

Forum: [Hack Forums](#)

Thread: [How To Generate Your Own Custom OMC Addresses](#)

Mohatu - April 10, 2014, 11:37 am

VanityGen

Hi. There has been interest in wanting custom OMC addresses in this section, so here is a simple guide on how to make them yourself, safely. If you let someone else do it for you, they will ALWAYS have the ability to take funds from that address without your consent, forever. The person may be trusted, but you never know if he has a RAT installed with a malicious user seeing everything he does.

If you want something done right, do it yourself.

To start off, most of you are no doubt on the Windows operating system and have a graphics card that supports OpenCL. If not, that's fine, we will cover CPU generating as well.

Windows Users

Download: <https://github.com/downloads/samr7/vanitygen/vanitygen-0.22-win.zip>

Linux/OSX Users

Compile from source:

<https://github.com/samr7/vanitygen>

The VanityGen information page is still linked to version 0.20, which doesn't support some of the newer additions of 0.22, so make sure to get the right version.

Upon having downloaded the binaries/compiled depending on your OS, you will now see various files to use.

The file you want to use depends on your system architecture and graphics card. In my case, my graphics card supports OCL (OpenCL), so I will be using "oclvanitygen". You can ignore the "oclminer"s, since we will not be using those. If you are planning on doing this on a CPU since you either lack a GPU or have one without OpenCL support, use "vanitygen" or "vanitygen64", the latter being for 64 bit systems.

Open a terminal/command prompt and navigate to the folder the binaries are in. On Windows, you can easily do this by holding down "Shift" and right clicking the folder window.

This tool allows you to generate custom addresses for nearly ANY coin, as long as you get the flags right.

For Omnicoin, that flag is "-X 115". (Thanks to [Furry~](#))

Additionally, some characters are not allowed to be part of an address, this is not the fault of VanityGen, but a limitation of the address hash. For example, an "O" (capital o) can not be used, and will produce an error:

To generate a custom OmniCoin address, execute the following command, replacing "oMohatu" with an address of your choice.

You will now see it begin to look for an address that begins with what you want it to begin with. The shorter the prefix, the faster it will be found!

An example of "oMohatu":

This shows that there is about a 50% chance of generating a custom address with that prefix in 20.5 minutes with an expected 100% chance in around 41 minutes, but not guaranteed as one can get unlucky. The higher the difficulty, the longer it will take. Keep in mind that I could theoretically get an address in a few seconds but that would be extremely unlikely.

My nVidia GTX570M can generate about 8.5 million addresses per second. A CPU will produce FAR less.

CPU example, i7-2670QM @ 2.2Ghz

I hope this makes it easier for some of you, let me know if you have any questions.

Useful addition by [ThisIsMyAccount](#):

(Apr 10, 2014 11:49 AM)ThisIsMyAccount Wrote: [\[CITE\]](#) Another useful thing to add to this, use the -o flag to get all the keys you generate in a text file so it's easy to import them to your wallet. Also -i will make it case insensitive, so it'll generate quicker. Nice tut Mohatu.

Adding the Private Key to your wallet

In the OmniCoin wallet, go to Help->Debug Window

Switch to the "Console" tab.

Then execute the command with the hash you received:
"importprivkey <VanityGen hash> <Name>"

For the best possible speed, run all this on a Raspberry Pi.
Sheer raw computing power.

Rets - April 10, 2014, 11:43 am

Looks like a great tutorial, I'll do it right now :D

Spoiler ([Click to View](#))wohoo, 400 posts :D

scammedperson - April 10, 2014, 11:47 am

hey 1 question how would you use this address in action in your wallet ??

Ombra - April 10, 2014, 11:48 am

Thank you for sharing this, but when i indicate Code -X 115 as flag i get Quote:"Hint: valid bitcoin addresses begin with 1
:/

ThisIsMyAccount - April 10, 2014, 11:49 am

Another useful thing to add to this, use the -o flag to get all the keys you generate in a text file so it's easy to import them to your wallet. Also -i will make it case insensitive, so it'll generate quicker. Nice tut Mohatu.

Mohatu - April 10, 2014, 11:51 am

(Apr 10, 2014 11:47 AM)*DarkHacker* Wrote: [\[CITE\]](#) hey 1 question how would you use this address in action in your wallet ??
In the OmniCoin wallet, go to Help->Debug Window

Switch to the "Console" tab.

Then execute the command with the hash you received:
"importprivkey <VanityGen hash> <Name>"

If you've encrypted your wallet, be sure to unlock it first.

(Apr 10, 2014 11:48 AM)Ombra Wrote: [\[CITE\]](#) Thank you for sharing this, but when i indicate Code -X 115 as flag i get
:/

That means that the first letter of your address is invalid. Remember that it MUST be a lower case "o" for Omnicoin addresses.

(Apr 10, 2014 11:49 AM)ThisIsMyAccount Wrote: [\[CITE\]](#) Another useful thing to add to this, use the -o flag to get all the keys you generate in a text file so it's easy to import them to your wallet. Also -i will make it case insensitive, so it'll generate quicker. Nice tut Mohatu.
Perfect, added it to the thread.

Invisible - April 10, 2014, 11:54 am

Thanks for this Mohatu going to check it out later :)

Magicmann - April 10, 2014, 11:59 am

All it does is tell me the difficulty and tell me my available OpenCL platforms.

Ombra - April 10, 2014, 11:59 am

(Apr 10, 2014 11:51 AM)Mohatu Wrote: [\[CITE\]](#) That means that the first letter of your address is invalid. Remember that it MUST be a lower case "o" for Omnicoin addresses.
It's not that :c

Mohatu - April 10, 2014, 12:03 pm

(Apr 10, 2014 11:59 AM)Ombra Wrote: [\[CITE\]](#) It's not that :c

"m" is not a valid character for an Omnicoin wallet address, use "M" instead.

(Apr 10, 2014 11:59 AM)Magicmann Wrote: [\[CITE\]](#) All it does is tell me the difficulty and tell me my available OpenCL platforms.

Could you post a screenshot please?

Ombra - April 10, 2014, 12:05 pm

(Apr 10, 2014 12:03 PM)Mohatu Wrote: [\[CITE\]](#) "m" is not a valid character for an Omnicoin wallet address, use "M" instead.

Could you post a screenshot please?

Solved, thank you very much ?

Magicmann - April 10, 2014, 12:06 pm

(Apr 10, 2014 12:03 PM)Mohatu Wrote: [\[CITE\]](#) Could you post a screenshot please?

[img]http://s23.postimg.org/4yu1r297v/vanitygen.png[/img]

Hire - April 10, 2014, 12:06 pm

Could you please help me? After i name i get this:

I don't know what to do now :s

.Matt - April 10, 2014, 12:06 pm

When i generate my address it gives me a GPU hash... nothing else

Spoiler ([Click to View](#))C:\Users\Matt's\Desktop\vanity>oclvanitygen.exe -X 115 -d 0 oMatt

Difficulty: 4553521

[8.40 Mkey/s][total 7340032][Prob 80.1%][90% in 0.4s]

atch idx: 0

CPU hash: 9ccc3bc5de1b451fdd97acbfa0751b22287ae637

GPU hash: 33bb2445a25380684af6a11224551bdacd094150

Magicmann - April 10, 2014, 12:07 pm

(Apr 10, 2014 12:06 PM)Magicmann Wrote: [\[CITE\]](#)

[img]http://s23.postimg.org/4yu1r297v/vanitygen.png[/img]

Just saw your post about 'm' being invalid.

And yet even after changing the lowercase M to capital, I still don't get a hashrate.

ThisIsMyAccount - April 10, 2014, 12:10 pm

(Apr 10, 2014 12:07 PM)Magicmann Wrote: [\[CITE\]](#) Just saw your post about 'm' being invalid.

And yet even after changing the lowercase M to capital, I still don't get a hashrate.

Try using vanitygen64 (or vanitygen) instead of oclvanitygen.

Mohatu - April 10, 2014, 12:12 pm

For those only seeing their devices instead of a hashrate, it means you have more than one GPU unit that is able to generate for you. You have to select which one to use by using the "-d" flag.

Magicmann, in your example, your GTX 660 is the preferred card, so use "-D 1".

Magicmann - April 10, 2014, 12:13 pm

(Apr 10, 2014 12:10 PM)ThisIsMyAccount Wrote: [\[CITE\]](#) Try using vanitygen64 (or vanitygen) instead of oclvanitygen.

I'm not going to try to find a nine digit key with my CPU. I'm not down to be dead before I find it.

.Matt - April 10, 2014, 12:14 pm

(Apr 10, 2014 12:12 PM)Mohatu Wrote: [\[CITE\]](#) For those only seeing their devices instead of a hashrate, it means you have more than one GPU unit that is able to generate for you. You have to select which one to use by using the "-D" flag. Magicmann, in your example, your GTX 660 is the preferred card, so use "-D 1".

To select a card it's a lowercase "d" not a uppercase one.

Ombra - April 10, 2014, 12:15 pm

Address found.. now i don't really understand what's the hash and the name that i have to use with "importprivkey" command..

Mohatu - April 10, 2014, 12:17 pm

(Apr 10, 2014 12:15 PM)Ombra Wrote: [\[CITE\]](#) Address found.. now i don't really understand what's the hash and the name that i have to use with "importprivkey" command..

Whatever is under that red line is what you want to use.

Invisible - April 10, 2014, 12:19 pm

Is there a list with valid characters we can use?

Magicmann - April 10, 2014, 12:19 pm

(Apr 10, 2014 12:12 PM)Mohatu Wrote: [\[CITE\]](#) For those only seeing their devices instead of a hashrate, it means you have more than one GPU unit that is able to generate for you. You have to select which one to use by using the "-d" flag. Magicmann, in your example, your GTX 660 is the preferred card, so use "-D 1".

Did that, still isn't working. Can someone just tell me what command to input to find "Magicmann" with no caring for capitalization?

P??sonl?af - April 10, 2014, 12:20 pm

Hiya, sorry a bit of a noob here but what does this do?

Does it mean that in theory I can replace my address to Poison so people can just type poison to be able to send OMC to me ?

Ombra - April 10, 2014, 12:20 pm

(Apr 10, 2014 12:17 PM)Mohatu Wrote: [\[CITE\]](#) Whatever is under that red line is what you want to use.

I tried, but OMC debug console report "invalid private key (code -5)"

P.S.

Spoiler [\(Click to View\)](#)

God bless your patience ?

EDIT: solved

Hire - April 10, 2014, 12:21 pm

(Apr 10, 2014 12:19 PM)Magicmann Wrote: [\[CITE\]](#) Did that, still isn't working. Can someone just tell

me what command to input to find "Magicmann" with no caring for capitalization?
Same here, isn't working ?

Invisible - April 10, 2014, 12:25 pm

Didn't look and it doesn't support Windows 8.1. I guess that's just the downsides to newer versions :/

Hire - April 10, 2014, 12:26 pm

(Apr 10, 2014 12:25 PM)Invisible Wrote: [\[CITE\]](#) Didn't look and it doesn't support Windows 8.1. I guess that's just the downsides to newer versions :/

Does it support windows 8.0? Because i have 8.0 haha

ThisIsMyAccount - April 10, 2014, 12:27 pm

(Apr 10, 2014 12:19 PM)Magicmann Wrote: [\[CITE\]](#) Did that, still isn't working. Can someone just tell me what command to input to find "Magicmann" with no caring for capitalization?

I just tried and this is working for me. 50% in 9 days with a 760.

Code <oclvanitygen.exe location> -X 115 -i oMagicmann

Invisible - April 10, 2014, 12:27 pm

Yes there is compatibility for windows 8, but not 8.1 :(

Hire - April 10, 2014, 12:28 pm

(Apr 10, 2014 12:27 PM)ThisIsMyAccount Wrote: [\[CITE\]](#) I just tried and this is working for me. 50% in 9 days with a 760.

Code <oclvanitygen.exe location> -X 115 -i oMagicmann

Hey man, could you please help me out?

Add me on skype: Thatsmyiq

I got a really short tag, only 1353 difficulty :D

RA4W - April 10, 2014, 12:29 pm

Cheers literally took a second to get something with RA4W in it.

Magicmann - April 10, 2014, 12:34 pm

(Apr 10, 2014 12:27 PM)ThisIsMyAccount Wrote: [\[CITE\]](#) I just tried and this is working for me. 50% in 9 days with a 760.

Code <oclvanitygen.exe location> -X 115 -i oMagicmann

That's exactly what you put in to get it to work? It still isn't working for me.

Ombra - April 10, 2014, 12:48 pm

I have just noticed that after importing private key my old address has been replaced.

What if i want to have additional addresses without replacing my first one? :)

Mohatu - April 10, 2014, 12:51 pm

(Apr 10, 2014 12:48 PM)Ombra Wrote: [\[CITE\]](#) I have just noticed that after importing private key my old address has been replaced.

What if i want to have additional addresses without replacing my first one? :)

Did you give it a label? It shouldn't replace it.

Ombra - April 10, 2014, 12:59 pm

(Apr 10, 2014 12:51 PM)Mohatu Wrote: [\[CITE\]](#) Did you give it a label? It shouldn't replace it.

Solved.

Now i'm able to generate my own addresses
thank you again mohatu! ?

Mohatu - April 10, 2014, 1:06 pm

I honestly don't know how to solve the other issues. Are you sure you're using 0.22?

Edit: About to test the hashrate on a Raspberry Pi, weee.

Doctor Blue - April 10, 2014, 1:08 pm

(Apr 10, 2014 11:37 AM)Mohatu Wrote: [\[CITE\]](#) If you let someone else do it for you, they will ALWAYS have the ability to take funds from that address without your consent, forever. The person may be trusted, but you never know if he has a RAT installed with a malicious user seeing everything he does.

False.

You can use a partial private key :)

EDIT: It would probably be a good idea to provide a source for that claim.

<https://bitcointalk.org/index.php?topic=25804.0>

.Matt - April 10, 2014, 1:14 pm

I can confirm that using the latest version fixes all problems. Don't mind me, i'm just a retard.

Mohatu - April 10, 2014, 1:16 pm

(Apr 10, 2014 01:08 PM)Doctor Blue Wrote: [\[CITE\]](#) False.

You can use a partial private key :)

EDIT: It would probably be a good idea to provide a source for that claim.

<https://bitcointalk.org/index.php?topic=25804.0>

No offense intended to anyone, but I can't imagine HF members taking the time to explain this to one another and execute it correctly. :P

Doctor Blue - April 10, 2014, 1:23 pm

(Apr 10, 2014 01:16 PM)Mohatu Wrote: [\[CITE\]](#) No offense intended to anyone, but I can't imagine HF members taking the time to explain this to one another and execute it correctly. :P

You're probably right, but it is possible anyway.

'Snorlax is a guide whore, he'll probably explain it if you ask nicely :P

Mohatu - April 10, 2014, 1:27 pm

According to this:

<https://bitcoin.stackexchange.com/questions/12275/oclvanitygen-not-showing-private-key>

Something is wrong with your drivers if you are only seeing "GPU Hash"/"CPU Hash". I can't confirm it since I can't replicate the issue.

Ombra - April 10, 2014, 1:28 pm

(Apr 10, 2014 01:16 PM)Mohatu Wrote: [\[CITE\]](#) No offense intended to anyone, but I can't imagine HF members taking the time to explain this to one another and execute it correctly. :P

I read the article and didn't seem so much complex, but of course, you have to understand what you're doing ?

Cakeb\$\$\$ - April 10, 2014, 1:47 pm

(Apr 10, 2014 01:27 PM)Mohatu Wrote: [\[CITE\]](#) According to this:
<https://bitcoin.stackexchange.com/questions/12275/oclvanitygen-not-showing-private-key>

Something is wrong with your drivers if you are only seeing "GPU Hash"/"CPU Hash". I can't confirm it since I can't replicate the issue.

Weird. i'm running latest beta drivers from amd and just getting lots of cpu and gpu hashes.

'Snorlax - April 10, 2014, 2:01 pm

The different flags can be found on the bitcoin Wiki. I generated oSNoRLAXd3xEu7BhQspfDNpXYNhMw4TYXR a few minutes ago.

[55.14 Mkey/s]

Gotta love this.

mvmt - April 10, 2014, 2:11 pm

You might want to also explain how to add these to your wallet using the importprivkey <privkey> command in the Debug window.

Then change the label to "vanity" in your address book, then go to Receiving addresses and click New Address. Type in vanity in the label section and it will move it from your address book to your Receiving addresses window.

Overall, nice thread!

Ombra - April 10, 2014, 2:15 pm

(Apr 10, 2014 02:01 PM)Snorlax Wrote: [\[CITE\]](#) The different flags can be found on the bitcoin Wiki. I generated oSNoRLAXd3xEu7BhQspfDNpXYNhMw4TYXR a few minutes ago.

[55.14 Mkey/s]

Gotta love this.

55.14 Mkey/s ? I definitely need a computer upgrade.. i'm running at 30.2 Kkey/s and 'll need 8 days to get a 6 letters address (case sensitive) ?

Mohatu - April 10, 2014, 2:21 pm

(Apr 10, 2014 02:11 PM)Fade™ Wrote: [\[CITE\]](#) You might want to also explain how to add these to your wallet using the importprivkey <privkey> command in the Debug window.

Then change the label to "vanity" in your address book, then go to Receiving addresses and click New Address. Type in vanity in the label section and it will move it from your address book to your Receiving addresses window.

Overall, nice thread!

I added that in the comments, but I'll copy it to the first post.

Quiver - April 10, 2014, 2:25 pm

Thanks a ton for this! I never knew this was possible ?

Doctor Blue - April 10, 2014, 2:26 pm

(Apr 10, 2014 02:15 PM)Ombra Wrote: [\[CITE\]](#) 55.14 Mkey/s ? I definitely need a computer upgrade.. i'm running at 30.2 Kkey/s and 'll need 8 days to get a 6 letters address (case sensitive) ?

He's cheating because he's using a GTX 780... Cheater...
I told you to share fatlax...

Cardinals - April 10, 2014, 2:28 pm

people who are getting the hash issue its because of your drivers you need to downgrade them
which sucks, i had the same problem

Cakeb\$\$\$ - April 10, 2014, 2:31 pm

(Apr 10, 2014 02:28 PM)Cardinals Wrote: [\[CITE\]](#) people who are getting the hash issue its because
of your drivers you need to downgrade them which sucks, i had the same problem
Do you know which driver works?
Would not be fun to do it twice.

NETExplorer - April 10, 2014, 2:43 pm

Can anyone test my address out?
oPatrCLWFgbQSUw4hp1qikPFcJJ2ohtPyS

Send whatever amount ?

Mohatu - April 10, 2014, 2:48 pm

Finally generated mine as well, completed at ~15% chance.

oMohatuvxHgfAdvq3M6CRJxvEcFqURPuhB

The firstbit oMohatu SHOULD work, but I'm not sure.

(Apr 10, 2014 02:01 PM)Snorlax Wrote: [\[CITE\]](#) The different flags can be found on the bitcoin Wiki. I
generated oSNoRLAXd3xEu7BhQspfdNpXYNhMw4TYXR a few minutes ago.

[55.14 Mkey/s]

Gotta love this.
You've got nothing on my Raspberry Pi, son.

Magicmann - April 10, 2014, 3:06 pm

(Apr 10, 2014 01:06 PM)Mohatu Wrote: [\[CITE\]](#) I honestly don't know how to solve the other issues.
Are you sure you're using 0.22?

Edit: About to test the hashrate on a Raspberry Pi, weee.
I'm using the download you put a link for with much issues. .-.

(Apr 10, 2014 02:43 PM)PatPositron Wrote: [\[CITE\]](#) Can anyone test my address out?
oPatrCLWFgbQSUw4hp1qikPFcJJ2ohtPyS

Send whatever amount ?

Status: 0/unconfirmed, broadcast through 6 nodes

Date: 4/10/2014 17:01

To: PatPositron : <https://hackforums.net/member.php?action=profile&uid=1448959>

oPatrCLWFgbQSUw4hp1qikPFcJJ2ohtPyS

Debit: -5.00 OMC

Transaction fee: -0.05 OMC

Net amount: -5.05 OMC

Transaction ID: 1947b68bdd8c651139e2113910a1633b01a8256b1af3dae997efaf6ef5da1ebb

(Apr 10, 2014 02:48 PM)Mohatu Wrote: [\[CITE\]](#) Finally generated mine as well, completed at ~15% chance.

oMohatuvxHgfAdvq3M6CRJxvEcFqURPuhB

The firstbit oMohatu SHOULD work, but I'm not sure.

Status: 0/unconfirmed, broadcast through 5 nodes

Date: 4/10/2014 17:05

To: Mohatu : <https://hackforums.net/member.php?action=profile&uid=1082656>

oMohatuvxHgfAdvq3M6CRJxvEcFqURPuhB

Debit: -5.00 OMC

Transaction fee: -0.05 OMC

Net amount: -5.05 OMC

Transaction ID: e24a6935526b60a15dc6a8c240d0d3c56e10a2418f4f7bfbae57cbfab0a3bbc5

Just tryna help you guys confirm your addresses are working. ?

NETExplorer - April 10, 2014, 3:08 pm

(Apr 10, 2014 03:06 PM)Magicmann Wrote: [\[CITE\]](#) I'm using the download you put a link for with much issues. .-.

Status: 0/unconfirmed, broadcast through 6 nodes

Date: 4/10/2014 17:01

To: PatPositron : <https://hackforums.net/member.php?action=profile&uid=1448959>

oPatrCLWFgbQSUw4hp1qikPFcJJ2ohtPyS

Debit: -5.00 OMC

Transaction fee: -0.05 OMC

Net amount: -5.05 OMC

Transaction ID: 1947b68bdd8c651139e2113910a1633b01a8256b1af3dae997efaf6ef5da1ebb

Status: 0/unconfirmed, broadcast through 5 nodes

Date: 4/10/2014 17:05

To: Mohatu : <https://hackforums.net/member.php?action=profile&uid=1082656>

oMohatuvxHgfAdvq3M6CRJxvEcFqURPuhB

Debit: -5.00 OMC

Transaction fee: -0.05 OMC

Net amount: -5.05 OMC

Transaction ID: e24a6935526b60a15dc6a8c240d0d3c56e10a2418f4f7bfbae57cbfab0a3bbc5

Just tryna help you guys confirm your addresses are working. ?

Woops, though Mohatu sent me the 5 coins. Guess not

Thank you so much though :P

I've barely mined 5 coins in 2 days

Mohatu - April 10, 2014, 3:08 pm

(Apr 10, 2014 03:06 PM)Magicmann Wrote: [\[CITE\]](#) Just tryna help you guys confirm your addresses are working. ?

Thank you, it works.

If/when you get yours working I'll return the favor.

Happeh - April 10, 2014, 4:36 pm

Thanks for this Mohatu. Genius as always.

Quiver - April 10, 2014, 4:40 pm

All I'm getting is the GPU/CPU hashes as well. :(

scammedperson - April 11, 2014, 12:41 am

plz help me

<http://prntscr.com/38xjo6>

w?rlokt - April 11, 2014, 1:44 am

So I don't really understand, sorry.

I got the Address in my Address Book now but what to do now? I thought I could use it as mine? ?

Reserve - April 11, 2014, 2:30 am

Can someone tell me what the hash for Earthcoin is?

And what stops me from generating a SHITTON of these and simply using someone else's coins when I run across one with money.

Doctor Blue - April 11, 2014, 2:52 am

(Apr 11, 2014 02:30 AM)Reserve Wrote: [\[CITE\]](#) And what stops me from generating a SHITTON of these and simply using someone else's coins when I run across one with money.

The fact that there are

66954101825311919785403157769863617429884159576816925656647308368352325777387173913296896 (This is almost the real number, 37^{58}) possible combinations and statistically the chance of hitting an address in use is insignificant, especially when HF only has 500k members that means if each user had 10 addresses, the risk of someone discovering it would still be 1 to 1046157841020498746646924340154119022341939993387764463385114193255505090271674592395264.

Well if you wanna see for yourself you can get a time estimate by entering any address as a prefix in vanitygen and you'll be told that in something along the lines of 16 million years you will have a 50% chance of discovering a private key for the address.

'Snorlax - April 11, 2014, 2:55 am

(Apr 11, 2014 12:41 AM)*DarkHacker* Wrote: [\[CITE\]](#) plz help me

<http://prntscr.com/38xjo6>

You need to type in -X 115 and not just -X. Then you type in oPREFIX - PREFIX is the key you want. If you want DarkHacker:

-X 115 oDarkHacker

Some characters are banned though, so my example doesn't even work. But you get the point.

Cakeb\$\$\$ - April 11, 2014, 3:03 am

Mohatu why did you remove the tut on how to input keys in your wallet?

'Snorlax - April 11, 2014, 3:10 am

(Apr 11, 2014 03:03 AM)yugurt Wrote: [\[CITE\]](#) Mohatu why did you remove the tut on how to input keys in your wallet?

Hmm. Weird. It's very easy though.

Debug window:

Console:

Your private key is written on your vanitygen window. Enter any name and it will give it the name (a label) like this: <https://puu.sh/84Ide.png> (I entered Import).

scammedperson - April 11, 2014, 3:14 am

(Apr 11, 2014 02:55 AM)Snorlax Wrote: [\[CITE\]](#) You need to type in -X 115 and not just -X. Then you type in oPREFIX - PREFIX is the key you want. If you want DarkHacker:

-X 115 oDarkHacker

Some characters are banned though, so my example doesn't even work. But you get the point.
same error

<http://prntscr.com/38ya59>

'Snorlax - April 11, 2014, 3:21 am

(Apr 11, 2014 03:14 AM)*DarkHacker* Wrote: [\[CITE\]](#) same error

<http://prntscr.com/38ya59>

You are using the wrong file. Select the oclvanitygen.exe instead.

scammedperson - April 11, 2014, 3:21 am

ehh i dont have a GPU with openCL support only my cpu has that support

Cakeb\$\$\$ - April 11, 2014, 3:23 am

(Apr 11, 2014 03:10 AM)Snorlax Wrote: [\[CITE\]](#) Hmm. Weird. It's very easy though.

Debug window:

Console:

Your private key is written on your vanitygen window. Enter any name and it will give it the name (a label) like this: <https://puu.sh/84Ide.png> (I entered Import).

Yeah i didn't need it just confused why he didn't add it to the op.

He must have forgot after he said he would.

9ine - April 11, 2014, 3:24 am

Awesome tutorial you've made here buddy, thanks.

'Snorlax - April 11, 2014, 3:24 am

(Apr 11, 2014 03:21 AM)*DarkHacker* Wrote: [\[CITE\]](#) ehh i dont have a GPU with openCL support only my cpu has that support

Try something like oWo instead of the oDarkHacker.

That worked for me (just a test).

As I said.. DarkHacker does not work, so find something else.

Mohatu - April 11, 2014, 4:41 am

(Apr 11, 2014 03:23 AM)yugurt Wrote: [\[CITE\]](#) Yeah i didn't need it just confused why he didn't add it to the op.

He must have forgot after he said he would.

I fell asleep, I'll do that after coffee.

Reserve - April 11, 2014, 5:18 am

Check my sig for what I managed to generate for Earthcoin.

(Apr 11, 2014 03:10 AM)Snorlax Wrote: [\[CITE\]](#) Hmm. Weird. It's very easy though.

Debug window:

Console:

Your private key is written on your vanitygen window. Enter any name and it will give it the name (a label) like this: <https://puu.sh/84Ide.png> (I entered Import).

Why doesn't my wallet look orange? It's just plain.

Mohatu - April 11, 2014, 5:25 am

(Apr 11, 2014 05:18 AM)Reserve Wrote: [\[CITE\]](#) Check my sig for what I managed to generate for Earthcoin.

Why doesn't my wallet look orange? It's just plain.

Windows 8 changes things, what version of Windows are you on?

Doctor Blue - April 11, 2014, 6:09 am

(Apr 11, 2014 05:18 AM)Reserve Wrote: [\[CITE\]](#) Check my sig for what I managed to generate for Earthcoin.

Why doesn't my wallet look orange? It's just plain.

Because the window border color is a personalization setting in Windows. Mine are yellow.

Windows 7 can do it as well.

Reserve - April 11, 2014, 7:02 am

(Apr 11, 2014 05:25 AM)Mohatu Wrote: [\[CITE\]](#) Windows 8 changes things, what version of Windows are you on?

7. I guess the blockiness is windows 8.

I wish I could generate the word anarchy or capitalist but it would take days on my cpu and my mobile gpu isn't working for some reason.

Mohatu - April 11, 2014, 7:04 am

(Apr 11, 2014 07:02 AM)Reserve Wrote: [\[CITE\]](#) 7. I guess the blockiness is windows 8.

I wish I could generate the word anarchy or capitalist but it would take days on my cpu and my mobile gpu isn't working for some reason.

<https://bitcointalk.org/index.php?topic=25804.0>:

I could help you in a safe manner.

hihihih565 - April 11, 2014, 7:21 am

What's the invalid letter within hihihih565? Keeps saying bitcoin addresses begin with "1".

Mohatu - April 11, 2014, 7:24 am

(Apr 11, 2014 07:21 AM)hihihih565 Wrote: [\[CITE\]](#) What's the invalid letter within hihihih565? Keeps saying bitcoin addresses begin with "1".

Did you start it with an "o"? I tried "oHihihihi" and it worked.

hihihih565 - April 11, 2014, 7:25 am

Yes, and I tried it without, still didn't work :/

<https://gyazo.com/d49d064c6d87d7d0df3b718d8e50d95c>

Edit* Had to have a cap H. 98 Years XD

Mohatu - April 11, 2014, 7:29 am

(Apr 11, 2014 07:25 AM)hihihih565 Wrote: [\[CITE\]](#) Yes, and I tried it without, still didn't work :/

<https://gyazo.com/d49d064c6d87d7d0df3b718d8e50d95c>

Edit* Had to have a cap H. 98 Years XD

Yeah, I'd go with something a tad bit shorter. Each additional character adds ~60x length to the average generation time.

Although your example is an EXCELLENT representation of why hashing out a public wallet address to find the private key is not a worthwhile possibility.

Magicmann - April 11, 2014, 8:54 am

(Apr 11, 2014 07:29 AM)Mohatu Wrote: [\[CITE\]](#) Yeah, I'd go with something a tad bit shorter. Each additional character adds ~60x length to the average generation time.

Although your example is an EXCELLENT representation of why hashing out a public wallet address to find the private key is not a worthwhile possibility.

I wonder how fast it would be able to be hashed with a quantum computer. It's public knowledge that the US government doesn't support cryptocurrencies, and it's also public knowledge that the NSA has a quantum computer. I wonder if it would be possible to use that to damage the bitcoin network, or other cryptocurrency networks.

BLURRYF?CE - April 11, 2014, 2:08 pm

You probably should have told that people who has the newest catalyst drivers have to download those old SDK drivers or whatever it was...

Or else instead of the address and passkey they only get CPU hash and GPU hash.

Doctor Blue - April 11, 2014, 2:11 pm

(Apr 11, 2014 02:08 PM)vurezo Wrote: [\[CITE\]](#) You probably should have told that people who has the newest catalyst drivers have to download those old SDK drivers or whatever it was...

Or else instead of the address and passkey they only get CPU hash and GPU hash.
Yes, AMD users will need to install AMD APP SDK first.

<http://developer.amd.com/tools-and-sdks/heterogeneous-computing/amd-accelerated-parallel-processing-app-sdk/downloads/>

BLURRYF?CE - April 11, 2014, 2:54 pm

(Apr 11, 2014 02:11 PM)Doctor Blue Wrote: [\[CITE\]](#) Yes, AMD users will need to install AMD APP SDK first.

<http://developer.amd.com/tools-and-sdks/heterogeneous-computing/amd-accelerated-parallel-processing-app-sdk/downloads/>Actually, the oldest version available on that website, or else it will not work.

Edit: Correction, you need AMD APP SDK v2.8.

Radeon HD 7XXX needs a special version of Vanitygen: <https://lifeboat.com/oclvanitygen>

Magicmann - April 11, 2014, 3:01 pm

With these driver issues, and the security risk associated with genersting on a regular use computer, people are better off doing it from a clean Linux boot-disk.

Callam - April 11, 2014, 8:42 pm

I can't open the program. It just flashes and closes.

Reserve - April 11, 2014, 9:49 pm

(Apr 11, 2014 08:42 PM)?omer Wrote: [\[CITE\]](#) I can't open the program. It just flashes and closes.
How about you try reading the thread mate.

w?rloct - April 12, 2014, 4:59 am

Hey guys, I have a little problem. I imported the private key but now the address is in the address book but not on the Recieve page.

Mohatu - April 12, 2014, 5:06 am

(Apr 12, 2014 04:59 AM).Neon Wrote: [\[CITE\]](#) Hey guys, I have a little problem. I imported the private key but now the address is in the address book but not on the Receive page.

It's in the Address Book. Simple right click -> Edit -> Rename to whatever you want. It'll then move to Receiving Addresses.

w?rloct - April 12, 2014, 5:13 am

(Apr 12, 2014 05:06 AM)Mohatu Wrote: [\[CITE\]](#) It's in the Address Book. Simple right click -> Edit -> Rename to whatever you want. It'll then move to Receiving Addresses.

When I restarted the client it moved into Recieving Addresses. Thank you anyways ?

Coffee™ - April 12, 2014, 5:19 am

I can't get it to works :

? Can anybody help me

Mohatu - April 12, 2014, 5:22 am

(Apr 12, 2014 05:19 AM)AnonCat Wrote: [\[CITE\]](#) I can't get it to works :

? Can anybody help me

Some letters are incompatible, pay attention to the error messages. ?

Edit: Apparently oSEXY is fine. Can you show what command arguments you used?

Coffee™ - April 12, 2014, 5:23 am

(Apr 12, 2014 05:22 AM)Mohatu Wrote: [\[CITE\]](#) Some letters are incompatible, pay attention to the error messages. ?

i tried many compination but no ones works?

Mohatu - April 12, 2014, 5:24 am

(Apr 12, 2014 05:23 AM)AnonCat Wrote: [\[CITE\]](#) i tried many compination but no ones works?

Can you tell me exactly what you typed into the command prompt?

Coffee™ - April 12, 2014, 5:27 am

(Apr 12, 2014 05:24 AM)Mohatu Wrote: [\[CITE\]](#) Can you tell me exactly what you typed into the command prompt?

vanitygen.exe -X -O 115

That it's the command i used.

Edit : Though you ment what wallet name :)

some more i can't remember

Mohatu - April 12, 2014, 5:30 am

(Apr 12, 2014 05:27 AM)AnonCat Wrote: [\[CITE\]](#) vanitygen.exe -X -O 115

That it's the command i used.

Edit : Though you ment what wallet name :)

some more i can't remember

Use:

Code vanitygen.exe -X 115 -o sexy.txt oSEXY

Coffee™ - April 12, 2014, 5:35 am

(Apr 12, 2014 05:30 AM)Mohatu Wrote: [\[CITE\]](#) Use:

Code vanitygen.exe -X 115 -o sexy.txt oSEXY

Thanks you very very man. thanks for help :)

Quiver - April 12, 2014, 7:13 am

(Apr 11, 2014 02:11 PM)Doctor Blue Wrote: [\[CITE\]](#) Yes, AMD users will need to install AMD APP SDK first.

<http://developer.amd.com/tools-and-sdks/heterogeneous-computing/amd-accelerated-parallel-processing-app-sdk/downloads/>

Thank you for providing a link! I didn't know what I was looking for haha

XOwnage - April 14, 2014, 6:19 am

What happens if I try to generate your example and then try to add it? Can't just everyone generate the address and then just add and have access ? o.O

Mohatu - April 14, 2014, 6:27 am

(Apr 14, 2014 06:19 AM)XOwnage Wrote: [\[CITE\]](#) What happens if I try to generate your example and then try to add it? Can't just everyone generate the address and then just add and have access ? o.O
You're free to try, but I feel completely safe. :)

XOwnage - April 14, 2014, 7:18 am

(Apr 14, 2014 06:27 AM)Mohatu Wrote: [\[CITE\]](#) You're free to try, but I feel completely safe. :)It's more about the principle. So it's possible to compromise any wallet if I generate their address and get therefore the hash?

Mohatu - April 14, 2014, 7:25 am

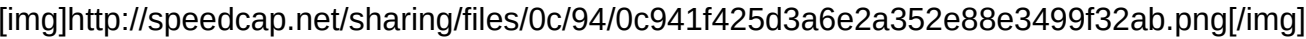
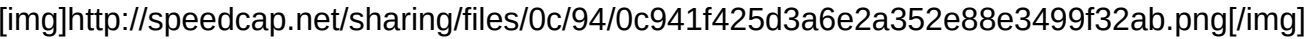
(Apr 14, 2014 07:18 AM)XOwnage Wrote: [\[CITE\]](#) It's more about the principle. So it's possible to compromise any wallet if I generate their address and get therefore the hash?

Yes, but it will take you more time than you have left to live. Actually, thousands of lifetimes.

My address: oMohatuvxHgfAdvq3M6CRJxvEcFqURPuhB

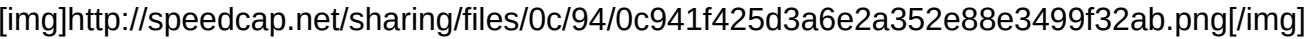
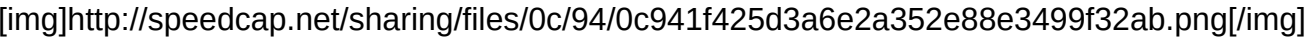
Go wild.

XOwnage - April 14, 2014, 7:58 am

http://speedcap.net/sharing/files/0c/94/0c941f425d3a6e2a352e88e3499f32ab.png
I think I'll let it generate this night ;)

Yours is next haha

Mohatu - April 14, 2014, 8:15 am

(Apr 14, 2014 07:58 AM)XOwnage Wrote: [\[CITE\]](#)
http://speedcap.net/sharing/files/0c/94/0c941f425d3a6e2a352e88e3499f32ab.png
I think I'll let it generate this night ;)

Yours is next haha

Realize that there can be several billion addresses that begin with "oXownage".

XOwnage - April 14, 2014, 10:24 am

(Apr 14, 2014 08:15 AM)Mohatu Wrote: [\[CITE\]](#) Realize that there can be several billion addresses that begin with "oXownage".

I know, I know, but it keeps predicting 12h with a 50% chance

Doctor Blue - April 14, 2014, 12:30 pm

(Apr 14, 2014 10:24 AM)XOwnage Wrote: [\[CITE\]](#) I know, I know, but it keeps predicting 12h with a 50% chance

Yes for addresses beginning with that.

If you wanted to find one specific address it'd take thousands of lifetimes with current technology, so it's statistically safe. Either way generating your own address is in no way less safe than using a random one (Unless you leak the private key of course).

Quiver - April 14, 2014, 1:08 pm

I wish my damn GPU would give me something besides hashes! I've tried downgrading but nothing seems to work :/

VIPR? - April 15, 2014, 4:09 am

Great tutorial Mohatu.

I'm making my custom OMC address now ?

King Cobra - April 15, 2014, 12:05 pm

Fuck this. My shit laptop doesn't even have a graphics card, and using my CPU it said it would take 232 Years to find a OMC Address for me.....

Mohatu - April 15, 2014, 12:20 pm

(Apr 15, 2014 12:05 PM)King Cobra Wrote: [\[CITE\]](#) Fuck this. My shit laptop doesn't even have a graphics card, and using my CPU it said it would take 232 Years to find a OMC Address for me..... How long is the name you were trying? Each extra letter makes it take ~60-70x longer.

Doctor Blue - April 15, 2014, 1:36 pm

(Apr 15, 2014 12:20 PM)Mohatu Wrote: [\[CITE\]](#) How long is the name you were trying? Each extra letter makes it take ~60-70x longer.

Since addresses are binary values encoded in base58 I'd take an educated guess and say it multiplies by 58 everytime you add a character to the prefix.

Mild fluctuations because the addresses don't have a fixed length, but it's still accurate enough to understand that it'll take forever.

Mohatu - April 15, 2014, 1:48 pm

(Apr 15, 2014 01:36 PM)Doctor Blue Wrote: [\[CITE\]](#) Since addresses are binary values encoded in base58 I'd take an educated guess and say it multiplies by 58 everytime you add a character to the prefix.

Mild fluctuations because the addresses don't have a fixed length, but it's still accurate enough to understand that it'll take forever.

You're right about that, thanks. ?

Quiver - April 16, 2014, 10:09 am

I finally generated mine!

My GPU just kept giving me hashes so I tried my shitty pc's CPU and it generated in about 20 seconds lol.

0x03a8 - April 20, 2014, 12:17 pm

Running at 1.16 Mkey/s per second with 50% chance in 11 days.

AMD Sapphire HD 7850..

Good or bad, I got no clue. In my eyes it's taking a bit too long.

Hint, just found out you can quadriple the speed by putting threads.

I added -t 256 and my thing increased from

1.16 Mkey/s to 15Mkey/s

no -t = 1.16 Mkeys/s

-t 256 = 15Mkey/s

-t 512 = 31Mkey/s

-t 1024 = 118Mkey/s

-t 2048 = 300Mkey/s

NOTE: this makes your PC almost unusable XD
Just put a pretty high number and you should be fine :P

Mohatu - April 28, 2014, 6:44 pm

You don't even understand the raw power that is the Raspberry Pi.

Cyber Saint - April 28, 2014, 8:24 pm

Extremely well written tutorial, good work writing the tutorial, it is very clean and easy to understand. I will be sure to try this out later as I am very interested in this.

m4dh4ck3r - April 29, 2014, 11:06 am

Yay,I just ran it on my Raspberry Pi ! :)

It took like 5 seconds.

Infobesity - May 6, 2014, 10:00 pm

Hmmm, generated a private key but debug window says it is invalid. Used -X 115 and double checked by using find to type out entire key with case matching. After verifying with find I copied the text over so I'm sure its correct.

FnJ

Mohatu - May 7, 2014, 2:13 am

(May 6, 2014 10:00 PM)Finn and Jake Wrote: [\[CITE\]](#) Anyone have guidelines on which patterns are valid? I'm getting Prefix"xxx" is not possible, hint....; I've replaced the first character with 1 and o and neither seemed to help.

FnJ

The creator of Vanitygen was too lazy to implement proper error handling/checking. The "hint" just assumes you're trying to make a BTC address. You MUST start OMC addresses with an "o", and if you're getting that error it means you're using an invalid character somewhere else in the name you're using.

hihihih565 - May 7, 2014, 3:18 am

Thought I would generate some address for my new project, and I was using vanitygen and getting 350 kKey/s but i switched to oclvanitygen and I'm getting 40 Mkey/s XD

incc - May 26, 2014, 9:51 am

Only 100 years to calculate one with oHackForums start.

Josh? - May 26, 2014, 11:00 am

(May 26, 2014 09:51 AM)Incc Wrote: [\[CITE\]](#) Only 100 years to calculate one with oHackForums start. Only 2 years for me, what are you trying to create it with?

Bigandrewgold - May 28, 2014, 11:20 am

Hmmm, i cant seem to get this to compile in mac osx. Anyone have any success doing this, and if so, how?

incc - May 28, 2014, 11:42 am

(May 26, 2014 11:00 AM)?Proddy³ Wrote: [\[CITE\]](#) Only 2 years for me, what are you trying to create it with?

Was using my cpu. When I use OCL on my GPU it's much faster.

Fatboy Slim - May 28, 2014, 12:59 pm

Is this dependent on your GPU or CPU? Not too sure myself.

Doctor Blue - May 28, 2014, 4:05 pm

(May 28, 2014 12:59 PM)Fatboy Slim Wrote: [\[CITE\]](#) Is this dependent on your GPU or CPU? Not too sure myself.

Yes it is. It's still just a matter of hashing different values until you get the hash (address) you want and then you save the original number, which is essentially your private key.

So it's still repetitive hashing, exactly like mining, but using a different algorithm.

?Dødgygeez - May 31, 2014, 4:18 pm

After taking a long time to figure out how to select which GPU I wanted to hash with, I finally managed to get it done!

(FYI, I had to use the node "-D 1:" with the colon, I was never aware a colon was needed ^^)

It took about 3 seconds with the prefix oDodgy but it came out a bit weird. I got a little error when importing the private key so I am unsure whether it is a fully functioning address or not. I believe the error was from having two addresses with the same label or something.

Anyway, here is my address:

odoDgyP2WPZg9VAGL1bDcmDp37Y7naMUL3

It looks pretty ugly :(But I'm impressed!

Thanks for the tutorial! Very helpful, indeed <3

Kind Regards,

~ dodgygeez

Doctah - June 1, 2014, 3:37 pm

Gettin' a whole 5 MKey/s. Not bad I guess :P.

Doctor Blue - June 1, 2014, 4:23 pm

(May 31, 2014 04:18 PM)Dodgygeez123 Wrote: [\[CITE\]](#) After taking a long time to figure out how to select which GPU I wanted to hash with, I finally managed to get it done!

(FYI, I had to use the node "-D 1:" with the colon, I was never aware a colon was needed ^^)

It took about 3 seconds with the prefix oDodgy but it came out a bit weird. I got a little error when importing the private key so I am unsure whether it is a fully functioning address or not. I believe the error was from having two addresses with the same label or something.

Anyway, here is my address:

odoDgyP2WPZg9VAGL1bDcmDp37Y7naMUL3

It looks pretty ugly :(But I'm impressed!

Thanks for the tutorial! Very helpful, indeed <3

Kind Regards,

~ dodgygeez

If you keep generating addresses you might eventually hit one that doesn't look... dodgy ;)

Doctah - June 1, 2014, 7:13 pm

How long does this take, exactly? I've ran it for about 6 hours, and it's still just doing shit like this:

CPU hash: c11cd77cff4aabe0cfdaaa863b914e0587544037

GPU hash: e5a5366518bc6644e972b287b6d4c377ae268419

Found delta: 796566 Start delta: 37748737
[7.64 Mkey/s][total 46487568384]

Bigandrewgold - June 1, 2014, 7:16 pm

(Jun 1, 2014 07:13 PM)Doctah Wrote: [\[CITE\]](#) How long does this take, exactly? I've ran it for about 6 hours, and it's still just doing shit like this:

CPU hash: c11cd77cff4aabe0cfdaaa863b914e0587544037
GPU hash: e5a5366518bc6644e972b287b6d4c377ae268419
Found delta: 796566 Start delta: 37748737
[7.64 Mkey/s][total 46487568384]

it should tell you how long until your at 50%, then it you make it to 50% without finding an address it should tell you how long until you hit 100%

The amount of time depends on how long of a custom address you want, I made one that was oandy in about 20 seconds on a very shitty computer

Doctah - June 1, 2014, 7:40 pm

(Jun 1, 2014 07:16 PM)Bigandrewgold Wrote: [\[CITE\]](#) it should tell you how long until your at 50%, then it you make it to 50% without finding an address it should tell you how long until you hit 100%

The amount of time depends on how long of a custom address you want, I made one that was oandy in about 20 seconds on a very shitty computer
It stopped telling me the progress after I hit like 99.2%, 4 or so hours ago.

Bigandrewgold - June 1, 2014, 7:45 pm

(Jun 1, 2014 07:40 PM)Doctah Wrote: [\[CITE\]](#) It stopped telling me the progress after I hit like 99.2%, 4 or so hours ago.

What address are you trying to make?

Doctah - June 1, 2014, 7:52 pm

(Jun 1, 2014 07:45 PM)Bigandrewgold Wrote: [\[CITE\]](#) What address are you trying to make?
Started with oDoctah, now I'm trying oTrae.

Just this

Can't try much atm probably. I'm on TV on my phone lol.

Bigandrewgold - June 1, 2014, 7:53 pm

(Jun 1, 2014 07:52 PM)Doctah Wrote: [\[CITE\]](#) Started with oDoctah, now I'm trying oTrae.
If oTrae isnt done within a minute or 2 then something is messed up

(Jun 1, 2014 07:52 PM)Doctah Wrote: [\[CITE\]](#) Started with oDoctah, now I'm trying oTrae.

Just this

Can't try much atm probably. I'm on TV on my phone lol.
what command are you using to run it?

Doctah - June 1, 2014, 8:01 pm

(Jun 1, 2014 07:53 PM)Bigandrewgold Wrote: [\[CITE\]](#) If oTrae isnt done within a minute or 2 then something is messed up

what command are you using to run it?
filenamhere -o vanity.txt -X 115 oDoctah

Estimated about 10 minutes, went on for hours. Trae doesn't work either.

Bigandrewgold - June 1, 2014, 8:35 pm

(Jun 1, 2014 08:01 PM)Doctah Wrote: [\[CITE\]](#) filenamhere -o vanity.txt -X 115 oDoctah

Estimated about 10 minutes, went on for hours. Trae doesn't work either.
have you tried both the ocl and non ocl one?

Doctor Blue - June 2, 2014, 4:32 am

(Jun 1, 2014 07:13 PM)Doctah Wrote: [\[CITE\]](#) How long does this take, exactly? I've ran it for about 6 hours, and it's still just doing shit like this:

CPU hash: c11cd77cff4aabe0cfdaaa863b914e0587544037
GPU hash: e5a5366518bc6644e972b287b6d4c377ae268419
Found delta: 796566 Start delta: 37748737
[7.64 Mkey/s][total 46487568384]

When the CPU and GPU hashes don't match, it means the GPU found a working hash but the CPU failed to verify it.

I'm having this issue as well, but with such a short address I'm sure you could have someone else make you one :)

SIM-1809171 - June 7, 2014, 4:02 pm

17 years. Sweet;D

Looks like I'm not getting a custom;)

On the brightside, Great Tut

Ty;D

Bigandrewgold - June 7, 2014, 6:07 pm

(Jun 7, 2014 04:02 PM)e4stwood Wrote: [\[CITE\]](#) 17 years. Sweet;D

Looks like I'm not getting a custom;)

On the brightside, Great Tut

Ty;Dhow freaking long of an custom address are you trying to make, lol

?Average - August 30, 2015, 2:44 am

Wow it doesn't like average, also it tried killing my PC.