



VELES

MN Installation Guide

Veles: Official step-by step Linux masternode guide

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Description

This is a step-by step tutorial on how to set-up Veles Masternode on a Linux Server , taking advantage of Veles Masternode Installer (<https://github.com/Velescore/veles-masternode-install>) script. If you require further assistance contact the support <https://discord.gg/P528fGg> .

Supported Linux distributions

- **Ubuntu**
- **Debian**
- **Linux Mint**
- **Gentoo**
- **Sabayon**
- **Fedora**
- **RHEL**
- **CentOS**

Requirements

- **2000 VLS coins**
- **Linux VPS** (one of the mentioned in start of the guide)
- **A local Veles wallet**
- **An SSH client** (in guide will be used BitVise)

Contents

- **Section A** : Downloading and installing SSH client.
- **Section B** : Connecting and installing MN script on VPS.
- **Section C** : Downloading and preparing local wallet.
- **Section D** : Connecting and starting MN

Section A : Downloading and installing SSH client .

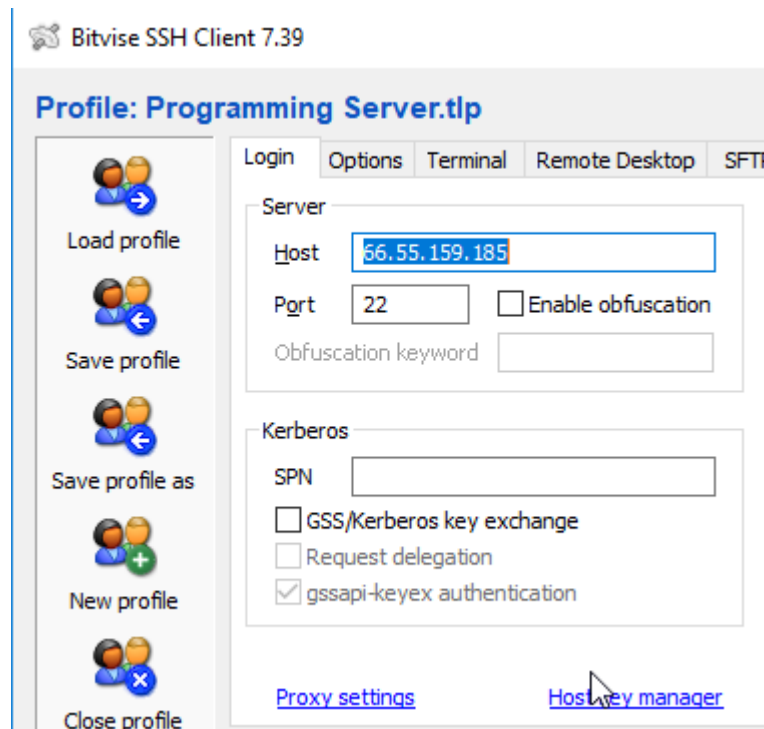
Step 1.

- Download BitVise SSH client (<https://dl.bitvise.com/BvSshClient-Inst.exe>).

Section B : Connecting and installing MN script on VPS

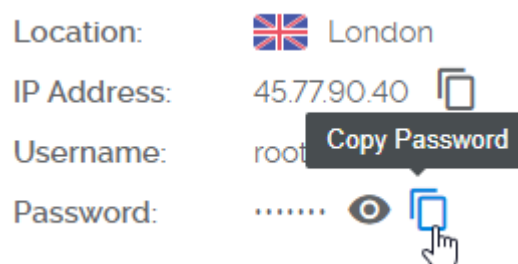
Step 1.

- Open the BitVise application and fill the “Hostname” box with IP of your VPS.



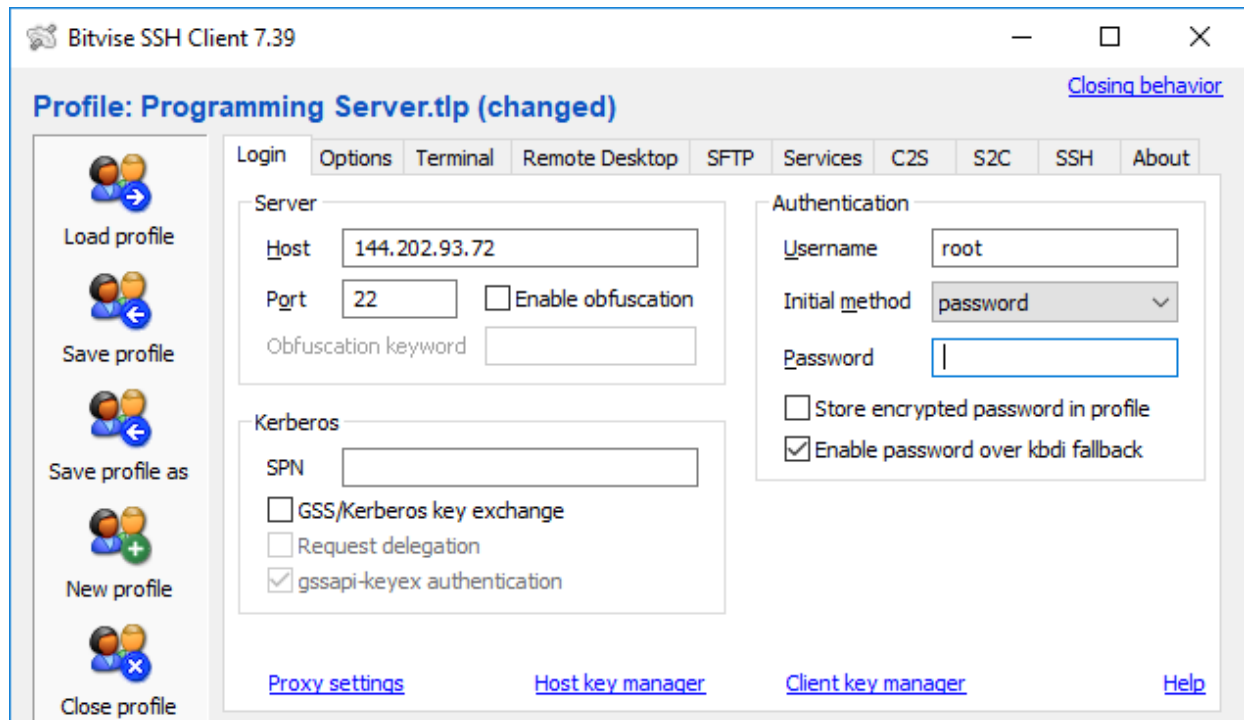
Step 2.

- Copy the root password from your VPS .



Step 3.

-

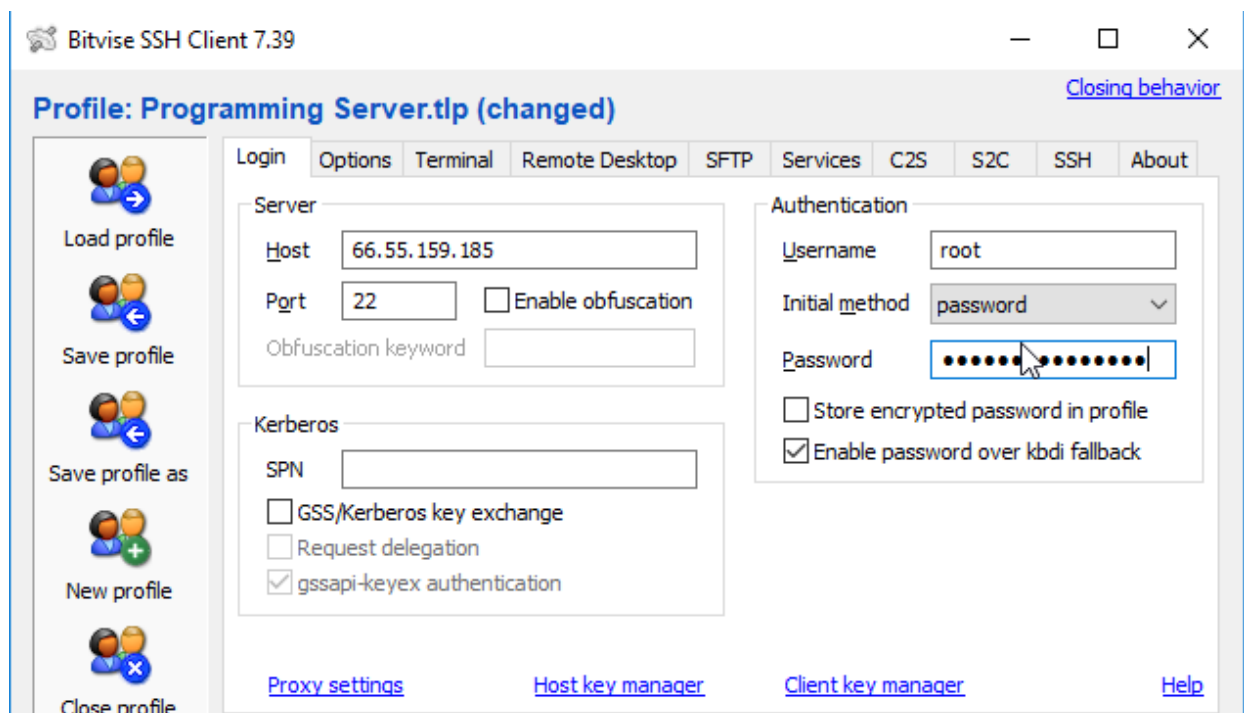


Type "root" as a login / username.

Step 4.

-

Paste password into BitVise terminal by right clicking (it will not show the



password so just press enter).

Step 5.

- Once you have clicked open, it will open a security alert (click yes).

Step 6.

- Paste the code below into the BitVise terminal then press enter and wait.

```
source <(curl -s https://raw.githubusercontent.com/velescore/veles-installer/master/masternode.sh)
```

```
oot@instance-1:~# source <(curl -s https://raw.githubusercontent.com/velescore/veles-installer/master/masternode.sh)

      .
     / \
    /   \
   /_____\
  /         \
 /             \
/               \
\               /
 \             /
  \           /
   \         /
    \       /
     \     /
      \___/

* Checking whether Veles Core is already installed ... no
* Starting Veles Core installation...
*   Checking dependencies ... [ ok ]
*   Downloading installation archive ... [ ok ]
*   Setting up user account ...
*     Creating new user account veles ... [ ok ]
*     Creating new datadir ... [ ok ]
*   Checking whether UFW firewall is present ... no
*   Generating configuration file ... [ ok ]
*   Creating systemd service veles ... [ ok ]
*   Reloading systemctl ... [ ok ]
*   Setting up the service to auto-start on system boot ... [ ok ]
```

Step 7.

- Enter your Masternode Private Key or leave it blank to generate new Masternode Private Key for you.

```

* Checking whether Veles Core is already installed ... no
* Starting Veles Core installation...
*   Checking dependencies ... [ ok ]
*   Downloading installation archive ... [ ok ]
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*   Generating configuration file ... [ ok ]
*   Creating systemd service veles ... [ ok ]
*   Reloading systemctl ... [ ok ]
*   Setting up the service to auto-start on system boot ... [ ok ]
bash: [: ==: unary operator expected
Enter your veles Masternode Private Key. Leave it blank to generate a new Masternode Private Key for you:

```

Section C : Preparing the Local wallet .

Step 1.

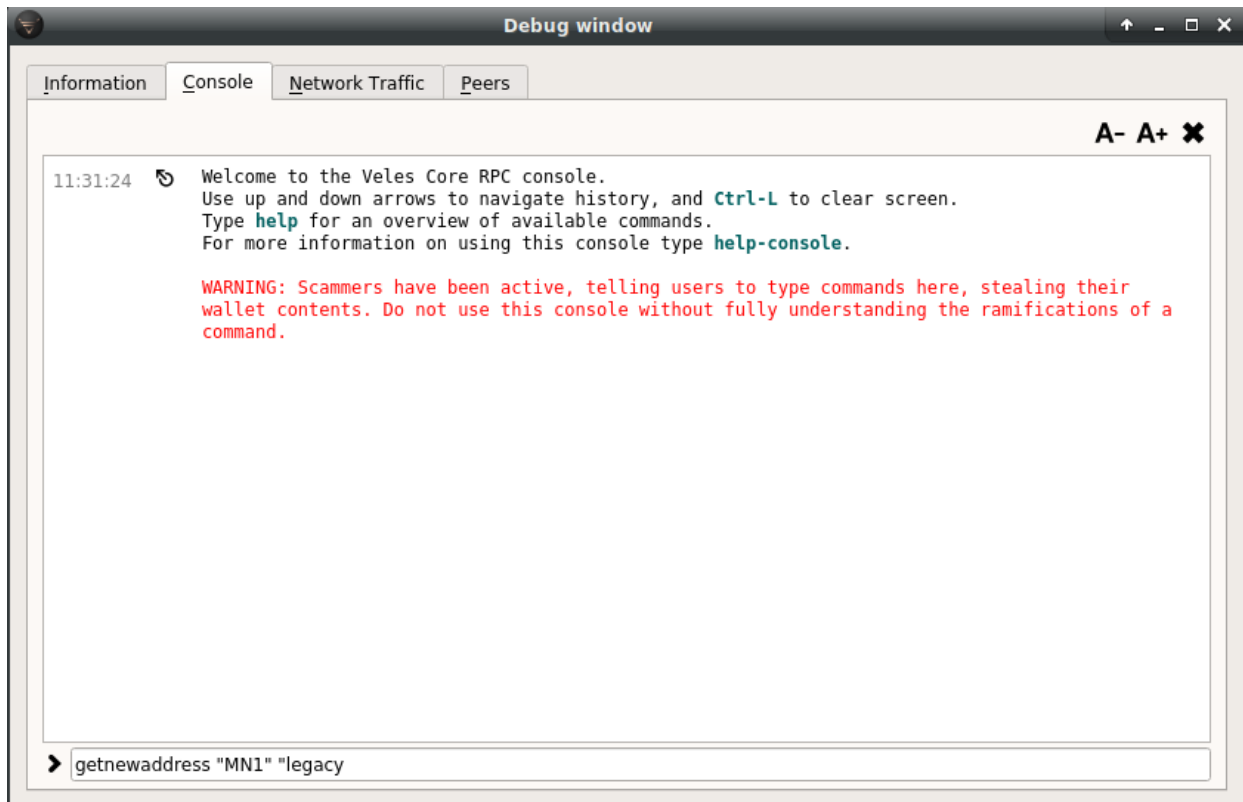
- Download and install Veles wallet. Download here.
<https://www.veles.network/download.html>

Step 2.

- Generate new address through the Debug console with command :

getnewaddress "" "legacy"

- Send exactly 2000 VLS to generated legacy address .



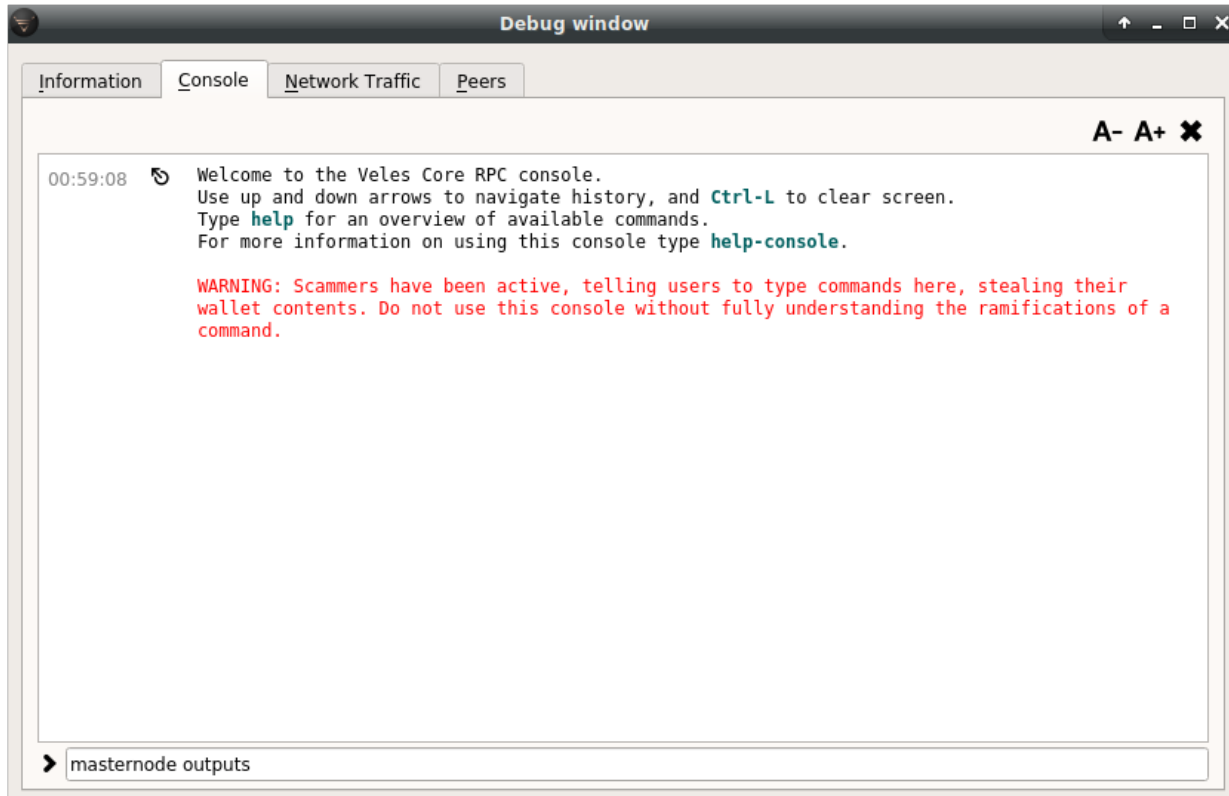
Step 3.

- Create a text document to temporarily store information that you will need .

Step 4.

- Go to the Debug console within wallet .
- Type the command below and press enter . You will get your masternode output :

masternode outputs



Step 5.

- Copy the transaction ID and masternode output
- Paste these into the text document you created earlier as you will need them in next step .

Section D : Connecting and starting the Masternode .

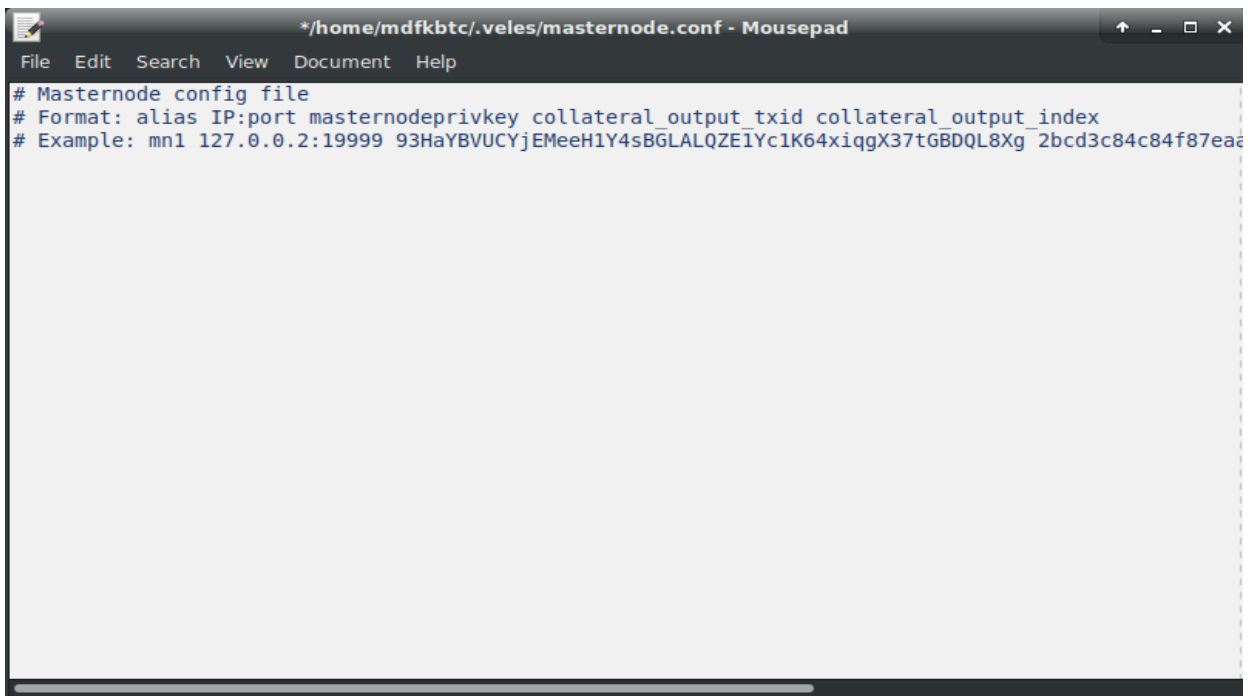
Step 1.

- Go to the Tools tab within the wallet and click “open masternode configuration file” .

Step 2.

- Fill the form .
- For “ alias “ type something like “**MN01**” - **don’t use spaces** .
- The “ IP : port “ is the IP of your VPS server and port “**21337**”
- The “ masternodeprivkey “ is your Masternode Private Key (generated on your VPS)
- The “ TX id “ is the transaction ID which (long key you copied into text document).
- The “ output id “ is the 0 or 1 number that you copied to your text document .

```
MN01 0.0.0.0:9292 2r4PXLmg8tnFGJHUYMkcVQ5bcgg4XjZXKxZSuf3e9fs09d8fs0 0984651654789463521e6d16db92bbc3dfd721ae9433901cd2c363fe223rdasdf1 1
```

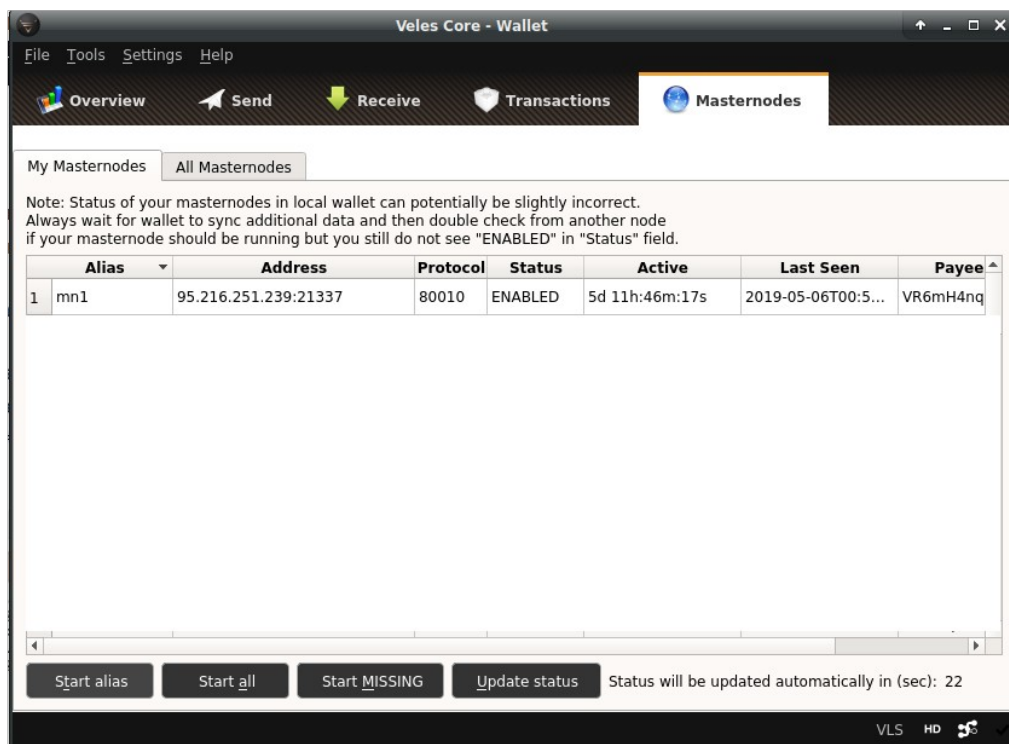


The screenshot shows a text editor window titled `*/home/mdfkbtc/.veles/masternode.conf - Mousepad`. The window contains the following text:

```
# Masternode config file
# Format: alias IP:port masternodeprivkey collateral output txid collateral output_index
# Example: mn1 127.0.0.2:19999 93HaYBVUCYjEMeeH1Y4sBGLALQZE1Yc1K64xiqqX37tGBDQL8Xg 2bcd3c84c84f87ea2
```

Step 3.

- Close out the wallet and reopen wallet .
- Check if your Masternode collateral transaction have **16 confirmations** .
- Click on the Masternode tab “ My masternodes “



Step 4.

- Connect your VPS .
- Check status on your Masternode with commands below :

su veles

veles-cli masternode status

Usage

Veles user commands :

- `su veles` # switch user from root to veles
- `veles-cli masternode status` # to check your Masternode status
- `veles-cli getblockchaininfo` # to get general information such as Veles version and current block number
- `veles-cli mnsync status` # to check status of Masternode synchronization process

Root user commands :

- `systemctl status veles.service` # to check status of Veles service
- `systemctl start veles.service` # to start Veles service
- `systemctl restart veles.service` # to restart Veles service
- `systemctl stop veles.service` # to stop Veles service

```
* Done.

Veles Core Daemon version v0.17.1.1-6efe42a5c "Aged Amnesia"

Veles Core Masternode is up and running listening on port 21337.
Configuration file is: /home/veles/.veles/veles.conf
VPS IP:PORT 35.240.96.108:21337
MASTERNODE PRIVATEKEY is: 87MXp6uiSRjUYiZkBo8bAPNNeK1ddECpBguxEnGEBQc3UHthm1R
Start: systemctl start veles.service
Stop: systemctl stop veles.service
You can always check whether veles daemon is running
with the following command: systemctl status veles.service
Use veles-cli masternode status to check your MN.
For help join discord https://discord.gg/P528fGg ...

Congratulations, Veles Core has been installed successfully.
```

If you do, congratulations ! You have now setup a Masternode . If