



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. If 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 if 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@)

Note: last revision date 2022-08-19.