Manta Network

The first privacy-preserving DeFi stack powered by zkSNARK

The Lack of Privacy on Blockchain Is a Growing Problem

73%
% of blockchain users that have hesitated or altogether **avoided making a transaction due to privacy concerns.***

84%
% of blockchain users that expressed some level of concern about their **wallet address being linked with their real identity.***

90%
% of blockchain users that have **peeked into others' wallet address** to view their holdings and/or transactions.***

*Source: 2021 Manta Network Privacy & Trust on Cryptocurrency Exchanges

Manta Network

We are bringing plug-and-play privacy to the entire DeFi stack, through zkSNARK and Substrate.

Upcoming Products

MantaDAP

Enabling private P2P payments in various cryptocurrencies.
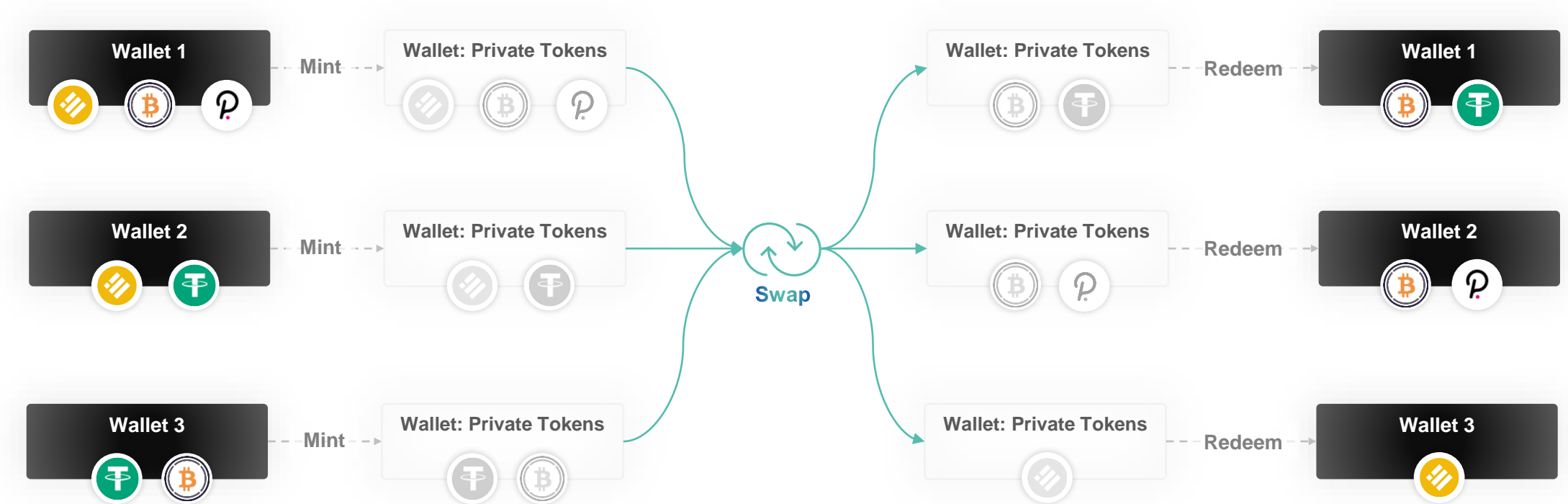
MantaSwap

A private, AMM-powered DEX compatible with parachain assets.

Plug-and-Play

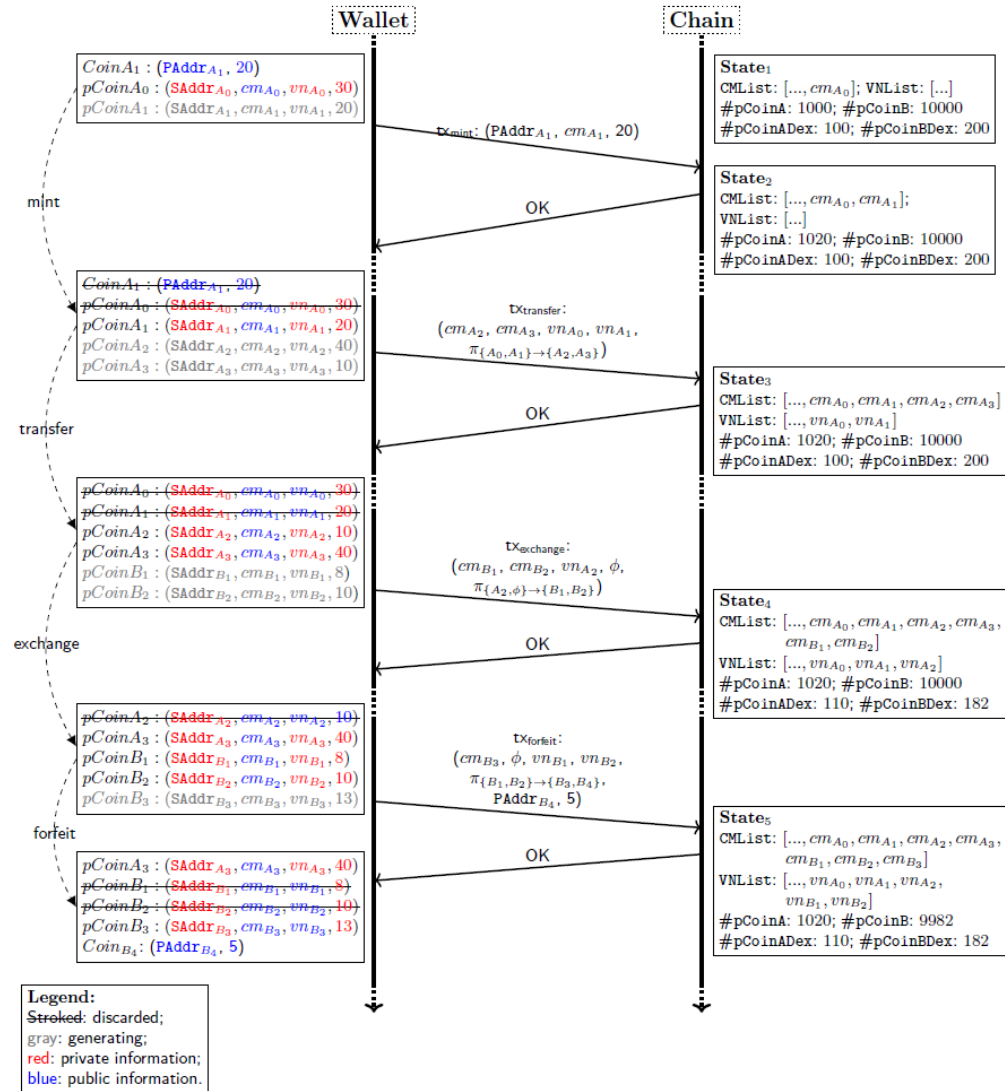Other projects using Manta Network's privacy protocol

Platform Overview

Protecting the privacy of decentralized exchanges using Zero Knowledge Proofs

Manta Workflow Model

Fig. 1: Manta overview

How We're Different

Traditional Layer 1 ZKP Solutions

- Manta users are not subject to the volatility of a single native token

- Manta users can exchange for other tokens because of interoperability

- Manta users can transact faster because Manta is not bottlenecked by PoW

Layer 2 ZKP Solutions

- Manta users can transact faster because Manta is not bottlenecked by PoW

- Manta users can transact faster because zk-proofs do not contend with compute power against EVM

- Manta users are not subject to layer-1 enforced gas fees

Founding Team

Technical Team

Shumo C.

Shumo is an assistant professor at UCSB. He obtained a Ph.D. in Computer Science and Engineering from University of Washington. Before UCSB, he served as a research scientist in Algorand. He published more than 10 peer-reviewed papers in top conferences and won the SIGMOD Best Demo Award.

Business Team

Victor J.

Victor is a Harvard University Economics Master. Binance Evangelist. MiraclePlus (former YC China) Fellow. Advisor to Unifi Protocol. He previously served as the Chair of Harvard Kennedy School Blockchain PIC. He is a columnist of Chainnews, 8Btc, Mars finance etc.. Before Harvard, he was the executive partner of BitBlock Capital and worked at Ontology.

Technical Team

Zhenfei Z.

Zhenfei is the co-author of the BLS signature standard. He received first-place in the 2019 Post-Quantum Cryptography Competition hosted by the CACR. Two of his projects are also among the finalists in NIST's Post-Quantum Cryptography standardization. Zhenfei has published 30 peer-reviewed papers in cryptography in top publications including Crypto and CCS.

Business Team

Kenny L.

Kenny is an entrepreneur that has started, advised, and invested in startups for over a decade. His initial business exposure in the cryptocurrency space was an advisory role for a Bitcoin options trading platform in 2014. He is a frequent writer on blockchain topics. He worked at the DCI and teaching assistant for blockchain courses at MIT, where he received his MBA.

ONTology Algorand™

Roadmap

Current Progress

White Paper Published	Technical Paper Submitted to IACR	W3F Grant Milestone 1 Submitted

Q1 2021
Rococo

MantaDAP Prototype

Test Net Launch

Fulfill W3F Grant Milestones

Q2 2021
Rococo

Test Net
Product 1: MantaDAP
Product 2: MantaSwap

Security Auditing

Economic Auditing

Q3 2021
Rococo

zkSNARK Wallet Development

Additional asset support

Q4 2021
Parachain

Anticipated Main Net Launch

Manta SDK Development

Additional asset support

Media Coverage