TZC WALLET + HEADLESS WALLET ON LINUX

Local Wallet + PoS Headless Wallet on VPS (Ubuntu 16.04)

What you need:

- a A local computer running under Ubuntu 16.04
- b A remote server (Virtual Private Network, VPS) which will be our PoS wallet.

c - PuTTY, which will be used to setup the server (install the dependencies, the wallet itself, and configure everything) after the initial configuration.

What we will do:

- 1 Login, update Ubuntu and install all the dependencies on our local Ubuntu.
- 2 Download, compile install and run the wallet from sources on our local Ubuntu.
- 3 Buy VPS service and setup Ubuntu on it. You'll need to have one CPU and at least 1GB of RAM on it to be able to compile and run the wallet.
- 4 Download PuTTY here <u>http://www.putty.org/</u>, install it, run it and connect to your server.
- 5 Download, compile and install the wallet from sources on our VPS.
- 6 A little bit of configuration.
- 7 Enjoy your TZC and... Breath :)

Linux distro under which the wallet was compiled and run is Ubuntu 16.04. Other different versions of Linux might require some other commands or syntax which won't be covered in this guide.

Update your Ubuntu

> sudo apt-get update

> sudo apt-get upgrade

Important: in Linux to copy a text we use buttons Ctrl+Insert and to paste Shift+Insert - [Ctrl+C/V won't work] please use these buttons from now on. Paste into the terminal window following commands and hit Enter to confirm. Commands are in blue font - copy and paste only these into your terminal window.

🕒 🕒 trgnn@ubuntu: ~

gir1.2-webkit2-4.0 gvfs gvfs-backends gvfs-bin gvfs-common gvfs-daemons gvfs-fuse gvfs-libs libcups2 libcups2gi1 libcupsimage2 libcupsmime1 libcupsppdc1 libfreerdp-cache1.1 libfreerdp-client1.1 libfreerdp-codec1.1 libfreerdp-common1.1.0 libfreerdp-core1.1 libfreerdp-crypto1.1 libfreerdp-gdi1.1 libfreerdp-locale1.1 libfreerdp-plugins-standard libfreerdp-primitives1.1 libfreerdp-utils1.1 libgail-common libgail18 libgd3 libgraphite2-3 libgs9 libgs9-common libgtk2.0-0 libgtk2.0-bin libgtk2.0-common libjavascriptcoregtk-4.0-18 libllvm4.0 liblouis-data liblouis9 libpackagekit-glib2-16 libsmbclient libsnapd-glib1 libsoup-gnome2.4-1 libsoup2.4-1 libwoltient0 libwebkit2gtk-4.0-37 libwebkit2gtk-4.0-37-gtk2 libwinpr-crt0.1 libwinpr-dsparse0.1 libwinpr-environment0.1 libwinpr-file0.1 libwinpr-handle0.1 libwinpr-heap0.1 libwinpr-input0.1 libwinpr-interlocked0.1 libwinpr-library0.1 libwinpr-path0.1 libwinpr-pool0.1 libwinpr-registry0.1 libwinpr-rpc0.1 libwinpr-sspi0.1 libwinpr-synch0.1 libwinpr-sysinfo0.1 libwinpr-thread0.1 libwinpr-utils0.1 libxfont1 linux-firmware linux-libc-dev logrotate nvthon3-1wt python3-louis python3-update-manager samba-libs shotwell FloppyDisk pmmon snapd snapd-login-service ubuntu-core-launcher ubuntu-drivers-common update-manager update-manager-core update-notifier update-notifier-common xul-ext-ubufox 96 upgraded, 0 newly installed, 0 to remove and 3 not upgraded. Need to get 147 MB of archives. After this operation, 57.7 MB of additional disk space will be used. Do you want to continue? [Y/n]

🗧 🔲 trgnn@ubuntu: ~

```
Setting up libfreerdp-gdi1.1:amd64 (1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1.2
.
Setting up libfreerdp-plugins-standard:amd64 (1.1.0~git20140<u>921.1.440916e+dfsg1-</u>
5ubuntu1.2) ..
Setting up libgd3:amd64 (2.1.1-4ubuntu0.16.04.8) ...
Setting up libgraphite2-3:amd64 (1.3.10-Oubuntu0.16.04.1) ...
Setting up libllvm4.0:amd64 (1:4.0-1ubuntu1~16.04.2) ...
Setting up libsnapd-glib1:amd64 (1.13-0ubuntu0.16.04.1) ...
Setting up libxfont1:amd64 (1:15-0000ntu0.10.04.2) ...
Setting up linux-firmware (1.157.12) ...
update-initramfs: Generating /boot/initrd.img-4.10.0-28-generic
Setting up linux-libc-dev:amd64 (4.4.0-93.116) ...
Setting up python3-jwt (1.3.0-1ubuntu0.1) ...
Setting up shotwell-common (0.22.0+git20160108.r1.f2fb1f7-0ubuntu1.1) ...
Setting up shotwell (0.22.0+git20160108.r1.f2fb1f7-0ubuntu1.1) ...
Setting up snapd-login-service (1.13-Oubuntu0.16.04.1) ...
Setting up xul-ext-ubufox (3.4-Oubuntu0.16.04.1) ...
Setting up liblouis-data (2.6.4-2ubuntu0.1) ...
Setting up liblouis9:amd64 (2.6.4-2ubuntu0.1) ...
Setting up python3-louis (2.6.4-2ubuntu0.1) ...
Setting up update-notifier (3.168.5) ...
Setting up update-manager (1:16.04.9) ...
Processing triggers for libc-bin (2.23-0<u>u</u>buntu9) ...
trgnn@ubuntu:~$ sudo apt-get install git
```

Install the prerequisites

> sudo apt-get install qt4-qmake libqt4-dev build-essential libboost-dev libboost-system-dev libboost-filesystem-dev libboost-program-options-dev libboost-thread-dev libssl-dev libdb++-dev libminiupnpc-dev

trgnn@ubuntu: ~ trgnn@ubuntu:~\$ git clone https://github.com/TrezarCoin/TrezarCoin.git Cloning into 'TrezarCoin'... remote: Counting objects: 19134, done. remote: Compressing objects: 100% (3/3), done. remote: Total 19134 (delta 0), reused 1 (delta 0), pack-reused 19131 Receiving objects: 100% (19134/19134), 7.38 MiB | 1.95 MiB/s, done. Resolving deltas: 100% (14570/14570), done. Checking connectivity... done. trgnn@ubuntu:~\$ sudo apt-get install gt4-gmake libgt4-dev build-essential libboo st-dev libboost-system-dev libboost-filesystem-dev libboost-program-options-dev libboost-thread-dev libssl-dev libdb++-dev libminiupnpc-dev Reading package lists... Done Building dependency tree Reading state information... Done build-essential is already the newest version (12.1ubuntu2). The following additional packages will be installed: libboost-atomic1.58-dev libboost-atomic1.58.0 libboost-chrono1.58-dev libboost-chrono1.58.0 libboost-date-time1.58-dev libboost-filesystem1.58-dev libboost-program-options1.58-dev libboost-program-options1.58.0 libboost-serialization1.58-dev libboost-serialization1.58.0 libboost-system1.58-dev libboost-thread1.58-dev libboost-thread1.58.0 libboost1.58-dev libdb5.3++ libdb5.3++-dev libdb5.3-dev libdrm-dev libgl1-mesa-dev libglu1-mesa-dev libpthread-stubs0-dev libgt4-designer libgt4-dev-bin libgt4-help libgt4-opengl libgt4-opengl-dev libgt4-gt3support

2

Download, install and build the wallet from sources

- > sudo apt-get install git
- > git clone https://github.com/TrezarCoin/TrezarCoin.git
- > cd TrezarCoin
- > qmake «USE_UPNP=1»
- > make
- > cd
- > mkdir .trezarcoin
- > cd .trezarcoin

😕 亘 💿 trgnn@ubuntu: ~/TrezarCoin

roject MESSAGE: Building with the IPv6 support

Project MESSAGE: Building with the Qt v4 support Project MESSAGE: Building with the UPnP support Project MESSAGE: Building with the IPv6 support trgnn@ubuntu:~/TrezarCoinS make

cdˈ/home/trgnn/TrezarCoin/src/leveldb && CC=gcc CXX=g++ make OPT="-m64 -pipe -02 " libleveldb.a libmemenv.a

nake[1]: Entering directory '/home/trgnn/TrezarCoin/src/leveldb'

g++ -I. -I./include -std=c++0x -fno-builtin-memcmp -pthread -DOS_LINUX -DLEVELDB _PLATFORM_POSIX -DLEVELDB_ATOMIC_PRESENT -m64 -pipe -O2 -c db/builder.cc -o db/b uilder.o

g++ -I. -I./include -std=c++0x -fno-builtin-memcmp -pthread -DOS_LINUX -DLEVELDB _PLATFORM_POSIX -DLEVELDB_ATOMIC_PRESENT -m64 -pipe -02 -c db/c.cc -o db/c.o g++ -I. -I./include -std=c++0x -fno-builtin-memcmp -pthread -DOS_LINUX -DLEVELDB _PLATFORM_POSIX -DLEVELDB_ATOMIC_PRESENT -m64 -pipe -02 -c db/dbformat.cc -o db/ dbformat.o

g++ -I. -I./include -std=c++0x -fno-builtin-memcmp -pthread -DOS_LINUX -DLEVELDB _PLATFORM_POSIX -DLEVELDB_ATOMIC_PRESENT -m64 -pipe -O2 -c db/db_impl.cc -o db/d b_impl.o

g++ -I. -I./include -std=c++0x -fno-builtin-memcmp -pthread -DOS_LINUX -DLEVELDB _PLATFORM_POSIX -DLEVELDB_ATOMIC_PRESENT -m64 -pipe -O2 -c db/db_iter.cc -o db/d b_iter.o The build process will create a .trezarcoin hidden folder in your home directory. The wallet, the wallet configuration and the blockchain data will be stored here.

😕 🗐 🗊 trgnn@ubuntu: ~/TrezarCoin

wpage.o build/csvmodelwriter.o build/crypter.o build/sendcoinsentry.o build/qval	
idatedlineedit.o build/bitcoinunits.o build/qvaluecombobox.o build/askpassphrase	
dialog.o build/protocol.o build/notificator.o build/qtipcserver.o build/rpcconso	
le.o build/blockexplorer.o build/nouilo/build/kernel.o build/neoscrypt.o build/n	
eoscrypt_asm.o Dulld/Scrypt-arm.o Dulld/Scrypt-X80.0 Dulld/Scrypt-X80_64.0 Dulld	
/scrypt.o build/pbkul2.o build/moc_blickingul.o build/moc_transactiontablemodel.	
o build/moc_addresstablemodel.o build/moc_optionsdatog.o build/moc_controld	
addressbooknage o build/moc signwerifymessagedialog o build/moc aboutdialog o bu	
id/moc_editaddressdialoo_o_build/moc_bitcoinaddressvalidator.o_build/moc_client	
model.o build/moc quiutil.o build/moc optionsmodel.o build/moc monitoreddatamapp	
er.o build/moc trafficgraphwidget.o build/moc transactiondesc.o build/moc transa	
ctiondescdialog.o build/moc bitcoinamountfield.o build/moc transactionfilterprox	
y.o build/moc_transactionview.o build/moc_walletmodel.o build/moc_overviewpage.o	
build/moc_csvmodelwriter.o build/moc_sendcoinsentry.o build/moc_qvalidatedlinee	
dit.o build/moc_qvaluecombobox.o build/moc_askpassphrasedialog.o build/moc_notif	
icator.o_build/moc_rpcconsole.o_build/moc_blockexplorer.o_build/qrc_bitcoin.o	
-L/usr/lib/x86_64-linux-gnu -lminiupnpc -Lsrc/leveldb -lleveldb -lmemenv -lrt -	
<pre>lssl - Lcrypto - Ldb_cxx - Lboost_system - Lboost_filesystem - Lboost_program_options</pre>	
- LDOOST_THREAD - LDTHREAD - LQTUGUI - LQTNETWORK - LQTCORE	
trgnngubuntu:~/irezarcoinà is	
Southing LICENCE are the provide the share treated in the	

A bit of configuration..

> nano trezarcoin.conf (this will open a text editor where we'll
paste needed commands)

Copy and paste these, changing appropriate fields:

irc=1 dns=1 qtstyle=1 daemon=1 server=1 stakegen=1 logtimestamps=1 minersleep=2000 stakemindepth=1000 stakemintime=72 stakecombine=40 stakesplit=80 port=17298 rpcport=17299 rpcuser=YOUR_USERNAME rpcpassword=YOUR_STRONG_PASSWORD addnode=162.217.249.198:17298 addnode=46.4.0.101:17298 addnode=113.176.188.121:57514

trgnn@ubuntu:~\$ l Desktop/ Downloads/ Music/ Public/ TrezarCoin/ Documents/ examples.desktop Pictures/ Templates/ Videos/ trann@ubuntu:~\$ ls Desktop Downloads Music Public TrezarCoin Documents examples.desktop Pictures Templates Videos trgnn@ubuntu:~\$ cd .TrezarCoin bash: cd: .TrezarCoin: No such file or directory trgnn@ubuntu:~\$ cd .trezarcoin trgnn@ubuntu:~/.trezarcoin\$ ls blktree blocks coins database db.log debug.log peers.dat wallet.dat trgnn@ubuntu:~/.trezarcoin\$ nano trezarcoin.conf

😑 💿 trgnn@ubuntu: ~/.trezarcoin

To exit NANO text editor and save changes press Ctrl+X and confirm changes.

😣 🗖 🗊 trgnn@ubuntu: ~/.trez	arcoin	
GNU nano 2.5.3	File: trezarcoin.conf	Modified
GNU nano 2.5.3 irc=1 dns=1 qtstyle=2 daemon=1 server=1 stakegen=1 logtimestamps=1 minersleep=2000 stakemindepth=1000 stakemintime=72 stakecombine=40 stakesplit=80 port=17298 rpcport=17299	File: trezarcoin.conf	Modified
rpcuser=anotherusername	h2d21hdatm14cSSfKvCV2dfD	
addnode=162.217.249.198:17	298	
addnode=46.4.0.101:17298 addnode=113.176.188.121:57	514	

Your configuration file must look like this.

To add more nodes, just edit the trezarcoin.conf file.

* Here's a list of nodes you might want to add to your trezarcoin.conf file to improve your wallet connectivity to the network:

addnode=185.213.210.221:53740 addnode=73.237.102.32:59777 addnode=47.208.105.74:11315 addnode=5.240.11.137:64425 addnode=176.159.112.85:59237 addnode=188.242.118.114:37285 addnode=5.44.169.46:49291 addnode=162.217.249.198:55383 addnode=116.100.160.65:64046 addnode=14.226.75.73:53267 addnode=80.110.114.112:7677 addnode=68.111.254.128:17298 addnode=93.115.61.74:50791 addnode=212.143.244.194:57699 addnode=91.202.46.63:57345 addnode=78.180.172.159:57469 addnode=178.165.68.219:17298 addnode=212.112.153.139:51318 addnode=213.27.32.68:61600 addnode=185.39.74.210:59297 addnode=109.232.227.133:63397 addnode=116.105.206.34:57699 addnode=188.243.232.224:62745 addnode=37.219.18.171:14620 addnode=178.188.184.241:60025 addnode=185.137.97.14:56448 addnode=90.20.156.87:63982 addnode=188.19.232.127:50003 addnode=75.109.71.168:50915 addnode=89.141.164.216:61425 addnode=201.1.80.41:49578 addnode=87.105.139.164:63662

addnode=180.211.175.181:17298 addnode=109.189.50.14:57087 addnode=64.199.25.9:54382 addnode=103.73.92.65:63184 addnode=171.6.242.22:64538 addnode=176.100.61.37:52541 addnode=110.20.75.83:58339 addnode=37.187.146.34:17298 addnode=178.203.233.245:1276 addnode=83.30.223.115:17298 addnode=85.93.59.50:2218 addnode=2.37.162.168:17298 addnode=178.251.219.166:63567 addnode=91.126.237.243:17298 addnode=84.234.52.190:42892 addnode=213.149.51.206:4081 addnode=217.129.212.100:50084 addnode=93.34.239.151:64047 addnode=94.54.4.218:4872 addnode=49.35.21.78:52955 addnode=85.140.113.81:64903 addnode=109.64.60.7:53070 addnode=ec2-35-182-231-94.ca-central-1.compute.amazonaws.com:17298 addnode=ec2-107-20-130-221.compute-1.amazonaws.com:17298 addnode=ec2-34-213-225-118.us-west-2.compute.amazonaws.com:17298 addnode=ec2-52-59-255-239.eu-central-1.compute.amazonaws.com:17298 addnode=ec2-54-252-216-76.ap-southeast-2.compute.amazonaws.com:17298 Launch the wallet once to check your installation.

- > cd TrezarCoin
- > ./trezarcoin-qt

That's it! :) Your local Ubuntu is ready, this wallet will be used to send and receive coins. Now we'll setup our VPS PoS wallet. To be able to stake, our PoS wallet should never send coins.



The wallet should synchronize with the network. It may take a few minutes.

For the purpose of this guide I have used a VPS provider HETZNER (https://www.hetzner.com/)

Linux distro under which the wallet was compiled and run is Ubuntu 16.04. Other different versions of Linux might require some other commands or syntax which won't be covered in this guide.

Important: The server configuration is bare minimum 1 CPU and 1 GB of RAM.

This is enough to run the wallet but might not be enough to compile it.

To compile the wallet you need 2GB of ram or if you have a 1GB RAM server you need to create a Swap file of 1GB. Detailed instructions on how to do it are provided further on.

ordening	
vServer CX10	
Operating system*	Rescue system
	O Rescue system
	Operating systems without pre-installed control panel
	O CentOS 6.9 minimal
	O CentOS 7.3 minimal
	O Debian 9.1 LAMP
	O Debian 9.1 minimal
	O openSUSE 42.2 minimal
	Obuntu 16.04.2 LTS minimal
	O Ubuntu 16.04.2 LTS Nextcloud
	O Ubuntu 17.04 minimal
	Operating systems with pre-installed control panel
	O CentOS 7.3 + cPanel
	O CentOS 7.3 + Plesk
	O Debian 8.8 + Plesk
	O Ubuntu 16.04.2 LTS + Plesk
Number of servers*	1

Choose the password option here

VServer CX10					
	Unit price	Total p	orice		
	Monthly Setup	Monthly	Setup		
	£3.00 £0.00	£ 3.00	€0.00	Edit	
	00.00 00.00	0.50	0.00	Delete	
Ubuntu 16.04.2 LTS minim	al (English)				
Total: Server login details () The key data is accepted in C	OpenSSH and SSH2 format.	€ 3.90	€0.00		
Total: Server login details The key data is accepted in C Please select your preferred meth	ipenSSH and SSH2 format. od for accessing the new server	€ 3.90	€ 0.00		
Total: Server login details The key data is accepted in C Please select your preferred meth f you select "Password" as your a	openSSH and SSH2 format. Od for accessing the new server uthentication method, a randomi	€ 3.90	€ 0.00	ord will be :	nt to you via email when the server is ready.
Total: Server login details The key data is accepted in C Please select your preferred meth f you select "Password" as your a you specify your public SSH key.	ipenSSH and SSH2 format. od for accessing the new server uthentication method, a randomi you can log in to the server with	€ 3.90 y generate	€ 0.00 d passwo	ord will be s	nt to you via email when the server is ready. te key. A password is not sent if you select the "Public Key" (
Total: Server login details The key data is accepted in C Please select your preferred meth f you select "Password" as your a f you specify your public SSH key. Type*	ipenSSH and SSH2 format. od for accessing the new server uthentication method, a randomi you can log in to the server witt © Passw	€ 3.90 y generate nout a pass	€ 0.00 d passwo word usin	ord will be :	nt to you via email when the server is ready. Ite key. A password is not sent if you select the "Public Key" (

As soon as your order will be proceed, Hetzner will send you an email with your login information along with the static IP of your server.

	HETZNER	Robot login	
Hetzner Online GmbH • Industriestz 25 • 91710 Gunzenhausen • Germany			
	Tel.: <u>+49 9831 505-0</u> Fax: +49 9831 505-3 info@hetzner.com	User*	arbezmathi
	www.hetzner.com	 Dassword*	
Dear Mathieu Arbez		1 4350014	•••••
Below are the login credentials for your Robot administration interface.			
URL: https://robot.vour-server.de Login: arbezmathi Password: The password you created on ordering		Login	
Please would you keep these details in a safe place in order to protect them from unauthorised access.			
If you have ordered a server, you will receive another email with login credentials for the server as soon as it has been provisioned.			
You will also receive an email if you have ordered the Domain Registration Robot or Nameserver Robot, once this has been activated.			
Best regards			
Your Hetzner Online Team			

4

Download PuTTY here <u>http://www.putty.org/</u> and extract the .tar file in your home directory.

Install PuTTY with:

> cd

- > sudo apt-get install libgtk-3-dev
- > cd putty
- > make
- > sudo make install

Type <putty> to run it, the guy will appear. Fill the *Host Name field* with your server's IP. Click on the *open* button to connect and access to the terminal. Use the default port (22). You don't need to change any option. An error message may appears, ignore it.





5

Login Details The Linux installation for your server CX10 #732477 (94.130.107.201) is complete. You can now access the server via SSH2 using the following details: IPv4 Address: 94.130.107.201 IPv6 Address: 2a014f8::0c:3555::2 Username: root Password: 3a:e8.2d:eb:a8:bb:a9:ae:17:f5:8c:b2:38:e2:cf:4d (RSA 2048) a9:13:5e:ea:6a:5c:d0:b5:d8:54:77:44:f6:74:58:8f (DSA 1024) 58:5a:b2:ae:df:76:ef:96:94:83:2d:21:43:1b:98:ab (ECDSA 256) e9:e1:33:dd:cb:ec:4c:46:fd:b8:b1:74:76:0f:7f:af (ED25519 256) For your own security, we advise you to change your login credentials as soon as possible. Please keep your details in a safe place in order to proted them from unauthorised access.

Use login details from your VPS provider to access the server, update Ubuntu then install all necessary libraries to either be able to compile the wallet or run it.

> apt-get install qt4-qmake libqt4-dev build-essential libboost-dev libboost-system-dev libboost-filesystem-dev libboost-program-options-dev libboost-thread-dev libssl-dev libdb++-dev libminiupnpc-dev

Once we have all dependencies we can download and compile the wallet:

- > sudo apt-get install git
- > git clone https://github.com/TrezarCoin/TrezarCoin.git
- > cd TrezarCoin/src
- > make -f makefile.unix
- > mv trezarcoind ~/
- > cd
- > rm -rf TrezarCoin
- > mkdir .trezarcoin
- > cd .trezarcoin



These are necessary libraries to either be able to compile the wallet or run it [if you use a precompiled one]

If you don't have more than 1GB of RAM on your VPS, please follow these instructions to enable a SWAP file for being compile:

Create a Swap file: When entering these commands you will get no feedback, just enter them one by one, the changes happen. > sudo fallocate -l 1G /swapfile > sudo chmod 600 / swapfile > sudo mkswap /swapfile > sudo swapon / swapfile Making Swap file permanent (optional): We have our swap file enabled, but when we reboot, the server will not automatically enable the file. We can change that by modifying the fstab file. > sudo nano /etc/fstab At the bottom of the file, you need to add a line that will tell the operating system to automatically use the file you created: >/swapfile none swap sw 0 0

Save and exit the text editor.

To exit NANO text editor press Ctrl+X and confirm changes.

(Optional) You might need to reboot the system if ./autogen.sh command fails to run. Type: reboot and your session will terminate. Reconnect and continue with the guide.



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biteoinrpe.spp biteoinrpe.h checkpoints.spp root@Ubuntu-1604 diamond=cli dia root@Ubuntu-1604 mec	db.h init.opp init.h -xenial-64-minimal kend.conf diamono rxenial-64-minimal	keystore.cpp keystore.h leveldb "/TrezarCoin. " + 1s d diasond-tx " + ,/trezard	wakefile.osx wakefile.unix miner.cpp /src # cd tnp TrezarCoin tre coind	net.cpp net.h nout.cpp zarcoind unomp	rpcblockchain.cpp rpcdump.cpp rpcmining.cpp	scrypt.cpp scrypt.h scrypt-x86_64.S	txdb.h ui_interface.h uint256.h	wallet.h
root2Ubuntu-1604 root2Ubuntu-1604 poot2Ubuntu-1604 blktnee blocks root2Ubuntu-1604 root2Ubuntu-1604 root2Ubuntu-1604 root2Ubuntu-1604 root2Ubuntu-1604 root2Ubuntu-1604 root2Ubuntu-1604 root2Ubuntu-1604	xenial-64-minina) xenial-64-minina) coins database xenial-64-minina) xenial-64-minina) xenial-64-minina) xenial-64-minina) xenial-64-minina) xenial-64-minina) xenial-64-minina) xenial-64-minina) xenial-64-minina)	<pre>" * d .traza "/ trazarosis "/.trazarosis "/.trazarosis "/.trazarosis "/.trazarosis " * od Trazar "/TrazarCosn " * 1s id dissond=tx " * ./trazan " * ./trazan " * ./trazan g port. Use -;</pre>	arcoin a 1s log peers,dat treza a nano trezarcoin.co a e d top TrezarCoin tre coind tribuable to bind to istemn0 if you want t	rcoin.conf walle nf zarcoind unomp 0.0.0.0:17298 on his.	t,dat this computer. Trez	arcoin is probably alre	ady running.	
root@Ubuntu-1604 Trezarcoin serve root@Ubuntu-1604 root@Ubuntu-1604 {	-xenial=64-minimal • stopping -xenial=64-minimal -xenial=64-minimal	* # ./trezan * # ./trezan * # ./trezan	coind stop coind coind listaccounts					
) rootRUbuntu-1604 TqUZHJ4S9k-3YHdrill rootRUbuntu-1604 TqUZHJ4S9k-3YHdrill rootRUbuntu-1604	-xenial=64-minimal 22Ecv54zN2fnFJaie0 -xenial=64-minimal 22Ecv54zN2fnFJaie0 -xenial=64-minimal	" + ,/trezan " + ,/trezan " + ,/trezan	coind getaccountaddres coind getaccountaddres coind listaccounts					
i "" : 0,00000 } root@Ubuntu-1604	000 -xenial-64-minimal	* # ./trezan	coind getaccountaddres					
Tpor1KLk/thrNesKT root2Ubuntu-1604 { "": 0,00000	7HZvoNUaKOC3zoZsDE -xenial-64-minimal 000,							
stake : 0, }		7. 8. mm and T						

A bit of configuration..

> nano trezarcoin.conf (this will open a text editor where we'll paste needed commands)

Copy and paste these, changing appropriate fields:

irc=1 dns=1 daemon=1 server=1 stakegen=1 logtimestamps=1 minersleep=2000 stakegen=1 stakemindepth=1000 stakemintime=72 stakecombine=40 stakesplit=80 port=17298 rpcport=17299 rpcuser=YOUR_USERNAME rpcpassword=YOUR_STRONG_PASSWORD addnode=162.217.249.198:17298 addnode=46.4.0.101:17298

To exit NANO text editor and save changes press Ctrl+X and confirm changes.

List of nodes you can add to improve your connectivity to the network:

addnode=185.213.210.221:53740 addnode=73.237.102.32:59777 addnode=47.208.105.74:11315 addnode=5.240.11.137:64425 addnode=176.159.112.85:59237 addnode=188.242.118.114:37285 addnode=5.44.169.46:49291 addnode=162.217.249.198:55383 addnode=116.100.160.65:64046 addnode=14.226.75.73:53267 addnode=80.110.114.112:7677 addnode=68.111.254.128:17298 addnode=93.115.61.74:50791 addnode=212.143.244.194:57699 addnode=91.202.46.63:57345 addnode=78.180.172.159:57469 addnode=178.165.68.219:17298 addnode=212.112.153.139:51318 addnode=213.27.32.68:61600 addnode=185.39.74.210:59297 addnode=109.232.227.133:63397 addnode=116.105.206.34:57699 addnode=188.243.232.224:62745 addnode=37.219.18.171:14620 addnode=178.188.184.241:60025 addnode=185.137.97.14:56448 addnode=90.20.156.87:63982 addnode=188.19.232.127:50003 addnode=75.109.71.168:50915 addnode=89.141.164.216:61425 addnode=201.1.80.41:49578 addnode=87.105.139.164:63662

addnode=180.211.175.181:17298 addnode=109.189.50.14:57087 addnode=64.199.25.9:54382 addnode=103.73.92.65:63184 addnode=171.6.242.22:64538 addnode=176.100.61.37:52541 addnode=110.20.75.83:58339 addnode=37.187.146.34:17298 addnode=178.203.233.245:1276 addnode=83.30.223.115:17298 addnode=85.93.59.50:2218 addnode=2.37.162.168:17298 addnode=178.251.219.166:63567 addnode=91.126.237.243:17298 addnode=84.234.52.190:42892 addnode=213.149.51.206:4081 addnode=217.129.212.100:50084 addnode=93.34.239.151:64047 addnode=94.54.4.218:4872 addnode=49.35.21.78:52955 addnode=85.140.113.81:64903 addnode=109.64.60.7:53070 addnode=ec2-35-182-231-94.ca-central-1.compute.amazonaws.com:17298 addnode=ec2-107-20-130-221.compute-1.amazonaws.com:17298 addnode=ec2-34-213-225-118.us-west-2.compute.amazonaws.com:17298 addnode=ec2-52-59-255-239.eu-central-1.compute.amazonaws.com:17298 addnode=ec2-54-252-216-76.ap-southeast-2.compute.amazonaws.com:17298



We can now start the PoS wallet on a remote server by executing this command:

> ./treazarcoind

To get your default unlabelled wallet address just execute > ./trezarcoind getaccountaddress «» To get a labelled wallet address just execute > ./trezarcoind getaccountaddress <label> To see the list of adresses and their balances just execute > ./trezarcoind listaccounts To stop the wallet just execute > ./trezarcoind stop