

Forum: [Hack Forums](#)

Thread: [Stop burst mining](#)

Abraham Lincoln - January 22, 2015, 6:28 pm

Burst mining (mining with a large amount of hashrate for a short period of time) is a bad habit as it negatively effects both you (the miner) and the network (all the other miners).

The difficulty is an exponentially increasing number. It isn't linear. This means that the higher it is, the less profitable it is to mine (you probably already know this). But think that through a little bit more. The difficulty ensures that the network solves one block at an average rate of every 3 minutes. If the total hashrate were 1MH/s, the difficulty would be extremely low, yet the same amount of OMC would be mined. Now if the hashrate were 1GH/s, the difficulty would be very high and the same number of coins would be mined. So why would you pay for 1GH/s, when you could mine at 1MH/s and get the same number of coins? It's essentially a waste of money.

Buy bursting, you are just paying more money to get less coins. You will actually make more money from mining by mining at a low, consistent hashrate. By bursting you will just be reducing the amount of money you make and upsetting the network.

If you want a little more technical reasoning, [Doctor Blue](#) summed it up nicely in his post: <https://hackforums.net/showthread.php?tid=4320723&page=2>

(the amount of OMC mined is on the left, and the hashrate is on the bottom).

It should be quite clear that the more hashrate you add, the less efficient it is, thus the less OMC you will earn.

Also, pools have what is called PPLNS shares. Without getting into details, this basically means that steady miners get more OMC, and those bursting get less.

And if you think that by bursting you will bypass the difficulty and get more OMC, you are wrong. The difficulty is calculated every block. You can't bypass it. And with the upcoming switch to DGW, the difficulty will increase much more accurately, making it even less profitable to burst.

And last of all, if you care about the network / coin, these are the bad effects burst mining has on them:

You are increasing the difficulty, making mining less (or un)profitable for the regular miners of the network. This causes them to no longer mine the coin and drives them to other coins.

Since the difficulty and network speed are constantly changing, confirmations either take a few seconds, or they take hours (or longer). This drives users away from the coin.

So please, stop burst mining. It isn't profitable to you or the network. It hurts both of them.

SIM-2015410 - January 22, 2015, 8:22 pm

Thank you for summarizing this and explaining it so well Abe. I totally agree.

Crypto™ - January 25, 2015, 12:21 am

Everyone should read this post. In fact, I'll just might sticky this.

Aceman - February 21, 2015, 8:50 am

Plz turn yours down so I can mine ?

Ishmel - February 21, 2015, 8:51 am

I am currently doing 2,000 omc/day for one day. Is that burst mining?

Abraham Lincoln - February 21, 2015, 9:13 am

(Feb 21, 2015 09:50 AM)Aceman Wrote: [\[CITE\]](#) Plz turn yours down so I can mine ?
My hashrate is set to 500MH/s. If it goes over, it's either NiceHash messing up or the pool inaccurately estimating the hashrate.

I'm not bursting, I'm keeping a steady hashrate (at least trying to. Nicehash isn't always the best)

I've seen nicehash do 2GH/s on my 500mh/s orders before. It usually corrects itself in a few minutes.

Aceman - February 21, 2015, 9:15 am

(Feb 21, 2015 10:13 AM)Abraham Lincoln Wrote: [\[CITE\]](#) My hashrate is set to 500MH/s. If it goes over, it's either NiceHash messing up or the pool inaccurately estimating the hashrate.

I'm not bursting, I'm keeping a steady hashrate (at least trying to. Nicehash isn't always the best)

I've seen nicehash do 2GH/s on my 500mh/s orders before. It usually corrects itself in a few minutes. Hell of a long mess up, it was between 800Mh/s and 1Gh/s for about half an hour. Had it happen to myself before but never for that long. Difficulty rose from 25-47. ?

Obli - February 21, 2015, 9:17 am

Most people don't care about the others and just want the most out of their hashrate, sadly.

Abraham Lincoln - February 21, 2015, 9:20 am

(Feb 21, 2015 10:15 AM)Aceman Wrote: [\[CITE\]](#) Hell of a long mess up, it was between 800Mh/s and 1Gh/s for about half an hour. Had it happen to myself before but never for that long. Difficulty rose from 25-47. ?

That's probably the pool inaccurately estimating the hashrate. Whenever there are large changes it usually doesn't do a great job on the estimate.

On my dashboard it showed 450MH/s (the actual speed), and on the stats page it showed 1GH/s.

Raoul Duke - February 21, 2015, 7:12 pm

I have the same problem when using Nicehash... It's the better place I found for hashing power but their "limit hashrate" feature is not accurate (when I set to 100Mh/s they're is some spike up to 1 Gh/s)

Abraham Lincoln - March 27, 2015, 7:18 pm

Someone is bursting again. The payments are going to [oMoTyLhWLNCDqLRY39DYkZH3vgeyCDX5AT](#) and [oPr128pUUxBa62WqzYNFEMWsDzHBbXyyiS](#)

The OMC is then being sent to their Bittrex account [oJA9UNLxmjGfUDJ22YhhdaJfPoqmKUwMr1](#) and presumably being sold.

I'd guess they are mining at around 1GH/s with a bot that automatically mines when the difficulty is

low.

If you are doing this, please stop. Confirmations are taking two hours. It's just hurting the coin and actually results in less profit for you. Read the OP.

Raoul Duke - March 27, 2015, 7:31 pm

I've seen that since we are on Bittrex... Maybe a trader saw the opportunity to make a quick.

NiktoKan - March 27, 2015, 7:43 pm

Some mining pool is targeting profitable coin. They will switch to different coin as long as they find it more profitable.

MusleHF - March 27, 2015, 8:48 pm

I know it's not profitable but when you trying to mine at 2Mh with low difficulty you always have another person will come with 150-200Mhs and your 2Mh is completly useless, so you need to burst too

Personally i don't like burst

Abraham Lincoln - March 27, 2015, 8:51 pm

(Mar 27, 2015 08:48 PM)MusleHF Wrote: [\[CITE\]](#) I know it's not profitable but when you trying to mine at 2Mh with low difficulty you always have another person will come with 150-200Mhs and your 2Mh is completly useless, so you need to burst too

It's actually more profitable to mine at a constant 2MH/s than to burst at 200MH/s, no matter what others are doing.

Bigandrewgold - March 27, 2015, 8:54 pm

(Mar 27, 2015 08:51 PM)Abraham Lincoln Wrote: [\[CITE\]](#) It's actually more profitable to mine at a constant 2MH/s than to burst at 200MH/s, no matter what others are doing.

if you do it for a short period of time and constantly switch what coin you're doing it on burst mining can be a lot more profitable than constant mining.

It obviously hurts the coins involved, and if you care about the future of omc you shouldn't burst it, but its why auto switching multi pools exist, because it is more profitable.

Abraham Lincoln - March 27, 2015, 9:34 pm

(Mar 27, 2015 07:43 PM)NiktoKan Wrote: [\[CITE\]](#) Some mining pool is targeting profitable coin. They will switch to different coin as long as they find it more profitable.

While that is a possibility, it wouldn't explain why all the funds are being mined on two addresses and sent to 1 Bittrex deposit address.

EDIT: Putting on a lot of hashrate to see if I can keep their bot from triggering :)

DigitalDesire - March 29, 2015, 6:36 am

Difficulty was over 100 a few days ago. Hopefully people will see this, and actually stop burst mining. OMC is incredibly unstable right now. 24 hour low of 910 and high of 2100. This isn't Sparta, this is actually madness.

Legion. - April 9, 2015, 10:12 pm

Doesn't this mean that by renting miners, and stopping them, then starting them. That's really bad?

Abraham Lincoln - April 10, 2015, 10:51 am

(Apr 9, 2015 10:12 PM)Legion. Wrote: [\[CITE\]](#) Doesn't this mean that by renting miners, and stopping them, then starting them. That's really bad?

Not necessarily. If your miners are 1gh/s it will be bad. But if they are 50mh/s it won't really be bad.

Legion. - April 10, 2015, 11:15 am

(Apr 10, 2015 10:51 AM)Abraham Lincoln Wrote: [\[CITE\]](#) Not necessarily. If your miners are 1gh/s it will be bad. But if they are 50mh/s it won't really be bad.

I'm at 0.1 gh/s so it should be fine. Hopefully.

rogelio11 - April 13, 2015, 2:35 pm

yea people need to stop doing bursting. its not going to make things better either.

Abraham Lincoln - April 21, 2015, 1:46 pm

I did a bit of investigation (a google search) and was able to find (the first result) the multipool mining Omnicoin: <http://www.bitcoindark.ca>

They've got around 7 GH/s that hop on when the difficulty is low. I've tagged their address so you can see all the blocks they've mined.

Nothing we can really do. Oh well.

Fudster - April 21, 2015, 1:48 pm

(Apr 13, 2015 02:35 PM)rogelio11 Wrote: [\[CITE\]](#) yea people need to stop doing bursting. its not going to make things better either.

Yeah...sadly its not the community who is burst mining. As Abe sad above. It is a outside force. We can't do much other then get more stable hashpower.