

Forum:[Hack Forums](#)

Thread: [BTC vs ETH PoW vs ETH PoS](#)

shredder - August 22, 2022, 7:40 am

I am gone for a few days and a single bad actor is able to trick the entirety of Hackforums. Not a single user fact-checked its claims that's kind of sad NGL.

1. Bitcoin miner Marathon Digital Holdings being the first to mine OFAC Complaint blocks
SEC Link: <https://www.sec.gov/Archives/edgar/data/1507605/000149315221007192/ex99-1.htm>

The issue is not Ethereum but rather PoW, so far all censorships have occurred on PoW. You can see in later research that PoS increases the complexities of censorship attempts, making it actually ineffective.

2. You can see the distribution of BTC/ETH PoW vs ETH PoS

In the image below you can see BTC only comprises of only a few pools. Over 90% of the Bitcoin network is pools that can and will be OFAC compliant, it is inevitable. Whereas ETH PoS is quite a bit more distributed than both.

Distribution

3. BitMEX - OFAC Sanctions & Ethereum PoS – Some Technical Nuances

I'll save you some reading here but you can read the full article on your own time [here](#)

"No actual effective censorship of targeted users"

4. Decentralized Pool for Ethereum

Unlike PoW which has no decentralized pool options, send your hashrate to the few centralized pools or get nothing. Do not forget about point #2 you remember how the majority of the BTC network is comprised of a few pools.

Ethereum PoS has alternatives, decentralized pools. I'm not going to get into the nitty-gritty. You can do your own research.

<https://rocketpool.net/>

SUI-3183372 - August 22, 2022, 7:49 am

(Aug 22, 2022 07:40 AM)shreder Wrote: [\[CITE\]](#) Not a single user fact-checked its claims that's kind of sad NGL.

I'd rather do anything else than engage with a maxi with blinders on.

Engaging will do nothing but create a larger cesspool environment around them.

shreder - August 22, 2022, 7:59 am

(Aug 22, 2022 07:49 AM)BV1 Wrote: [\[CITE\]](#) I'd rather do anything else than engage with a maxi with blinders on.

Engaging will do nothing but create a larger cesspool environment around them.

These are not maxi's, these are centralized actors. They want everyone to consolidate around Bitcoin a censorable network, it will be easier to control the masses.

PoLoW - August 22, 2022, 8:15 am

Where do you host ethereum PoS nodes? Decentralization is in danger.

Verified Social - August 22, 2022, 8:17 am

BTC is thee beasssst bro

i dont know much about eth but i found btc is beast

shreder - August 22, 2022, 8:26 am

(Aug 22, 2022 08:15 AM)PoLoW Wrote: [\[CITE\]](#) Where do you host ethereum PoS nodes? Decentralization is in danger.

Right on my desk.

PoLoW all these years I've seen you talk about mining on HF, have you ever even mined without a centralized pool? It's a tough pill to swallow, but the fact is you wouldn't have earned a dime worth of ETH if you did not send your hashrate over to a centralized entity.

PoLoW - August 22, 2022, 8:38 am

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I can solo mine if i want to but since my rig is tiny it's not worth it and pool mining is much better imo, besides i don't recall a pool did the %51 attack if i am not mistaken.

that's cool you hosted that node at your own pc but i bet that %70 node owners will use a hosting servers which leads to my previous post.

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Yeah but your mining pool is able to censor tx. Is that not the point of the whole issue? Censorship?

PoW Mining pools currently is censoring tx, yet you are still lending them hashrate. You can solo mine and never get anything. Its not that you wont solo mine, you know you cant.

I can solo stake and I can also stake with a decentralized pool(no need for me). For PoW You cant solo mine and you have no decentralized pools.

Lilith - August 22, 2022, 11:46 am

(Aug 22, 2022 08:26 AM)shreder Wrote: [\[CITE\]](#) Right on my desk.

Is that a Sliger case? ?

shreder - August 22, 2022, 11:55 am

(Aug 22, 2022 11:46 AM)Lilith Wrote: [\[CITE\]](#) Is that a Sliger case? ?

ASRock A300 case, pretty solid imo

Marvelous - August 22, 2022, 12:54 pm

(Aug 22, 2022 12:16 PM)Focus Broken Wrote: [\[CITE\]](#) Not surprising:

Leave it to Focus to dig through 2,000 posts made in the last 8 years to quote. I swear to god bro you are a blockchain. Proof of Focus.

shreder - August 22, 2022, 1:09 pm

(Aug 22, 2022 12:54 PM)Marvelous Wrote: [\[CITE\]](#) Leave it to Focus to dig through 2,000 posts made in the last 8 years to quote. I swear to god bro you are a blockchain. Proof of Focus.

I live in their heads rent-free that's why.

Yin Yang - August 22, 2022, 5:39 pm

I love making passive income by staking

shreder - August 24, 2022, 5:46 pm

[Cameron](#) wanted an answer to this question

Quote:they are going to censor, or if they aren't going to censor and have their 32 ETH deleted by the censors instead.

First, I solo stake at home unlike Bitcoin miners, I am not with any centralized pool OFAC compliant pools. There is nothing that could force me to censor. I don't have a large facility to raid, I don't have an enormous carbon footprint warehouse that cannot hide. So No there will be no censorship from my validators, they couldn't even get me if they tried.

Second, there is no actual effective censorship of any individual possible through proof-of-stake, unlike [Proof-Of-Work which is censoring as we speak](#). Censorship is not even possible in any scenario.

Source: <https://blog.bitmex.com/ofac-sanctions-ethereum-pos-some-technical-nuances/>

I don't even need this third point as it's proven that censorship on Proof-Of-Stake is not possible, but I'll do it anyways.

Thirdly, there is no chance of anyone deleting my ETH. If that is the case delete it now, oh wait you can't.

Anyways I'll continue solo-staking keeping the network censorship-free. ?

sidenote: I'll be launching another new node+validator, and will be building a more efficient machine (passively cooled case) soon at my new place not bad for a middle schooler. Will post about it soon.

SUI-3183372 - August 24, 2022, 6:38 pm

(Aug 24, 2022 05:24 PM)PoLoW Wrote: [\[CITE\]](#) I am no expert when it comes to Blockchain tech but all i can say is, Bitcoin was a big thing and still because of the decentralization and privacy, Looks like Ethereum devs are about to fuck it up with their new fork.

If they can control my crypto and freeze them it's game over for Ethereum.

You are being intentionally mislead by a Bitcoin maxi, he's trying to confuse onlookers into thinking hypothetical scenarios that won't happen are what's on the horizon for Ethereum. They're not.

Unless you're acting maliciously as a validator, your Ethereum is safe. You are being led to believe that normal, benign behavior is going to be viewed as malicious, this will never be the case.

shreder - August 24, 2022, 7:27 pm

(Aug 24, 2022 06:38 PM)BV1 Wrote: [\[CITE\]](#) You are being intentionally mislead by a Bitcoin maxi, he's trying to confuse onlookers into thinking hypothetical scenarios that won't happen are what's on the horizon for Ethereum. They're not.

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He wants to be misled and believe these crazy claims.

PoLoW has been around since I started mining back in the day. He does not even deny that he sends his hash power to centralized mining pools. Because he has no other way of competing with the mining giants that have a direct supply of ASICs, he has no other choice but to trust centralized pools with his hash power. Funny enough the same PoW mining pools are censoring transactions with his own hash rate, how ironic.

shreder - August 25, 2022, 12:39 pm

(Aug 24, 2022 06:38 PM)BV1 Wrote: [\[CITE\]](#) You are being intentionally mislead by a Bitcoin maxi, he's trying to confuse onlookers into thinking hypothetical scenarios that won't happen are what's on the horizon for Ethereum. They're not.

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They want to hide this post at all cost

Wasabi wallet is major a "privacy" wallet blacklisting and censoring transactions to their mixer. Bitcoin maxi's dont want the mass to know that censorship is happening on Bitcoin.

They also dont want you to know that there are Bitcoin blocks being mined as we speak that censor transactions fully compliant with U.S. Regulations

Marathon Digital Holdings to Launch the First North American-Based Bitcoin Mining Pool, Fully Compliant with U.S. Regulations

<https://www.sec.gov/Archives/edgar/data/1507605/000149315221007192/ex99-1.htm>

shreder - August 29, 2022, 9:41 am

??? ? ??? ??? - August 29, 2022, 12:56 pm

(Aug 29, 2022 09:41 AM)shreder Wrote: [\[CITE\]](#)

Yes post a fat retard that basically sounds like Craig wright, supports unlocking the 21 million cap and i increasing the block size. Why isn't bitcoin cash so number 1 then?

How can a "researcher" from 2014 not even understand why they were rejected. He is obviously privileged. Bitcoin is there when you need it most that's the difference, not when your surrounded by food and luxury in a democratic 1st world country.

shreder - August 29, 2022, 2:47 pm

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All Bitcoin forks including Bitcoin are relatively useless beyond P2P transactions. It is also centralized as fuck, 5 centralized entities possess over 75% of the network's hash power. 98% of the entities there are like only 7 anyways are all located within U.S. Jurisdiction.

No one on HF mines Bitcoin at home solo either, you can prove me wrong by providing proof of your hash power.

??? ? ??? ??? - August 30, 2022, 7:14 am

(Aug 29, 2022 02:47 PM)shreder Wrote: [\[CITE\]](#) All Bitcoin forks including Bitcoin are relatively useless beyond P2P transactions. It is also centralized as fuck, 5 centralized entities possess over 75% of the network's hash power. 98% of the entities there are like only 7 anyways are all located within U.S. Jurisdiction.

No one on HF mines Bitcoin at home solo either, you can prove me wrong by providing proof of your hash power.

Are you sure that matters, its been proven with time already. If you think about it, it works because it takes into account human greed. The hash power has an incentive to be honest.

shreder - August 30, 2022, 8:58 am

(Aug 30, 2022 07:14 AM)??? ? ??? ??? Wrote: [\[CITE\]](#) Are you sure that matters, its been proven with time already. If you think about it, it works because it takes into account human greed. The hash power has an incentive to be honest.

In Proof-Of-Work miners can censor you without repercussion, this goes for BTC PoW and ETH PoW. The incentive model does not account for forceable censorship. Hash power has no bind to a certain network, Bitcoin miners can go to BCH to BSV etc... we will come back to this. The incentive model assumes you are the miner making the decision without outside influences.

A. Scenario one: Miner Incentive Decision making (Without outside influence of censorship)

Do good, continue mining, profit (obvious winner choice)

Do bad, continue mining, less profit

B. Scenario two: Miner Incentive Decision making (With outside influence)

Do good, continue mining, shut down by the state, no profit

Do bad, continue mining, not shut down by the state, some profit (obvious winner choice)

Last time I checked all people did was whine about MARA censoring tx, that was the most they could do to cry on Twitter. But when MARA is forced next time by a government agency to censor your whining will fall on deaf ears.

Face it, you contribute 0% hash power. All you can do is beg and pray that it does not happen to you with PoW.

BTC holders when faced with the question of their contribution of hash power
I don't mine at all

I can't mine solo so I give it to a centralized mining pool, and hope the centralized pool operators do not censor.

I pray the miners don't betray me.

You can debunk all my claims right now by showing proof of your hash power, which I know you do not have. You might be able to fake it if you rent some miners from centralized entities that promise to co-locate for you. ? But then again even if you showed me a hash power, you can't hide the fact that you ship it off to a centralized pool as you can't compete with them.

??? ? ??? ??? - August 30, 2022, 11:16 am

(Aug 30, 2022 08:58 AM)shreder Wrote: [\[CITE\]](#) In Proof-Of-Work miners can censor you without repercussion, this goes for BTC PoW and ETH PoW. The incentive model does not account for forceable censorship. Hash power has no bind to a certain network, Bitcoin miners can go to BCH to BSV etc... we will come back to this. The incentive model assumes you are the miner making the decision without outside influences.

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that you ship it off to a centralized pool as you cant compete with them.

Ill be honest, you know more than me and i wont pretend, i operate a bitcoin node and do my part helping the network, thats what makes it magic is we all work together and the incentives keep it in check. In my understanding bitcoin has never been censored, who can stop me sending my bitcoin to another address if the network is working as has done since the inception. I assume the the censorship is a blip, if a transaction was actually changed wouldn't that essentially need a 51% attack

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If you are NOT mining from home-producing blocks, your part in the network is more or less meaningless. Even Satoshi knew this, hence block subsidies were rewarded to miners, not your node.

MARA censored blocks, OFAC-compliant software already developed, & 5 centralized pools control over 75% of the network beyond the 51% threshold. They don't need to 51% attack, they control the network already.

As yourself, this... if you woke up tomorrow and your tx could not go through on Bitcoin because 3 miners said you need to KYC first. What would you do?

Marvelous - August 30, 2022, 12:52 pm

(Aug 29, 2022 02:49 PM)Focus Broken Wrote: [\[CITE\]](#) What can other coins do that Bitcoin can't do? Upgrade.

shreder - August 30, 2022, 12:54 pm

(Aug 30, 2022 12:52 PM)Marvelous Wrote: [\[CITE\]](#) Upgrade.

shreder - September 3, 2022, 8:55 pm

Centralized Colocation PoW Miners having issues with electricity in Georgia. Meanwhile Ethereum validators in Georgia have had no issues.

https://twitter.com/Sac_flys/status/1565135744842305536?t=GyQnvwwlOwaRBuVsbutXqA&s=19

Centralized Colocation PoW Miner also got priced out of British Columbia. Meanwhile no detected PoS validators not attesting in British Columbia, all attesting normally.

This is what happens when you run an inefficient censorship vulnerable protocol like PoW. What worse is you have no choice but to colocate with these centralized entities as you can never mine BTC at home.