

# Voximal Stack installation



The Voximal Stack package installs :

- Asterisk V13.x
- FreePBX V12
- uniMRCP V1.5.0 (modified)
- Free picoTTS (en/fr/es/it)
- Voximal V14.x

Supported Linux distribs :

- Linux Centos 6 32/64bit
- Linux Centos 7 32/64bit
- Linux Ubuntu 14.4 32/64bit
- Linux Debian 8 32/64bit
- Linux Raspbian 8 Arm

In order to install a Voximal Stack,(formerly named Voxibot, or Suite) you need a standard Linux 32 or 64 bit server. If you want to use a Cloud image, you can use the page [Cloud Providers](#) to quick deploy your Voximal instance.

## Pre-request

- Basic OS
- Disable SELinux (in case if not disable)
- Virtual Machine on your host such as VM virtualbox, VMware or Docker (recommended)
- **Note:** To install voximal stack on your server without any issues that may face you it is essentially to have clear OS. in other words, you should not have asterisk and freePBx installed before. Because voxibot will do all that in few minutes.

## Installation process.

In this instalation we are going to use Debian 8, to show you the process.

**Note :** For OS Debian 8 there are some modifications need to be done, Debian 8 has systemd which cause some issues during installation of voximal stack, we will replace systemd by old one (sysvinit). For a moment it's the only choice for debian 8 but we are working on new version of voximal stack which will support the systemd.

now we are going to start step-by-step:

- On debian 8 open the terminal and write the next command to install old version of systemd, Firstof all, you need to be Root # `apt-get -y install sysvinit-core sysvinit sysvinit-utils`

- Search any `init=/usr/bin/systemd` in `/etc/default/grub`, change to `init=/lib/sysvinit/init`, then call `update-grub` command line (this may be done automatically, but check it). Reboot : to change init process !
- Then remove new systemd # `apt-get remove --purge --auto-remove systemd`,  
welcome back to SysV 😊 .
- Now you need to be Root to active the network interface # `dhclient` . now you should have access to internet try to ping # `ping 8.8.8.8`

**Recommended** : it is better to have remote application to handle the terminal of Debian by SSH port, for instance Putty. Be sure that SSH installed on your Debian server if not use the next command : # `apt-get install openssh-server`

- Download voximal stack from the official web site directly. Or by the command # `wget http://downloads.voximal.com/voxibot/debian8/x86-64/voxibot\_1.0.187\_20171019\_0voximal187debian8\_x86-64.run`

In our case shows **OS**=debian8 and **process**=x86-64 version of **voxibot**=`voxibot_1.0.187_20171019_0voximal187debian8_x86-64.run` .

**Note:** choose what is adapting to your system.

- Open a directory where downloading have been done, change the permission of voxibot file # `chmod +x voxibot *` , pay attention, sign (\*) means to inter a complete name as you see on your directory, in our case is # `chmod +x voxibot_1.0.187_20171019_0voximal187debian8_x86-64.run`
- Now run the voxibot to start installation process # `./voxibot_1.0.187_20171019_0voximal187debian8_x86-64.run`
- After finishing installation we need to reboot the system # `reboot`
- Now open web browser on you host OS and insert Debian IP address, you will see the voximal stack interface, asks you to set your password and confirm. After this step your voximal stack is ready

Download the latest version of Voxibot with extension .run package from:

- **Packages** : <http://downloads.voximal.com/voxibot/>

Note : You need to disable linuxSE.

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. Change the perission to execute the installer script (execute "`chmod +x voxibot*`").
3. Execute the script and follow the instructions (generaly answer 'y' for each questions).
4. When done, connect to `http:<your_machine_ip>/admin` - you will be asked for login. - Login using as user `user` password `user`. Screen shot: `[root]# ./voxibot_1.x.xxx_2016xxxx_0voximalxxxcentos6_x86-64.run` Creating directory

*voxibot\_1.x.xxx\_2016xxxx\_0voximalxxxcentos6\_x86-64 Verifying archive integrity... 100% All good. Uncompressing Voxibot installer 1.x.xxx 100% Version 1.x.xxx Installation Telephony [ OK ] Installation Ressources [ OK ] Installation Web-GUI [ OK ] Installation Voximal [ OK ] Installation complete To access the Web interface browse to : http:<your\_machine\_ip>/admin (login 'user' and password 'user')*

[root]# </code>

## 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](#)

From:  
<https://wiki.voximal.com/> - **Voximal documentation**

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Last update: **2023/05/26 09:38**

