox ../mohmp3/manolo\_camp-morning\_coffee.wav manolo\_camp-morning\_coffee.wav vol 0.25  
sox ../mohmp3/manolo\_camp-morning\_coffee.gsm manolo\_camp-morning\_coffee.gsm vol 0.25  
sox -t ul -r 8000 -c 1 ../mohmp3/manolo\_camp-morning\_coffee.ulaw -t ul manolo\_camp-morning\_coffee.ulaw vol 0.25

***Installing astGUIclient (ViciDial)***

First, login to mysql to create the database, add a couple users and assign privileges.

mysql -u root –p

Enter these MySQL commands:

CREATE DATABASE `asterisk` DEFAULT CHARACTER SET utf8 COLLATE utf8\_unicode\_ci;

CREATE USER 'cron'@'localhost' IDENTIFIED BY '1234';  
GRANT SELECT,INSERT,UPDATE,DELETE,LOCK TABLES on asterisk.\* TO cron@'%' IDENTIFIED BY '1234';  
GRANT SELECT,INSERT,UPDATE,DELETE,LOCK TABLES on asterisk.\* TO cron@localhost IDENTIFIED BY '1234';  
GRANT RELOAD ON \*.\* TO cron@'%';  
GRANT RELOAD ON \*.\* TO cron@localhost;  
flush privileges;  
quit

I am going to install the latest 2.x SVN trunk which happens to be version 2.8 at the time of writing this guide

mkdir /usr/src/astguiclient  
cd /usr/src/astguiclient  
svn checkout svn://svn.eflo.net:3690/agc\_2-X/trunk  
cd trunk  
perl install.pl

You will have to define various things like IP address of the server

It will also ask you where is the web root, use **/var/www/html**

Leave the other login settings as-is unless you already know how to update the database and other asterisk config files.

**Import sample data**

Login to mysql to run some commands

mysql -u root -p

Enter these MySQL commands:

mysql> mysql>use asterisk;  
  
mysql>\. /usr/src/astguiclient/trunk/extras/MySQL\_AST\_CREATE\_tables.sql  
mysql>\. /usr/src/astguiclient/trunk/extras/first\_server\_install.sql  
mysql>\. /usr/src/astguiclient/trunk/extras/sip-iax\_phones.sql

mysql> mysql

mysql>quit

In the Linux terminal, enter these commands

/usr/share/astguiclient/ADMIN\_area\_code\_populate.pl

**Final Adjustments**

Make several entries in the rc.local of your system.

vi /etc/rc.d/rc.local

On a new system I just overwrite the file with the following:

#!/bin/sh

#

# This script will be executed \*after\* all the other init scripts.

# You can put your own initialization stuff in here if you don't

# want to do the full Sys V style init stuff.

touch /var/lock/subsys/local

# OPTIONAL enable ip\_relay(for same-machine trunking and blind monitoring)

/usr/share/astguiclient/ip\_relay/relay\_control start 2>/dev/null 1>&2

# Disable console blanking and powersaving

/usr/bin/setterm -blank

/usr/bin/setterm -powersave off

/usr/bin/setterm -powerdown

### start up the MySQL server

/etc/init.d/mysqld start

### start up the apache web server

/etc/init.d/httpd start

### roll the Asterisk logs upon reboot

/usr/share/astguiclient/ADMIN\_restart\_roll\_logs.pl

### clear the server-related records from the database

/usr/share/astguiclient/AST\_reset\_mysql\_vars.pl

### load dahdi drivers

modprobe dahdi

/usr/sbin/dahdi\_cfg -vvvvvvvvvvvvv

### sleep for 20 seconds before launching Asterisk

sleep 20

### start up asterisk

/usr/share/astguiclient/start\_asterisk\_boot.pl

Make several entries in the crontab of your system:

crontab –e

### recording mixing/compressing/ftping scripts

#0,3,6,9,12,15,18,21,24,27,30,33,36,39,42,45,48,51,54,57 \* \* \* \* /usr/share/astguiclient/AST\_CRON\_audio\_1\_move\_mix.pl

0,3,6,9,12,15,18,21,24,27,30,33,36,39,42,45,48,51,54,57 \* \* \* \* /usr/share/astguiclient/AST\_CRON\_audio\_1\_move\_mix.pl --MIX

0,3,6,9,12,15,18,21,24,27,30,33,36,39,42,45,48,51,54,57 \* \* \* \* /usr/share/astguiclient/AST\_CRON\_audio\_1\_move\_VDonly.pl

1,4,7,10,13,16,19,22,25,28,31,34,37,40,43,46,49,52,55,58 \* \* \* \* /usr/share/astguiclient/AST\_CRON\_audio\_2\_compress.pl –-MP3

#2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47,50,53,56,59 \* \* \* \* /usr/share/astguiclient/AST\_CRON\_audio\_3\_ftp.pl --GSM

### keepalive script for astguiclient processes

\* \* \* \* \* /usr/share/astguiclient/ADMIN\_keepalive\_ALL.pl --cu3way

### kill Hangup script for Asterisk updaters

\* \* \* \* \* /usr/share/astguiclient/AST\_manager\_kill\_hung\_congested.pl

### updater for voicemail

\* \* \* \* \* /usr/share/astguiclient/AST\_vm\_update.pl

### updater for conference validator

\* \* \* \* \* /usr/share/astguiclient/AST\_conf\_update.pl

### flush queue DB table every hour for entries older than 1 hour

11 \* \* \* \* /usr/share/astguiclient/AST\_flush\_DBqueue.pl -q

### fix the vicidial\_agent\_log once every hour and the full day run at night

33 \* \* \* \* /usr/share/astguiclient/AST\_cleanup\_agent\_log.pl

50 0 \* \* \* /usr/share/astguiclient/AST\_cleanup\_agent\_log.pl --last-24hours

## uncomment below if using QueueMetrics

#\*/5 \* \* \* \* /usr/share/astguiclient/AST\_cleanup\_agent\_log.pl --only-qm-live-call-check

## uncomment below if using Vtiger

#1 1 \* \* \* /usr/share/astguiclient/Vtiger\_optimize\_all\_tables.pl --quiet

### updater for VICIDIAL hopper

\* \* \* \* \* /usr/share/astguiclient/AST\_VDhopper.pl -q

### adjust the GMT offset for the leads in the vicidial\_list table

1 1,7 \* \* \* /usr/share/astguiclient/ADMIN\_adjust\_GMTnow\_on\_leads.pl --debug

### reset several temporary-info tables in the database

2 1 \* \* \* /usr/share/astguiclient/AST\_reset\_mysql\_vars.pl

### optimize the database tables within the asterisk database

3 1 \* \* \* /usr/share/astguiclient/AST\_DB\_optimize.pl

## adjust time on the server with ntp

30 \* \* \* \* /usr/sbin/ntpdate -u pool.ntp.org 2>/dev/null 1>&2

### VICIDIAL agent time log weekly and daily summary report generation

2 0 \* \* 0 /usr/share/astguiclient/AST\_agent\_week.pl

22 0 \* \* \* /usr/share/astguiclient/AST\_agent\_day.pl

### VICIDIAL campaign export scripts (OPTIONAL)

#32 0 \* \* \* /usr/share/astguiclient/AST\_VDsales\_export.pl

#42 0 \* \* \* /usr/share/astguiclient/AST\_sourceID\_summary\_export.pl

### remove old recordings more than 7 days old

#24 0 \* \* \* /usr/bin/find /var/spool/asterisk/monitorDONE -maxdepth 2 -type f -mtime +7 -print | xargs rm -f

### roll logs monthly on high-volume dialing systems

#30 1 1 \* \* /usr/share/astguiclient/ADMIN\_archive\_log\_tables.pl

### remove old vicidial logs and asterisk logs more than 2 days old

28 0 \* \* \* /usr/bin/find /var/log/astguiclient -maxdepth 1 -type f -mtime +2 -print | xargs rm -f

29 0 \* \* \* /usr/bin/find /var/log/asterisk -maxdepth 3 -type f -mtime +2 -print | xargs rm -f

30 0 \* \* \* /usr/bin/find / -maxdepth 1 -name "screenlog.0\*" -mtime +4 -print | xargs rm -f

### cleanup of the scheduled callback records

25 0 \* \* \* /usr/share/astguiclient/AST\_DB\_dead\_cb\_purge.pl --purge-non-cb -q

### GMT adjust script - uncomment to enable

#45 0 \* \* \* /usr/share/astguiclient/ADMIN\_adjust\_GMTnow\_on\_leads.pl --list-settings

### Dialer Inventory Report

1 7 \* \* \* /usr/share/astguiclient/AST\_dialer\_inventory\_snapshot.pl -q --override-24hours

### inbound email parser

\* \* \* \* \* /usr/share/astguiclient/AST\_inbound\_email\_parser.pl

Run this perl script to update the server\_ip fields in the asterisk tables (copy the command as- it is)

/usr/share/astguiclient/ADMIN\_update\_server\_ip.pl --old-server\_ip=10.10.10.15

Update music on hold configuration

vi /etc/asterisk/musiconhold.conf            ; remove the word old

;

; Music on Hold -- Sample Configuration

;

[default]

mode=files

directory=/var/lib/asterisk/mohmp3

[quiet]

mode=files

directory=/var/lib/asterisk/quiet-mp3

#include musiconhold-vicidial.conf

Lastly, reboot the machine

reboot

If asterisk –vvvvvrrrrrr doest run .............execute the following commond :

echo “/usr/local/lib” > /etc/ld.so.conf.d/usr\_local.conf  
and  
/sbin/ldconfig

**Diagnostics**

After reboot, check your logs for any errors, make sure asterisk is up and running.

**Be proactive and look for problems before you start configuring vicidial.**

Run these commands to view log files:

tail -f -n 50 /var/log/asterisk/messages

tail -f -n 50 /var/log/messages

more /var/log/dmesg

tail -f -n 40 /etc/httpd/logs/error\_log

tail -f -n 40 /var/log/maillog

tail -f -n 40 /var/log/cron

Run this command:

screen -ls

The output should look similar to this: 9or 10 sockets

There are screens on:

        2307.ASTVDauto  (Detached)  
        2147.astshell20140626063212     (Detached)  
        2105.ASTVDadapt (Detached)  
        2304.ASTlisten  (Detached)  
        2301.ASTsend    (Detached)  
        2153.asterisk   (Detached)  
        2109.ASTconf3way        (Detached)  
        2107.ASTfastlog (Detached)  
        2310.ASTVDremote        (Detached)  
        2298.ASTupdate  (Detached)  
10 Sockets in /var/run/screen/S-root.

**Start using vicidial**

Login to vicidial and configure it.

Add users, campaigns, in-group, DID's, server, etc....

Go to: http://youripaddress/vicidial/admin.php

The default username is: 6666 and the password is: 1234