How do I install the Verus CLI (command line interface) wallet on a brand new (hosted) Linux system?

Notice: Read it completely before use.

Important General Information

`wallet.dat` location on Linux: `~/.komodo/VRSC`

Necessary files:

Link 1: Download latest Wallet
Link 2: Download Verus Bootstrap

Procedure:

[↑]

1. First make sure your system is up to date:
   `sudo apt-get update && apt-get upgrade -y`

2. I suggest not to use the root account. I you have not yet done, set up a new user
   `sudo adduser newusername`
   `sudo usermod -aG sudo newusername`

3. Switch to new username
   `su - newusername`

4. Test the your new user actually has root (SuDo) access, e.g.:
   `sudo ls -la /root`
   You should get some lines like this:
   `drwx------ 6 root root 4096 Jul 3 15:56`

5. Download & install the wallet binaries:
   `wget https://github.com/VerusCoin/VerusCoin/releases/download/v0.9.3/Verus-CLI-Linux-v0.9.3-amd64.tgz`
   The downloaded archive contains another archive and a signature text file, enabling the archive within to be verified (You'll need a running wallet to do that)
   Also: Verify the URL to the latest version from the Download latest Wallet above.
   `tar -xvf Verus-CLI-Linux-v0.9.3-amd64.tgz`
   Now extract the wallet archive:
   `tar -xvf Verus-CLI-Linux-v0.9.3-amd64.tar.gz`
   Change directory to verus-cli
   `cd verus-cli`
   Fetch parameters, takes time, more on slow Internet connection
   `./fetch-params`
   Creating the chaindata directory
   `cd ~`
   `mkdir -p .komodo/VRSC`
   `cd ~/.komodo/VRSC`
   Download the block-chain bootstrap, this considerably speeds up synchronisation of the block-chain from days

to minutes... (optional)

```
wget https://bootstrap.verus.io/VRSC-bootstrap.tar.gz
```

```
tar -xvf VRSC-bootstrap.tar.gz
```

Install libraries for Verus

```
sudo apt-get install libcurl3 g++-multilib -y
```

Install Tmux a terminal multiplexer with which you can run threads in the background see
https://en.wikipedia.org/wiki/Tmux

```
sudo apt-get install tmux -y
```

Start tmux:

```
tmux
```

Launch Verus Daemon with or without number of threads
(usually number of threads equals number of cores or double of that if the processor support hyper threading well)

```
~/verus-cli/verusd -gen -genproclimit
```

```
~/verus-cli/verusd -gen -genproclimit=24
```

Once mining is operational – again this may take some time –
you'll see: 256 mega hashes complete - working
then detach tmux

```
[ctrl]&b d
```

Disable login with Root User
(make sure your newly created user login works and has sudo rights)

```
sudo nano /etc/ssh/sshd_config
```

Find: PermitRootLogin yes
And set to
PermitRootLogin no
Apply new settings:

```
sudo systemctl restart sshd
```

(submitted by @karero, corrected by @Glennp, edited by Oink.vrsc@)

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