

Hi there

I'm novice in Ethereum, so probably some terminology will be not in the Ethereum gurus' jargon, never the less I'd like to raise the concern about one of the Proof-of-stake risk scenario, I've found no discussion around...

The basic assumption of the PoS claims the validators are interested in the stable currency and the stable blockchain in general, so the conclusion came: "the more stake in the currency account/accounts group has the more loyal it is to the system at whole".

IMHO, this is not always true, for example, group of people are aimed for SOME EXTERNAL REASON to compromise the currency, even with the lost of 51% of the total coins issued which will be totally lost by them, The external reason may be, for example, removing the competitor from the market or playing "short" on either that currency or all cryptocurrencies on some external exchanges. So they may silently increase their stakes in the attacked currency to get the prime validator positions when preparing external compensation mechanism outside the attacked currency and at some point of time to crash the whole network down, being compensated outside of the system.

The scenario of such a "CRASH-DOWN ATTACK" is pretty expensive, I guess, but it's more than real in our not ideal world.

Is there any defence against such a risk in PoS in general, and particularly in Casper?