

Measurement of Bitcoin in Tor Networks

Abstract

The hidden services based on Tor provide illegal services such as adult pornography, selling illegal goods, Bitcoin mixing, hacking, and weapon, and they use Bitcoin for their anonymity. In this presentation, we will show collecting deep web based on Tor by virtualization and collecting Onion addresses and the result of extracting and analysing Bitcoin addresses from deep web.

For the Bitcoin addresses found from illegal services of deep web, up to 95% of them were used addresses, and large amounts of Bitcoin were transacted for mixing and hacking.