Voximal : Voximal Module Installation

The Voximal module package install :

- Voximal V14.x

Supported Linux Distribs :

- Linux Centos 6 32/64bit
- Linux Centos 7 32/64bit
- Linux Ubuntu 14.0
- Linux Debian 8 32/64bit
- Linux Raspbian 8 Arm

Dependencies

- Asterisk 1.6 … 14.beta
- FreePBX 12-13 for the GUI/Web configuration interface)
- Xivo (tests)
- Elsatix (tests)

Note : You need to disable linuxSE (if you already installed Asterisk it should already done).

Note : You need the tar and gzip tools already installed on your server.

Then:

1. You need to be root to process the installation.
2. Untar the package.
3. Enter in the directory voximal* created.
4. Execute the install.sh script and follow the instructions (generaly answer 'y' for each questions).
5. Restart your Asterisk,.
6. When done, you see a new application (CLI> voximal show version).
7. If you use FreePBX you will see a new items in the web interface to manage the Voximal Application.

```
[root]# ./install.sh
Module found: app_voximal.so.asterisk_v11.16.0
--- Voximal V14.0 Installation ---
Creating directories
Installing binaries
Installing VoiceXML examples
Installing default voximal.conf
Installing libraries
Installing Voximal module for asterisk
Installing additional sounds
```

```
User asterisk exists, set permissions
Restarting asterisk.....................................................
--- Voximal V14.0 installation has finished ---
```

Change the user and group for Asterisk

If you want to run Asterisk without using the standard asterisk user follow thos steps.

```
[root]# chown -R user:group /etc/asterisk/
[root]# chown -R user:group /var/spool/asterisk/
[root]# chown -R user:group /var/lib/asterisk/
[root]# chown -R user:group /var/log/asterisk/
```

```
[root]# chown -R user:group /var/log/voximal/
[root]# chown -R user:group /var/cache/voximal/
[root]# chown -R user:group /var/lib/voximal/vxml  #(for local VoiceXML
pages)
```

Check the deamon script and charge the reference to asterisk:asterisk to the chosen user:group.

Example (with Centos 7 script) :

```
[Unit]
Description=Asterisk PBX and telephony daemon
Wants=network.target
After=network.target

[Service]
Type=simple
User=user  # instead of asterisk
Group=group  # instead of asterisk
Environment=HOME=/var/lib/asterisk
WorkingDirectory=/var/lib/asterisk
ExecStart=/usr/sbin/asterisk -f -C /etc/asterisk/asterisk.conf
ExecStop=/usr/sbin/asterisk -rx 'core stop now'
ExecReload=/usr/sbin/asterisk -rx 'core reload'

# safe_asterisk emulation
Restart=always
RestartSec=10

[Install]
WantedBy=multi-user.target
```

Configure Voximal from the Web interface

If you installation uses the FreePBX interface, you can manage the Voximal configuration/using from there.

Follow the links :

- Web Configuration

Configure Voximal in the Asterisk

In this mode you had install the Voximal in a standard Asterisk. So you need to configure a dialplan to use the Voximal application.

Follow the links :

- Voximal Asterisk integration
- Configuration file: voximal.conf

Test your installation

You have two simple ways to test and validate your installation :

- With a soft phone : Soft Phone connection
- With the test numbers : Call the test service

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