

Master Node Setup Guide



Introduction

Welcome to this step by step guide that will take you through the process of creating your own Masternode. This guide is aimed at the casual Windows 10 PC user who has purchased Satoshi Coin but has little or no experience of using Linux or VPS (virtual private servers).

This is an in-depth guide that will be broken into sections. The document will attempt to give an explanation of each step accompanied by relevant screenshots to guide you along.

As a recommendation, please read through each section first and try to understand what is going on before doing it. As soon as one section is complete, please move to the next one. Don't miss any steps and please take your time.

Corrections and Comments If you like the guide or would like to give any feedback please contact us on the Satoshi Coin discord channel. Creating a Virtual Private Server (VPS)

For a small monthly fee, you can run your own Virtual Private Server to host a Masternode without having to create one at home and having the extra headache of worrying about having your machine running 24/7 and managing static IP-addresses etc.

This guide has been created to give a step by step account using Digital Ocean. However, I would like to state that there is no recommended preference from the Satoshi team for picking a VPS service.

To demonstrate that the service offerings are very similar, We have also included an "OPTIONAL SECTION 3" for vultr.com to show an alternate VPS setup process. Compare the 2 Sections and pay attention that the requirements and setup are very similar.

A list has been compiled of alternate VPS providers and I would encourage all Masternode creators to do their own research and pick the best service that suits them.

Requirement - 2501 Satoshi Coin for each Masternode.

Section 1 – Wallet Setup Guide

Section 2 – Virtual Private Network (VPS) setup

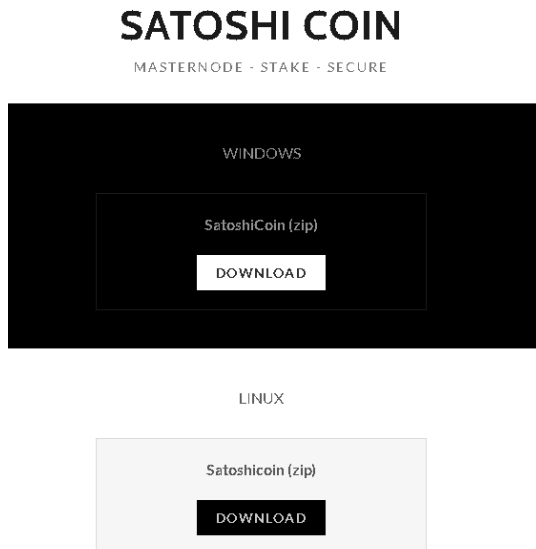
Section 3 – Masternode Setup

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Section 1

1. Install Satoshi Coin wallet from the site.

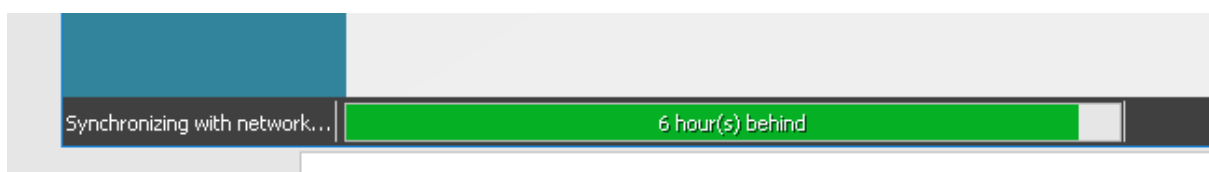
<http://satoshicoin.world/>



2. Start your Satoshi coin wallet

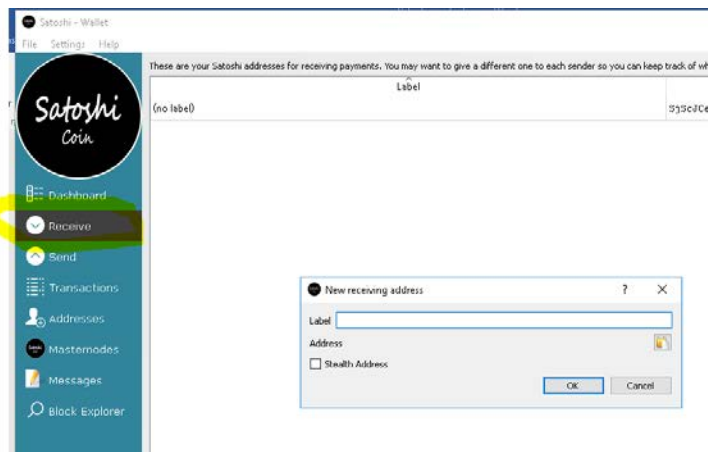


3. Wait for the wallet to fully sync.

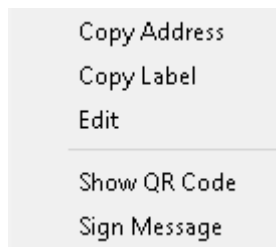


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4. Select receive on wallet and press new address (Name new address something identifiable)
A second address should now appear in Receiving Addresses Window



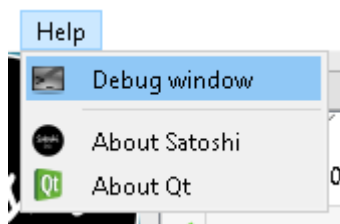
5. Click the button "Copy Address"



6. Send exactly 2500 Satoshi coin to this new address.

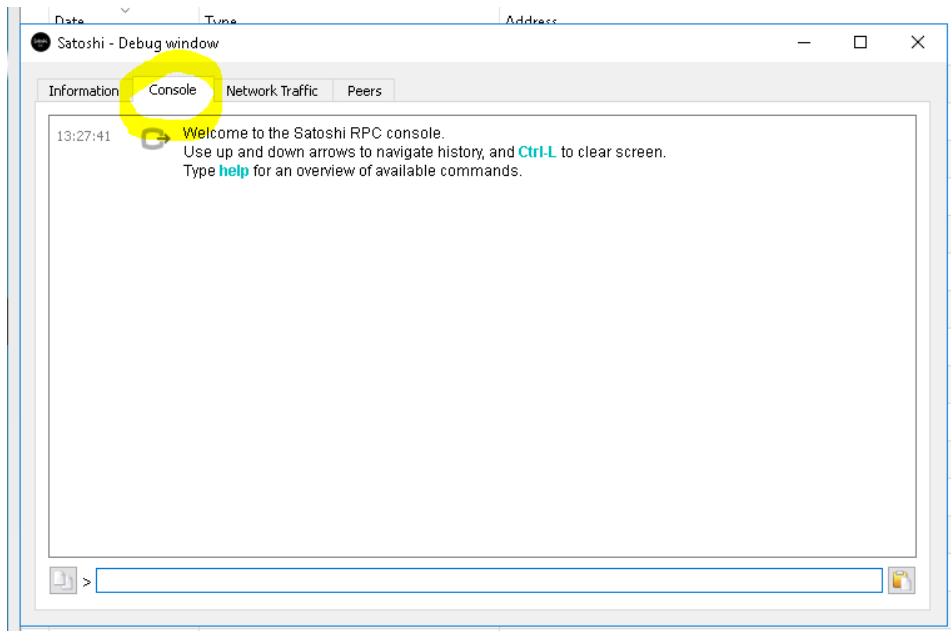


7. In the Satoshi wallet select Help in the top menu bar. Click "Debug window"

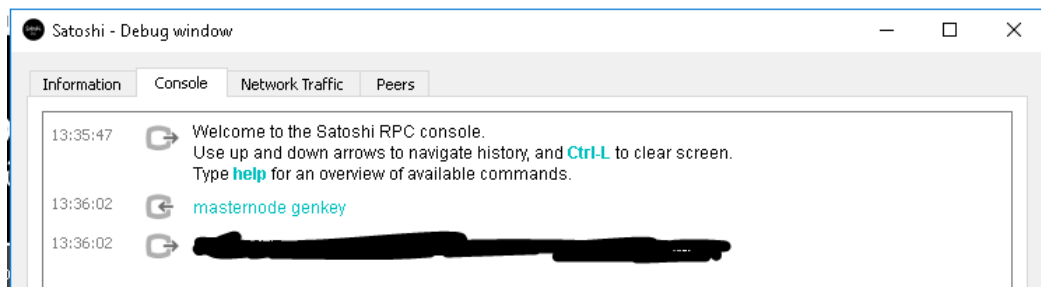


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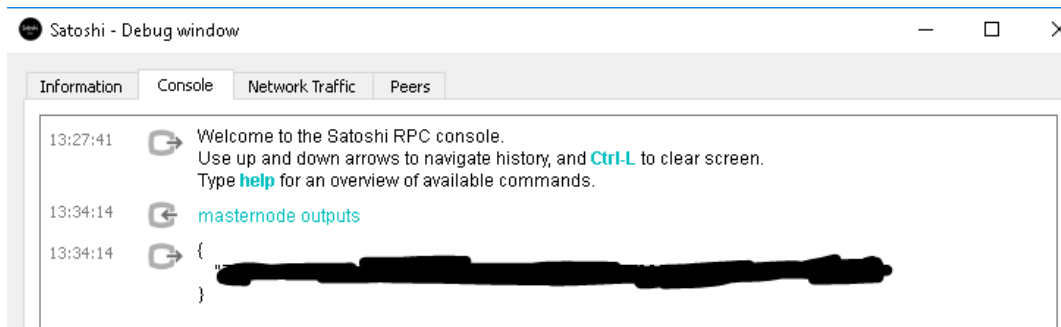
8. In the Debug window click the console tab.



9. At the bottom of the window type into the input box. "masternode genkey" This will generate a long string of text. Copy and save this as you will need it later.



10. At the bottom of the window type into the input box. "masternode outputs" This will generate a long string of text. Copy and save this as you will need it later.



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Section 2

1. Using Google Chrome go to Vultr.com and sign in for the service.
2. When you first log in. Click on the "Servers" icon in the blue left-hand navigation bar.
3. Click the "+" on the right side of the page.
4. Create a Server: a. Select your region.
5. Select Ubuntu and 16.04 x64
6. Select the 1GB Ram option.
7. Skip section 4 (Additional Features.
8. Skip section 5 Startup Script
9. Skip section 6 SSH Keys.
10. At default: All should be empty.
11. Enter a name for your Satoshi coin masternode.
12. Click on "Deploy Now".
13. You will now be returned to the servers page showing that the Satoshi server is now installing. Please wait 5 minutes for status to change from "Installing" to "Running".
14. Once running, click on the masternode make a note of the IPaddress and root password. We will need these details to connect to the server.
15. Click on the connect button located in the top left.
16. You should now have a connection to your Virtual Machine. Enter the root password exactly when prompted. Please note copy and paste may not work. So please type carefully

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Section 3

1. if you have 1G RAM or less on your VPS server and don't have swap partition use this link:

wget https://raw.githubusercontent.com/SatoshiCoin-Crypto/satoshiCoin/master/autoinstall-swap && chmod 755 autoinstall-swap && ./autoinstall-swap

2. if you have 2G RAM or already have swap partition use this link

wget https://raw.githubusercontent.com/SatoshiCoin-Crypto/satoshiCoin/master/autoinstall && chmod 755 autoinstall && ./autoinstall

3. nano ~/.Satoshi/Satoshi.conf
4. ##copy and paste below on the screen generated by step 4 - Change username and password to anything and replace IP **x.x.x.x** address with your VPS IP and **privatekey** which you generated before.)

```
rpcuser=yourusername
rpcpassword=yourpassword
rpccallowip=127.0.0.1
daemon=1
server=1
listen=1
masternodeaddr=x.x.x.x:12453
masternode=1
masternodeprivkey=privatekey
```

##(Save And Exit) (Ctrl+x)

5. ./Satoshid (SatoshiCoin server starting) press Ctrl+c
6. (your masternode is running)
you can check status:

```
./Satoshid getinfo
./Satoshid masternode status
```

Wait for 16 confirmations for 2500 SATC before you start masternode from your local wallet