Mixin (XIN)

About :

Mixin is a free and lightning fast peer-to-peer transactional network for digital assets. Mixin Network has supported 13 blockchains and over 50,000 cryptocurrencies. Over 100 million transactions and 50 Million dollars of crypto assets have been completed in Mixin Network so far. In order to build transaction network and technology ecosystem.

Mixin Network - Based on the UTXO structure of Bitcoin, Mixin Network realizes the ultrahigh capacity and confirmation in secure distributed leger network using aBFT, POS and DAG technologies combining with signature mechanism of Intel hardware and high-speed data center.

Advantages :

1) Secure : The Kernel BFT consensus is secured by a strict punitive PoS. If a kernel node is determined to be an attacker, all its collateral will be recycled into the mining pool. TEE enforcement ensures three important security and trust factors for Mixin Kernel. Mixin Light node is a simplified payment verification (SPV) node for Mixin Kernel. It stores all unspent outputs for easy account balance query.

2) Instant : Low latency matters. The Mixin DAG equipped with aBFT gives Mixin Network > 1,000,000,000,000 TPS capacity with a final confirmation time of under 1 second. A loose mesh topology made up of kernel nodes are responsible for transaction validations and persistence. Unlike blockchain, there are no 'blocks' in Mixin Kernel, all transactions will be broadcasted at an exponentially increased speed.

3) Private : Mixin Kernel utilizes the UTXO model of Bitcoin to handle transactions. The CryptoNote one-time derivation

algorithm is also used to improve privacy as there are no address reuse issues that come with it. The three Ghost Output thresholds used will improve privacy while also forcing the outputs random amounts.

4) **Powerful :** Mixin Network has already connected with the top 12 main blockchains, such as BTC, BCH, ETH, EOS, ETC, SC, XRP, XEM, DOGE, DASH, ZEC and LTC, it also supports to deposit and withdrawal more than 49,500 cryptocurrencies. Mixin Network doesn't support smart contract yet, but there will be a similar solution soon.