

Be your own TPoS-Merchant

29th April 2018

Wallet: 1.0.8

VPS: Ubuntu 16.04 x64

Coldwallet: Windows 10 x64



STAKENET

Author:



jstarhead

Donation:

XSN: XqwjrNq9wswhJLdcLTo2etpxNUStAdh6Zj
BTC: 3JQEJPKeGt3M4XHzsZ2gsSgwZmCH8tonqD

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Disclaimer

- #1 This guide only works with [xsn-wallet](#) V1.0.6 +.
- #2 This guide works for nearly every Linux distribution at your VPS.
- #3 This guide works for nearly every Windows, Linux or iOS at your local PC.
- #4 You need a SSH telnet client like [PuTTY](#).
- #5 You need one static IPv4 for every TPOS-Contract your VPS will host.
- #6 If you dont have a VPS, you can rent a VPS at [Vultr](#) or [evolution-host](#).
- #7 Every IP, private key, public key and txid I used in this guide were only created and used for this guide. They never have been hot and are already destroyed.

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Rent a VPS-Server

For setting up a TPoS-Merchant VPS with only one IPv4, the hardware requirements are very low.

The image shows a comparison of VPS services. On the left, the Vultr interface is shown with three steps: 1. Server Location (Los Angeles, United States), 2. Server Type (64 bit OS, Ubuntu 16.04 x64), and 3. Server Size (25 GB SSD, \$5/mo, 1 CPU, 1024MB Memory, 1000GB Bandwidth). On the right, the Evolution-Host interface shows a €5 Starter Monthly VPS Plan with specifications: 1 CPU Core, 512MB DDR3 RAM, 50GB Storage Space, 125Mb/s Port, 1TB Monthly Transfer, Advanced DDoS Protection, Linux Distributions, and Europe/US Locations. Both services have an 'Order Now' button.

Service	Price	Specifications
Vultr	\$5/mo (\$0.007/h)	1 CPU, 1024MB Memory, 1000GB Bandwidth, 25 GB SSD
Evolution-Host	€5	1 CPU Core, 512MB DDR3 RAM, 50GB Storage Space, 125Mb/s Port, 1TB Monthly Transfer, Advanced DDoS Protection, Linux Distributions, Europe/US Locations

Author:



Donation:

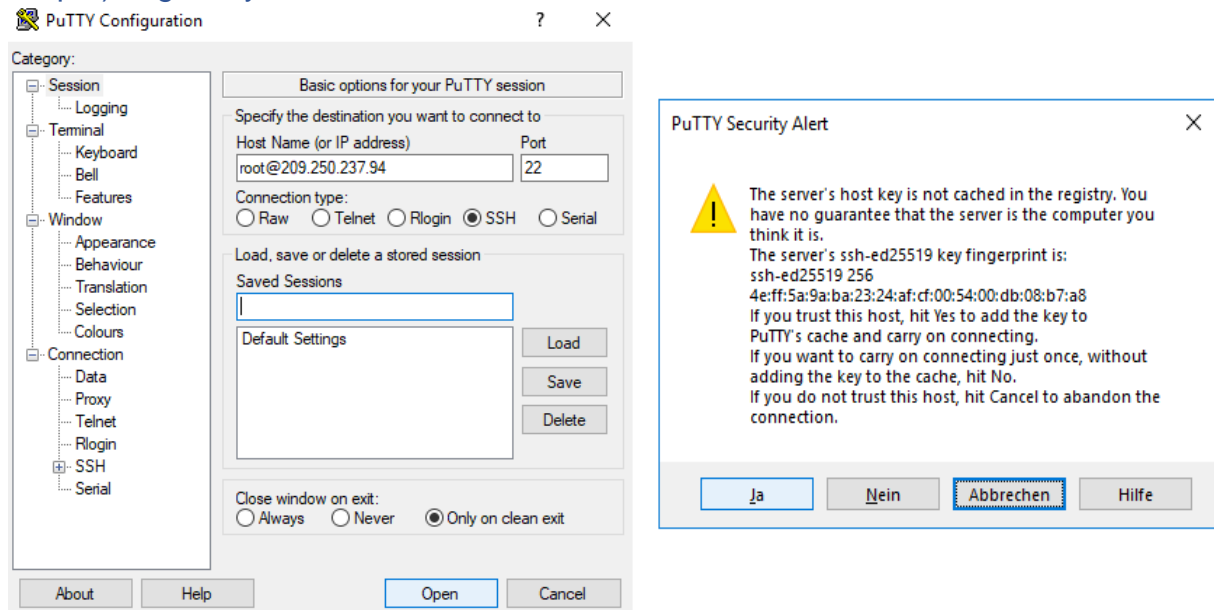
XSN: XqwjrNq9wswHJLdcLTo2etpxNUStAdh6Zj
BTC: 3JQEJPKeGt3M4XHzsZ2gsSgwZmCH8tonqD

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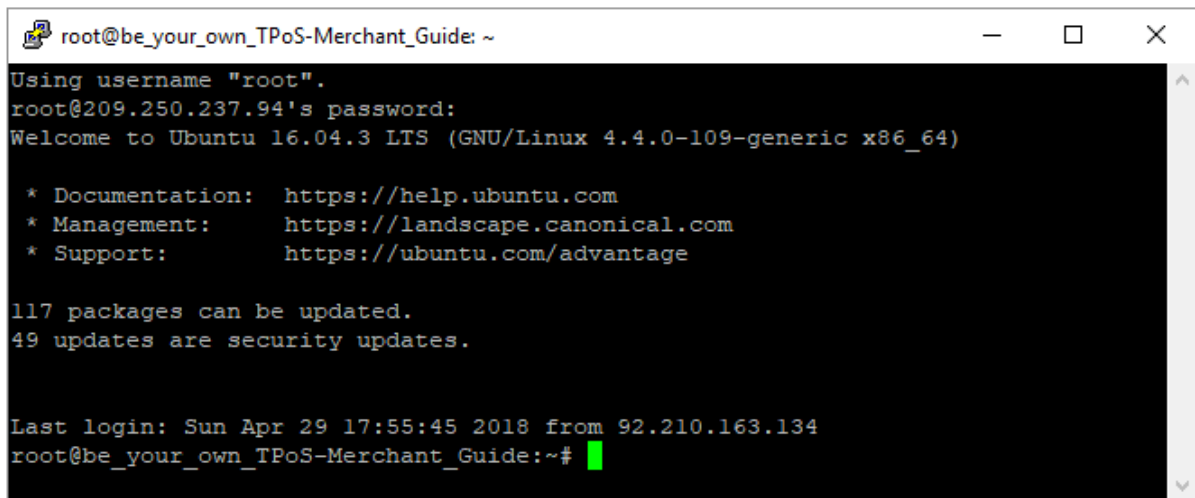


Set up your VPS-Server

Step 1) Log into your VPS with PuTTY



Login your VPS with PuTTY: Root@“your.vps.merchant.ip“. If this is the first time, you login your VPS, you have to accept and add the servers SSH-Key. Just press yes.



If this is the first time you use a linux bash don't be confused. You never see your password when writing in a linux OS.

Tipp: If you use Vultr or evolution-host, you can copy your password at their homepage and past it into linux with a right-klick.

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Step 2) Set up a super-do user

```
root@be_your_own_TPoS-Merchant_Guide: ~
root@be_your_own_TPoS-Merchant_Guide:~# adduser xsn_tpos_guide
Adding user `xsn_tpos_guide' ...
Adding new group `xsn_tpos_guide' (1001) ...
Adding new user `xsn_tpos_guide' (1001) with group `xsn_tpos_guide' ...
Creating home directory `/home/xsn_tpos_guide' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for xsn_tpos_guide
Enter the new value, or press ENTER for the default
  Full Name []:
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []:
Is the information correct? [Y/n] Y
root@be_your_own_TPoS-Merchant_Guide:~# usermod -aG sudo xsn_tpos_guide
root@be_your_own_TPoS-Merchant_Guide:~#
```

Commands: adduser "your_user_name"
usermod -aG sudo "your_user_name"

Step 3) Update and upgrade your VPS

```
root@be_your_own_TPoS-Merchant_Guide: ~
root@be_your_own_TPoS-Merchant_Guide:~# apt-get update
Hit:1 http://security.ubuntu.com/ubuntu xenial-security InRelease
Hit:2 http://archive.ubuntu.com/ubuntu xenial InRelease
Hit:3 http://archive.ubuntu.com/ubuntu xenial-updates InRelease
Hit:4 http://archive.ubuntu.com/ubuntu xenial-backports InRelease
Reading package lists... Done
root@be_your_own_TPoS-Merchant_Guide:~# apt-get upgrade
Reading package lists... Done
Building dependency tree
Reading state information... Done
Calculating upgrade... Done
The following packages have been kept back:
  linux-generic linux-headers-generic linux-image-generic
The following packages will be upgraded:
  apparmor apport apt apt-transport-https apt-utils base-files bind9-host
  bsdtails cloud-guest-utils cloud-initramfs-copymods
  cloud-initramfs-dyn-netconf curl distro-info-data dnsutils dpkg
  friendly-recovery gcc-5-base grub-common grub-legacy-ec2 grub-pc grub-pc-bin
  grub2-common hdparm ifupdown initramfs-tools initramfs-tools-bin
  initramfs-tools-core iproute2 isc-dhcp-client isc-dhcp-common
```

Commands: apt-get update
apt-get upgrade
apt dist-upgrade

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Step 4) Install a virtual environment

```
root@be_your_own_TPoS-Merchant_Guide: ~  
Setting up python (2.7.12-1~16.04) ...  
Setting up pv (1.6.0-1) ...  
Setting up python-pip-whl (8.1.1-2ubuntu0.4) ...  
Setting up python3-virtualenv (15.0.1+ds-3ubuntu1) ...  
Setting up unzip (6.0-20ubuntu1) ...  
Setting up virtualenv (15.0.1+ds-3ubuntu1) ...  
root@be_your_own_TPoS-Merchant_Guide:~# ufw allow ssh/tcp && ufw limit ssh/tcp &  
& ufw allow 62583/tcp && ufw logging on && ufw enable  
Rules updated  
Rules updated (v6)  
Rules updated  
Rules updated (v6)  
Rules updated  
Rules updated (v6)  
Rules updated  
Logging enabled  
Command may disrupt existing ssh connections. Proceed with operation (y|n)? y  
Firewall is active and enabled on system startup  
root@be_your_own_TPoS-Merchant_Guide:~#
```

Commands: apt install ufw python virtualenv git unzip pv

- ufw allow ssh/tcp
- ufw limit ssh/tcp
- ufw allow 62583/tcp
- ufw logging on
- ufw enable

Step 5) Create a swapfile

```
root@be_your_own_TPoS-Merchant_Guide: ~  
root@be_your_own_TPoS-Merchant_Guide:~# fallocate -l 4G /swapfile && chmod 600 /  
swapfile && mkswap /swapfile && swapon /swapfile  
Setting up swapspace version 1, size = 4 GiB (4294963200 bytes)  
no label, UUID=c675fbac-b05f-4776-8031-9e1d8956f827  
root@be_your_own_TPoS-Merchant_Guide:~#
```

Commands: fallocate -l 4G /swapfile

- chmod 600 /swapfile
- mkswap /swapfile
- swapon /swapfile

Author:



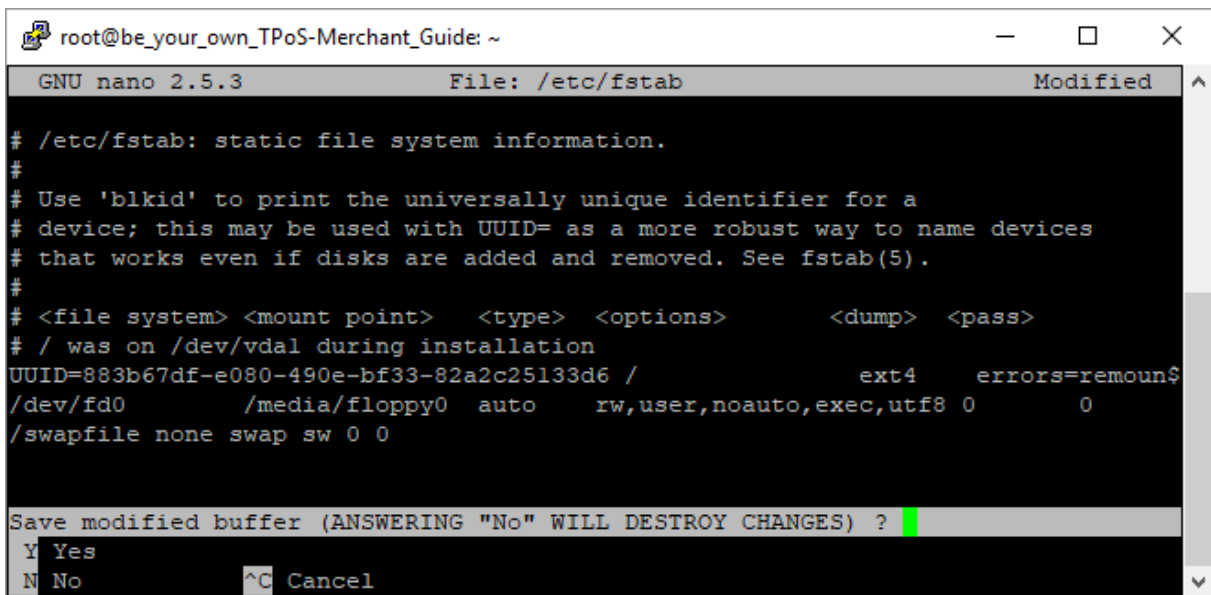
Donation:

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Step 6) Mount your swapfile

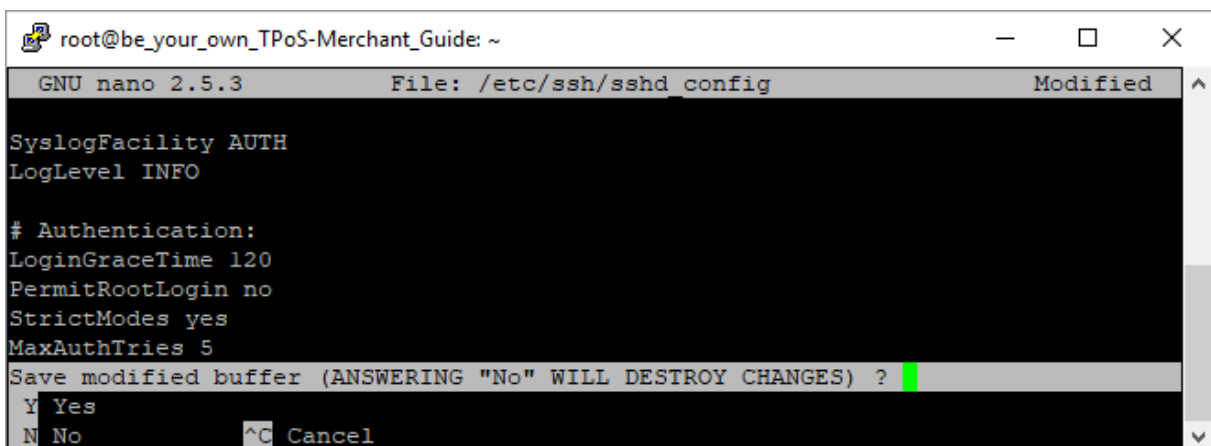


```
root@be_your_own_TPoS-Merchant_Guide: ~
GNU nano 2.5.3 File: /etc/fstab Modified
# /etc/fstab: static file system information.
#
# Use 'blkid' to print the universally unique identifier for a
# device; this may be used with UUID= as a more robust way to name devices
# that works even if disks are added and removed. See fstab(5).
#
# <file system> <mount point> <type> <options> <dump> <pass>
# / was on /dev/vdal during installation
UUID=883b67df-e080-490e-bf33-82a2c25133d6 / ext4 errors=remoun$
/dev/fd0 /media/floppy0 auto rw,user,noauto,exec,utf8 0 0
/swapfile none swap sw 0 0
Save modified buffer (ANSWERING "No" WILL DESTROY CHANGES) ?
Y Yes
N No ^C Cancel
```

Commands: nano /etc/fstab
/swapfile non swap sw 0 0

If this is the first time you use a linux bash don't be confused. The nano-command opens an editor. Navigate with the arrow keys to the bottom and write the /swapfile-command. To save your modifications, press ctrl+x, followed by y.

Step 7) Disable root login to protect your VPS



```
root@be_your_own_TPoS-Merchant_Guide: ~
GNU nano 2.5.3 File: /etc/ssh/sshd config Modified
SyslogFacility AUTH
LogLevel INFO
# Authentication:
LoginGraceTime 120
PermitRootLogin no
StrictModes yes
MaxAuthTries 5
Save modified buffer (ANSWERING "No" WILL DESTROY CHANGES) ?
Y Yes
N No ^C Cancel
```

Commands: nano /etc/ssh/sshd_config
PermitRootLogin no
MaxAuthTries 5

Navigate with the arrow keys to PermitRootLogin and change the yes into a no. Then add the MaxAuthTries line. To save your modifications, press ctrl+x, followed by y. From now on, you have to use the sudo user from Step 2) to login your VPS.

Author:



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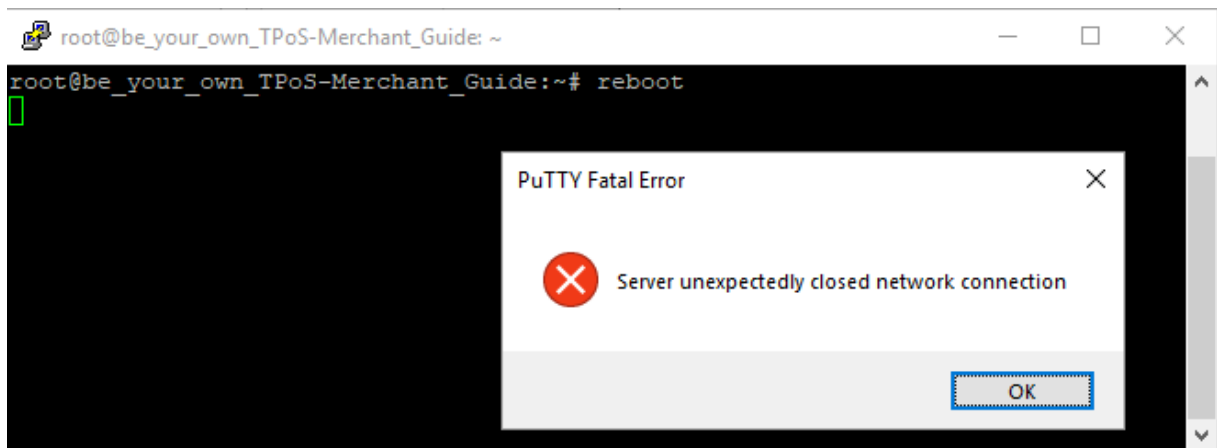
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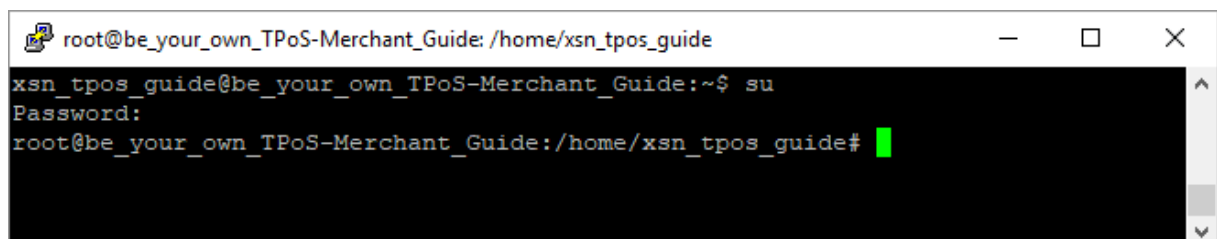
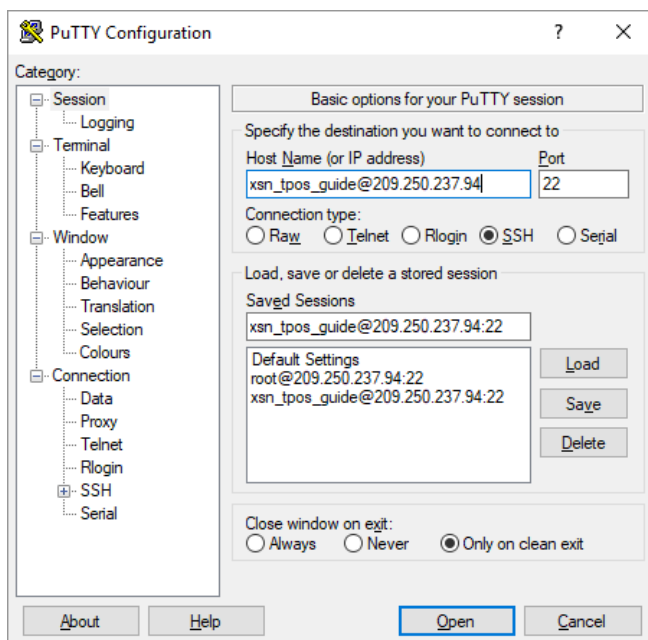
Step 8) Restart your VPS



Commands: reboot

You have to restart your PuTTY as well.

Step 9) Login your VPS and switch back to root



Commands: su

With su (switch user) you directly switch into root. Just enter your root-password now.

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Command summary:

```
adduser "your_user_name"  
usermod -aG sudo "your_user_name"  
  
apt-get update  
apt-get upgrade  
apt dist-upgrade  
  
apt install ufw python virtualenv git unzip pv  
ufw allow ssh/tcp  
ufw limit ssh/tcp  
ufw allow 62583/tcp  
ufw logging on  
ufw enable  
  
fallocate -l 4G /swapfile  
chmod 600 /swapfile  
mkswap /swapfile  
swapon /swapfile  
  
nano /etc/fstab  
    /swapfile non swap sw 0 0  
  
nano /etc/ssh/sshd_config  
    PermitRootLogin no  
    MaxAuthTries 5  
  
reboot  
su
```

Author:



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Install xsn-core at your VPS

Step 1) Create an empty directory and download the wallet

```
root@be_your_own_TPoS-Merchant_Guide: ~/xsncore
xsn_tpos_guide@be_your_own_TPoS-Merchant_Guide:~$ su
Password:
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide# clear
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide# cd ~ && mkdir xsncore
&& cd xsncore/
root@be_your_own_TPoS-Merchant_Guide:~/xsncore# wget https://github.com/X9Developers/XSN/releases/download/v1.0.8/xsncore-1.0.8-linux64.tar.gz
--2018-04-29 18:57:42-- https://github.com/X9Developers/XSN/releases/download/v1.0.8/xsncore-1.0.8-linux64.tar.gz
Resolving github.com (github.com)... 192.30.253.113, 192.30.253.112
Connecting to github.com (github.com)|192.30.253.113|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://github-production-release-asset-2e65be.s3.amazonaws.com/116008128/a0d78ec2-44c6-11e8-9590-71bfac948ac0?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAX4CSVEH53A%2F20180429%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20180429T185743Z&X-Amz-Expires=300&X-Amz-Signature=e7351e364bflbflc3e429638230fa3f16a9be9f76fb040cc9de5f4e92df543al&X-Amz-SignedHeaders=host&actor_id=0&response-content-disposition=attachment%3B%20filename%3Dxsncore-1.0.8-linux64.tar.gz&response-content-type=application%2Foctet-stream [following]
--2018-04-29 18:57:43-- https://github-production-release-asset-2e65be.s3.amazo
```

Commands: cd ~

mkdir xsncore

cd xsncore/

wget "https://github_download_link"

At the moment you have to use this link:

<https://github.com/X9Developers/XSN/releases/download/v1.0.8/xsncore-1.0.8-linux64.tar.gz>.

If you want to install another version, you have to look for the link on [github](#) on your own.

Author:



jstarhead

Donation:

XSN: XqwjrNq9wswhJLdcLTo2etpxNUStAdh6Zj
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Step 2) Unzip the downloaded files

```
root@be_your_own_TPoS-Merchant_Guide: ~/xsncore
root@be_your_own_TPoS-Merchant_Guide:~/xsncore# tar xfvz xsncore-1.0.8-linux64.t
ar.gz
xsncore-1.0.8/
xsncore-1.0.8/bin/
xsncore-1.0.8/bin/xsn-cli
xsncore-1.0.8/bin/xsnd
xsncore-1.0.8/bin/xsn-qt
xsncore-1.0.8/bin/xsn-tx
xsncore-1.0.8/include/
xsncore-1.0.8/include/xsnconsensus.h
xsncore-1.0.8/lib/
xsncore-1.0.8/lib/libxsnconsensus.so
xsncore-1.0.8/lib/libxsnconsensus.so.0
xsncore-1.0.8/lib/libxsnconsensus.so.0.0.0
root@be_your_own_TPoS-Merchant_Guide:~/xsncore#
```

Commands: tar xfvz xsncore-1.0.8-linux64.tar.gz

Step 3) Move your xsn-files to a secure place, change their permissions and clean up

```
root@be_your_own_TPoS-Merchant_Guide: ~/xsncore
root@be_your_own_TPoS-Merchant_Guide:~/xsncore# mkdir ~/.xsncore && cp xsncore-1
.0.8/bin/xsnd ~/.xsncore/ && cp xsncore-1.0.8/bin/xsn-cli ~/.xsncore/ && chmod 7
77 ~/.xsncore/xsn*
root@be_your_own_TPoS-Merchant_Guide:~/xsncore# rm xsncore-1.0.8-linux64.tar.gz
&& rm -r xsncore-1.0.8/
root@be_your_own_TPoS-Merchant_Guide:~/xsncore#
```

Commands: mkdir ~/.xsncore

cp xsncore-1.0.8/bin/xsnd ~/.xsncore/

cp xsncore-1.0.8/bin/xsn-cli ~/.xsncore/

chmod 777 ~/.xsncore/xsn*

rm xsncore-1.0.8-linux64.tar.gz

rm -r xsncore-1.0.8/

Keep in mind: If you downloaded another version of the wallet, your files might have another name. Example: wallet 1.0.6 file names were: xsncore-1.0.6*

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BTC: 3JQEJPKeGt3M4XHzsZ2gsSgwZmCH8tonqD

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Step 4) Edit your xsn.conf file

```
root@be_your_own_TPoS-Merchant_Guide: /home/xsn_tpos_guide
GNU nano 2.5.3 File: /root/.xsncore/xsn.conf Modified
server=1
listen=1
daemon=1
maxconnections=24
#merchantnode=1
#merchantnodeprivkey="we will add a key soon - but at first we have to start the daemon"
externalip=209.250.237.94:62583
rpcallowip=127.0.0.1
Save modified buffer (ANSWERING "No" WILL DESTROY CHANGES) ?
Y Yes
N No ^C Cancel
```

Commands: nano ~/.xsncore/xsn.conf

```
rpcallowip=127.0.0.1
listen=1
server=1
daemon=1
maxconnections=24
externalip= your.vps.merchant.ip:62583
```

We will edit the xsn.conf in the next chapter, to upgrade your xsn-server to a merchantnode.

Step 5) Start your xsn-daemon

```
root@be_your_own_TPoS-Merchant_Guide: /home/xsn_tpos_guide
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide# ~/.xsncore/xsnd
XSN Core server starting
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide#
```

Commands: ~/.xsncore/xsnd

Author:



Donation:

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BTC: 3JQEJPKeGt3M4XHzsZ2gsSgwZmCH8tonqD

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Command summary

```
cd ~
```

```
mkdir xsncore
```

```
cd xsncore/
```

```
wget "https://github_download_link"
```

```
tar xfvz xsncore-1.0.8-linux64.tar.gz
```

```
mkdir ~/.xsncore
```

```
cp xsncore-1.0.8/bin/xsnd ~/.xsncore/
```

```
cp xsncore-1.0.8/bin/xsn-cli ~/.xsncore/
```

```
chmod 777 ~/.xsncore/xsn*
```

```
rm xsncore-1.0.8-linux64.tar.gz
```

```
rm -r xsncore-1.0.8/
```

```
nano ~/.xsncore/xsn.conf
```

```
rpcallowip=127.0.0.1
```

```
listen=1
```

```
server=1
```

```
daemon=1
```

```
maxconnections=24
```

```
externalip= your.vps.merchant.ip:62583
```

```
Commands: ~/.xsncore/xsnd
```

Author:



Donation:

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Set up your own TPoS-Contract at your VPS

Foreword: Every command is executed at your VPS. There will be only one step, you need to execute at your cold wallet. This is the only moment your cold-wallet needs to be online for a few seconds.

Step 1) At your VPS: create a merchant address

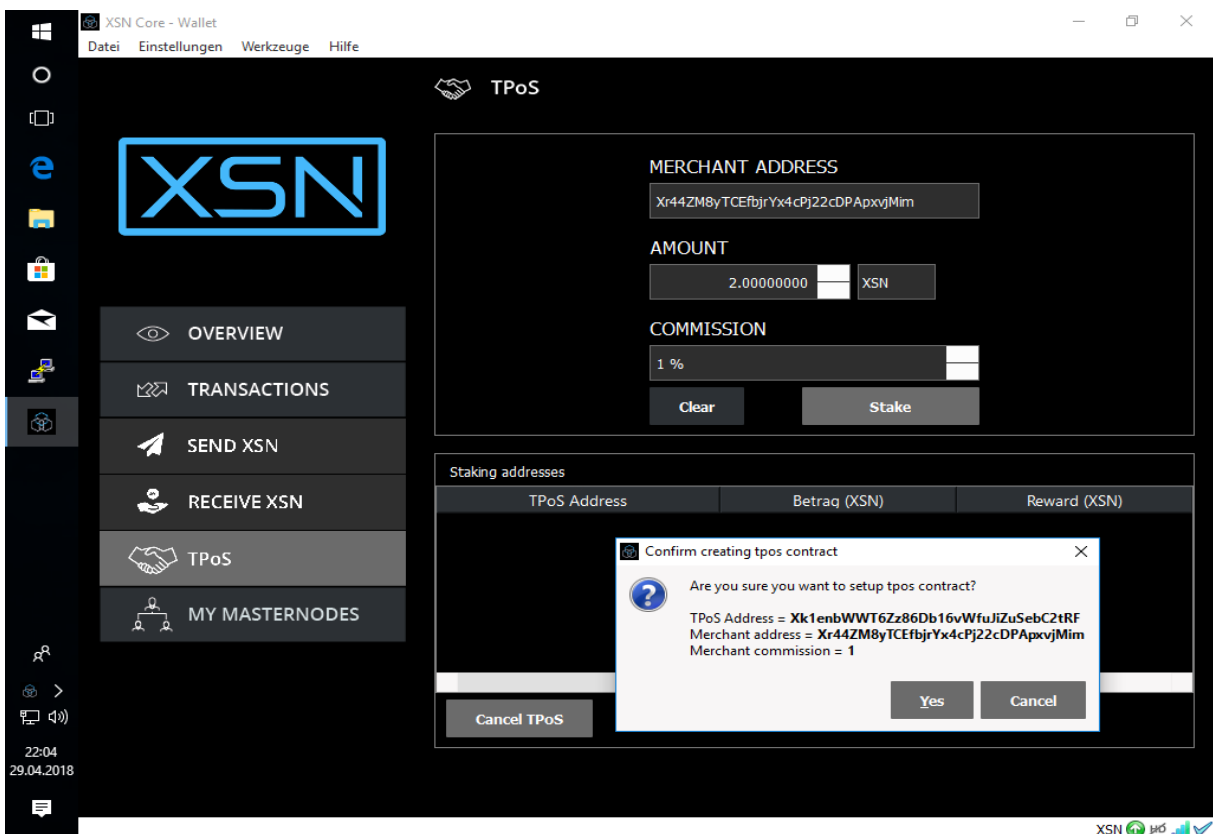
```
root@be_your_own_TPoS-Merchant_Guide: /home/xsn_tpos_guide
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide# ~/.xsncore/xsn-cli getnewaddress
Xr44ZM8yTCEfbjrYx4cPj22cDPApxvjMim
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide#
```

Commands: `~/.xsncore/xsn-cli getnewaddress`

Save this new address at a local editor, like Notepad. You need it in Step 2) and 3)

Tipp: mark the address in the linux bash and paste it into a local notepad.

Step 2) At your cold wallet: setup a tpos contract



Use the address from Step 1). Set the commission as low as possible, because you are your own merchant!

Author:



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Donation:

XSN: XqwjrNq9wswHJLdclTo2etpxNUStAdh6Zj
BTC: 3JQEJPKeGt3M4XHzsZ2gsSgwZmCH8tonqD

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Step 3) At your VPS: show the privat key of the merchant address

```
root@be_your_own_TPoS-Merchant_Guide: /home/xsn_tpos_guide
root@be_your_own_TPoS-Merchant_Guide:~/home/xsn_tpos_guide# ~/.xsncore/xsn-cli getnewaddress
Xr44ZM8yTCEfbjrYx4cPj22cDPapxvjMim
root@be_your_own_TPoS-Merchant_Guide:~/home/xsn_tpos_guide# ~/.xsncore/xsn-cli dumpprivkey XxNqFrHJ9
g56zJm8vbcFgUnf4j7Mzk98Tf
XDqwlVMBJYRsifHa9DSLzKAdQRxcfA8wDrp6wRLWmMnDNMLemhEW
root@be_your_own_TPoS-Merchant_Guide:~/home/xsn_tpos_guide#
```

Commands: ~/.xsncore/xsn-cli dumpprivkey “getnewaddress result from Step 1)”

Step 4) At your VPS: show your tpos contract

```
root@be_your_own_TPoS-Merchant_Guide: /home/xsn_tpos_guide
root@be_your_own_TPoS-Merchant_Guide:~/home/xsn_tpos_guide# ~/.xsncore/xsn-cli getnewaddress
Xr44ZM8yTCEfbjrYx4cPj22cDPapxvjMim
root@be_your_own_TPoS-Merchant_Guide:~/home/xsn_tpos_guide# ~/.xsncore/xsn-cli dumpprivkey XxNqFrHJ9
g56zJm8vbcFgUnf4j7Mzk98Tf
XDqwlVMBJYRsifHa9DSLzKAdQRxcfA8wDrp6wRLWmMnDNMLemhEW
root@be_your_own_TPoS-Merchant_Guide:~/home/xsn_tpos_guide# ~/.xsncore/xsn-cli tposcontract list
{
  "as_merchant": [
    {
      "txid": "b4f152eb4bc5f9cc5687aalf44ee2bf495d844d874de058f8651108e9c4887d",
      "tposAddress": "XklenbWWT6Zz86Db16vWfuJiZuSebC2tRF",
      "merchantAddress": "Xr44ZM8yTCEfbjrYx4cPj22cDPapxvjMim",
      "commission": 1
    }
  ],
  "as_owner": [
  ]
}
root@be_your_own_TPoS-Merchant_Guide:~/home/xsn_tpos_guide# ^C
root@be_your_own_TPoS-Merchant_Guide:~/home/xsn_tpos_guide#
```

Commands: ~/.xsncore/xsn-cli tposcontract list

Save the txid at a local editor, like Notepad. You need it in Step 5) and Step 10)

Step 5) At your VPS: edit the merchantnode.conf

```
GNU nano 2.5.3 File: /root/.xsncore/merchantnode.conf
Merchantnode config file
# Format: alias IP:port merchantPrivkey contractTxId
# Example: mnl 127.0.0.2:19999
tpos_merchantnode_name 209.250.237.94:62583 XDqwlVMBJYRsifHa9DSLzKAdQRxcfA8wDrp6wRLWmMnDNMLemhEW b4f$
[ Read 4 lines ]
^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos ^Y Prev Page
^X Exit ^R Read File ^\ Replace ^U Uncut Text ^T To Spell ^G Go To Line ^V Next Page
```

Commands: nano ~/.xsncore/merchantnode.conf

name ip:port privatkey txid

Author:



jstarhead

Donation:

XSN: XqwjrNq9wswHJLdclTo2etpxNUStAdh6Zj
BTC: 3JQEJPKegT3M4XHzsZ2gsSgwZmCH8tonqD

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Step 6) At your VPS: edit the xsn.conf

```
root@be_your_own_TPoS-Merchant_Guide: /home/xsn_tpos_guide
GNU nano 2.5.3 File: /root/.xsncore/xsn.conf Modified
server=1
listen=1
daemon=1
maxconnections=24
merchantnode=1
merchantnodeprivkey=XDqwlVMBJYRsifHa9DSLzKAAdQRxcfA8wDrp6wRLWmMnDNMLemhEW
externalip=209.250.237.94:62583
rpcallowip=127.0.0.1

^G Get Help ^O Write Out ^W Where Is ^R Cut Text ^U Justify ^C Cur Pos ^Y Prev Page
^X Exit ^R Read File ^\ Replace ^T Uncut Text ^I To Spell ^_ Go To Line ^V Next Page
```

Commands: nano ~/.xsncore/xsn.conf

```
merchantnode=1
```

```
merchantnodeprivkey="dumpprivkey "getnewaddress" result"
```

Now we can add the privat key from Step 3) in the xsn.conf file

Step 7) At your VPS: restart your server

```
root@be_your_own_TPoS-Merchant_Guide: /home/xsn_tpos_guide
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide# ~/.xsncore/xsn-cli stop
XSN Core server stopping
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide# ~/.xsncore/xsnd
XSN Core server starting
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide#
```

Commands: ~/.xsncore/xsn-cli stop

```
~/.xsncore/xsnd
```

Step 8) At your VPS: start the merchantnode

```
root@be_your_own_TPoS-Merchant_Guide: /home/xsn_tpos_guide
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide# ~/.xsncore/xsn-cli merchantnode start-alias tpos_merchantnode_name
{
  "alias": "tpos_merchantnode_name",
  "result": "successful"
}
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide#
```

Commands: ~/.xsncore/xsn-cli merchantnode start-alias "merchantnode_name"

Author:



jstarhead

Donation:

XSN: XqwjrNq9wswHJLdclT02etpxNUStAdh6Zj
BTC: 3JQEJPKeGt3M4XHzsZ2gsSgwZmCH8tonqD

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STAKENET

Step 9) At your VPS: show the merchantnode config

```
root@be_your_own_TPoS-Merchant_Guide: /home/xsn_tpos_guide
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide# ~/.xsncore/xsn-cli merchantnode list-conf
{
  "merchantnode": {
    "alias": "tpos_merchantnode_name",
    "address": "209.250.237.94:62583",
    "privateKey": "XDqwlVMBJYRsiFHa9DSLzKAdQRxcFA8wDrp6wRLWmMnDNMLemhEW",
    "status": "PRE_ENABLED"
  }
}
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide#
```

Commands: `~/.xsncore/xsn-cli merchantnode list-conf`

After 15-30min the PRE_ENABLED status will switch into ENABLED.

Step 10) At your VPS: start the tpos contract

```
root@be_your_own_TPoS-Merchant_Guide: /home/xsn_tpos_guide
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide# ~/.xsncore/xsn-cli setgenerate true 1 true
b4f152eb4bc5f9cc5687aalf44ee2bf495d844d874de058f8651108e9c4887d
root@be_your_own_TPoS-Merchant_Guide:/home/xsn_tpos_guide#
```

Commands: `~/.xsncore/xsn-cli setgenerate true 1 true "txid from step 4"`

After your PRE_ENABLED status switch into ENABLED you can run these command. Without this command, your merchantnode will not start staking.

Author:



Donation:

XSN: XqwjrNq9wswHJLdcLTo2etpxNUStAdh6Zj
BTC: 3JQEJPKeGt3M4XHzsZ2gsSgwZmCH8tonqD

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Command summary

~/xsncore/xsn-cli getnewaddress

~/xsncore/xsn-cli dumpprivkey "getnewaddress result"

~/xsncore/xsn-cli tposcontract list

nano ~/.xsncore/xsn.conf

```
merchantnode=1
```

```
merchantnodeprivkey="dumpprivkey "getnewaddress result"
```

~/xsncore/xsn-cli stop

~/xsncore/xsnd

~/xsncore/xsn-cli merchantnode start-alias "tpos_merchantnode_name"

~/xsncore/xsn-cli merchantnode list-conf

~/xsncore/xsn-cli setgenerate true 1 true "txid"

Author:



jstarhead

Donation:

XSN: XqwjrNq9wswhJLdcLTo2etpxNUStAdh6Zj
BTC: 3JQEJPKeGt3M4XHzsZ2gsSgwZmCH8tonqD

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