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Thread: [\[TUTORIAL\] SECURE YOUR OMNICOIN WALLET](#)

VirusTotal - May 22, 2014, 12:16 pm

Other useful OmniCoin tutorials wrote by me:

[OMNICOIN VOCABULARY - Some Omnicoin words you might hear](#)

[\[TUTORIAL\] INSTALL AND USE OMNICOIN-QT](#)

[\[TUTORIAL\] SETUP AN OMNICOIN NODE ON UNIX VPS](#)

[\[TUTORIAL\] SETUP AN OMNICOIN NODE ON WINDOWS VPS](#)

HOW TO SECURE YOUR OMNICOIN WALLET

[IMG]<http://s3.postimg.org/dvwcnickj/logo2.gif>[IMG]

STEPS

1- MAKE SURE YOU DON'T HAVE VIRUS INSTALLED ON YOUR COMPUTER

This is probably the most obvious guide's step but at the same time the most important. Make sure your computer doesn't contain any type of virus/keylogger/malware installed. I personally advise [Avast](#) (as Free Antivirus) and [Avira](#) (as Paid Antivirus) but you can use your favourite one. If you have doubt as to which is the best check this thread: [Antivirus recommendations v2](#)

2- MAKE SURE YOU HAVE DOWNLOADED THE OFFICIAL CLIENT

At the moment there is only one Offline Client and is OmniCoin-qt. The latest download of Omnicoin-Qt can be found [here](#). There are executables for all platforms including Windows and Mac. Go ahead and download your version, and install it. If you have and problems during this guide with Omnicoin-Qt you can ask for help on [#omnicoin](#) on IRC. If you don't have an IRC client use [webchat here](#).

3- MOVE YOUR WALLET OFFLINE

The wallet file contains the private keys we just printed for your Omnicoin addresses. As mentioned, these are required in order to send Omnicoins. If anyone obtains this file they can steal your coins. Encrypting the file will help in preventing someone from accessing the private keys, but the best way is to take the file offline!Close Omnicoin-Qt.

Locate your wallet.dat file. The file should be in the following locations in Windows and Linux respectively:

- Windows users:

C:\Users\[YOUR USERNAME]\AppData\Roaming\Omnicoin\wallet.dat

- Linux users:

/home/[YOUR USERNAME]/.omnicoin/wallet.dat

Move your wallet.dat file to several offline places (cold storage), such as 4x USB sticks.

Ensure you do not leave a copy of wallet.dat on your computer, cut and paste it to the last USB stick. This ensures that if your computer is compromised no one can get your private keys/infos and steals omnicoins.

4- ENCRYPT THE WALLET

This step is optional, but is highly recommended. It helps prevent someone from accessing your private keys should they steal your wallet.

Go to Settings >Encrypt Wallet and insert a passphrase.

Note: After encrypting wallet, it will not ask you for the password whenever you start the program. It will only ask for the password whenever you try to withdraw/send Omnicoins.

4- ENCRYPT OMNICOIN DIRECTORY

Windows users:

I advise you to encrypt your wallet's directory or to create an encrypted disk image and paste your client. You can use Windows Official Crypter or download [TrueCrypt](#) (open source) or [Jetico BestCrypt](#) (commercial).

Directory:

C:\Users\[YOUR USERNAME]\AppData\Roaming\Omnicoins

Linux users:

Steps:

Code apt-get install ecryptfs-utils #encryption download

cp -pfr /.omnicoin/ /tmp/ #backup

mount -t ecryptfs /home/[YOUR USERNAME]/.omnicoin/ /home/[YOUR USERNAME]/.omnicoin/
#encrypt directory

([Here](#) you can find all eCryptfs' documentation

6- PRINT PRIVATE KEYS

Each Omnicoin address has a private key associated with it, the private key is required to send Omnicoins from the address to another address. You should keep a copy of your private keys on paper (paper wallet) and store it somewhere safe. You can later use your paper wallet to restore your wallet, should you lose your wallet file.

Go to Help>Debug Window>Console and type:

Code dumpprivkey your-omnicoin-address

The private key will be displayed in the debug window. Repeat for each address.

Copy the results to notepad and print. Delete the notepad file!

7- CHECK YOUR BALANCE

You can check your personal balance and activity without a client. To do this you just need to go to

Omnicha.in and insert your OMC address. This allows you to check your account every time everywhere.

8- IMPORTANCE OF UPDATES

Make sure you have downloaded the latest version of Omnicoin-Qt. Check [Omnicoin Section](#) for news or check www.omnicoin.org.

No software is perfect, there may be security vulnerabilities found in your Omnicoin client as well.

AngularJS - May 22, 2014, 12:31 pm

Really good tutorial, your name "VirusTotal" totally boosts the thread.

It's a good and clear tutorial, easy to use for everyone.

Good job!

Greetz, XAnacondaX.

Jagster™ - May 22, 2014, 1:01 pm

Great job buddy, HQ information in here. Hopefully users will put this to good use!

~Jagster

?Chief Keef. - May 22, 2014, 1:02 pm

Wow thanks for this awesome tutorial bud! Layout is sexy

VirusTotal - May 22, 2014, 1:16 pm

Thanks guys! Tell me if there is something to add/edit/delete ;)

VRUMM - May 22, 2014, 3:38 pm

It is ironic you advised advast when Omni said they are giving the wallet false negatives.:p

SIM-888979 - May 22, 2014, 7:04 pm

Please be careful when encrypting your wallet. Losing your pass phrase will result in you losing your wallet.

VirusTotal - May 22, 2014, 8:23 pm

(May 22, 2014 03:38 PM)Sh1eld Wrote: [\[CITE\]](#) It is ironic you advised advast when Omni said they are giving the wallet false negatives.:p

A lot of AVs reported Bitcoin-qt as false positive. This doesn't mean that Avast isn't good ?

Paradoxal™ - May 22, 2014, 8:24 pm

wow thanks op, very useful information :D

Gatot Kaca - May 22, 2014, 11:11 pm

thanks for sharing this i will move this windows file like you say.
thanks op.

VirusTotal - May 23, 2014, 1:12 pm

Going to add a new step tomorrow. Btw thanks guys :)

??ph??! - May 23, 2014, 5:06 pm

Nice tutorial. This will definitely help people keep their wallet secure.

Pillows - May 28, 2014, 3:41 pm

Thanks for this tutorial I currently have my OMC + BTC paper wallets somewhere safe.

Syperus - May 29, 2014, 4:51 am

Good tutorial. I would advise against encrypting with Truecrypt since there's something shady going on with it. But definitely a good tut. Thanks!

ForumBeast7845 - May 29, 2014, 5:18 am

Great Tutorial !

Very good member :)

VirusTotal - May 30, 2014, 9:06 am

Updated the thread. Thanks for all the comments guys ^^

Ombra - May 30, 2014, 9:17 am

Nice tutorial mate :)

Off topic - what about our little challenge? :P

VirusTotal - May 31, 2014, 1:37 am

(May 30, 2014 09:17 AM)Ombra Wrote: [\[CITE\]](#) Nice tutorial mate :)

Off topic - what about our little challenge? :P

Thanks Ombra ;)

Atm I don't have a lot of time for the challenge :D... as you can see i'm less active than in the past

VirusTotal - June 3, 2014, 11:06 am

Added some screenshots to the tutorial :)

PS: tell me if there's something to add/edit

Pessotto - June 4, 2014, 12:12 pm

Thanks for your tutorial VirusTotal :)

Encrypted my wallet + moved wallet.dat in usbstick :)

VirusTotal - June 6, 2014, 11:58 pm

(Jun 4, 2014 12:12 PM)Pessotto Wrote: [\[CITE\]](#) Thanks for your tutorial VirusTotal :)

Encrypted my wallet + moved wallet.dat in usbstick :)

Thanks dude. BTW if you can encrypt Omnicoin folder ;) ?