

A Ten Minute Primer on Transaction Privacy

The Danger and Allure of Grafting Privacy-Enhancing Tech onto Transparent Systems



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Great sentiment! Why is it wrong?



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- ▶ Date... fix: dual key structures (paper in prep).



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- ▶ Blockchain security with POW requires *ongoing burning of resources* (distributed, but still expensive)... fix: none yet. Proof of Stake, Space, Time, or Steak inherits problems.
- ▶ TTP model remains: bank replaced with exchanges, and now mining centralization is also a threat.



TLDR: Beginning with a *transparent system* and then *grafting privacy tech on top* leads to a rabbit hole of more and more complicated problems... *assuming you were even successful in grafting!*

The only way to win is to not play by beginning with a *private system* first!

