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Thread: [The lightning network isn't Bitcoin, it is layer 2 tech for Bitcoin.](#)

GeorgeJetson - November 21, 2022, 8:56 am

Other cryptos have already been doing this. Anyone who tries to tell you lightning network is Bitcoin has a seriously flawed understanding on how block chains work.

You can name countless projects that work "off the main chain" on other chains such as Ethereum which is already much cheaper and faster than Bitcoin.

Ethereum for example processes more transactions per second, or more data per second than Bitcoin does. Lightning networks help reduce the strain on Bitcoin itself and make it appear to be the faster cheaper chain for example when you send basic small data transactions.

If Ethereum didn't have smart contracts, NFTs, "other uses" then the transactions just to send Ether would cost much less.

If people tried to do the same thing on Bitcoin (which actually you can do more than you think) then just sending a Bitcoin would cost more for example.

Also Ethereum works in seconds, Bitcoin takes an average of 10 minutes. Sometimes shorter, sometimes longer.

Ethereum and all the other blockchains have their own versions of "the lightning network" for scaling even further where everything settles on the chain later.

Side chains, layer 2 chains, etc. Call it what you will.

Bitcoin is Bitcoin. (Layer 1)

Lightning network is lightning network. (Layer 2)

Think about the strain and cost of sending Bitcoins would be if we didn't have alt coins like Ethereum processing other types of data.

So that is why you often hear people say, Bitcoin doesn't scale well. Then come the layer 2s etc.

They are right it just doesn't scale well, as soon as everyone would start to use it then the system becomes even more expensive than Ethereum.

So now we're just going to start using layer2 solutions more and more, even on POS chains.

If none of these alt coins and layer2 solutions existed, Bitcoin would still process the same amount of transactions but at a much higher cost.

We need alt coins but also love Bitcoin.

shredder - November 21, 2022, 9:05 am

The most dangerous thing is lightning network is offchain. It does not rely on the L1 and is completely separated unlike Ethereum L2 rollups which rollup tx and broadcast it onto the L1.

BTC Miners do not benefit from lightning as fees are stolen from them.

It's called another network name for a reason. It has no relationship to BTC. Complete vaporware.

GeorgeJetson - November 21, 2022, 9:23 am

(Nov 21, 2022 10:09 AM)Focus Broken Wrote: [\[CITE\]](#) You can't have a layer 2 without a layer 1. BTC miners benefit from the transaction fees paid to open & close a lightning channel. Of course you can't have layer2 without layer1 lmao

No Bitcoin = no lightning network

Omniscient - November 21, 2022, 10:08 am

I see that LN continues being used and adopted and that there has yet to be any major flaws. In other words, it is working as advertised.

It takes pressure off L1 Bitcoin which is my guess for why BTC fees haven't hit \$10+ again.

I'm not yet using LN but I feel the pressure to use it, which is good, because dropping BTC fees to near zero would be a huge win for everyone.

Comparing the flaws of BTC (including LN) against Ethereum is like comparing the flaws of a motorcycle to a truck. They are not the same thing even if they travel the same road. I don't understand the childish need for Maximalist on either side to attack the other. They are going to both exist and each fill a need in the market. And there is more than enough need that both can thrive.