About the OpenZK Network

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OpenZK Network is a Layer 2 solution based on Zero-Knowledge Rollup (ZK Rollup) technology, designed to address the scalability, cost, and performance limitations of Ethereum, while maintaining its security guarantees. OpenZK Network provides an efficient, secure, and low-cost transaction processing environment, particularly suited for decentralized finance (DeFi), Real World Assets, NFTs, and trading applications.

Why OpenZK Network

Blockchain technology has rapidly transformed multiple industries by offering decentralized, transparent, and secure environments for digital transactions and applications. However, despite its revolutionary potential, mainstream adoption remains hindered by critical limitations in scalability, transaction costs, and performance, particularly on Layer 1 blockchains like Ethereum. High gas fees, slow transaction speeds, and network congestion have become significant challenges for developers and users alike, limiting the scope and effectiveness of decentralized applications (dApps) across sectors such as finance, gaming, and supply chain management.

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OpenZK Network was created to address these fundamental challenges by leveraging Zero-Knowledge Rollup (ZK Rollup) technology. Our solution provides a highly scalable Layer 2 infrastructure that significantly reduces transaction costs and increases throughput, while also introducing sustainable rewards mechanisms through native ETH and stablecoin staking. By allowing users to stake certain digital assets, OpenZK not only enhances user engagement but also creates a reliable usage incentive model, making it more attractive for users to participate in the ecosystem.

ETH Staking and Rewards

One of the core innovations of OpenZK Network is its native ETH staking mechanism, which allows users to bridge their ETH to the network while earning the ETH staking and restaking rewards present on Ethereum with no further action, contributing to the stability and security of the Ethereum ecosystem.

This native staking mechanism is seamlessly integrated into the architecture of OpenZK with a user's ETH being staked/restaked from the moment it’s bridged to OpenZK, with rewards accruing instantly and the user receiving a liquid token (ozETH) representing that staked/restaked ETH position and associated rewards.

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Stablecoin Rewards

OpenZK Network also includes a native stablecoin reward and incentives feature, allowing users access to additional rewards on their stablecoin holdings. The stablecoin related rewards are designed to be simple and user-friendly. Users can bridge certain stablecoins (such as USDT, USDC, DAI, or other supported assets) to the OpenZK Network, these assets will be automatically engaged in L1 non-custodial savings mechanisms (like that of MakerDAO/sky.money), generating a reference token for the position and relevant rewards (ozUSD) without the need for additional steps or complexity for the user.

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OZK Token

OZK serves as a protocol token for the OpenZK Network, designed to deliver both both utility and governance features. It will play a critical role in powering the network, facilitating transactions, and aligning incentives within the ecosystem. Users can use ozETH and anticipated in the future, OZK, to pay for gas fees on the network, supporting the fundamental utility of OZK.

OpenZK Network will employ a non-inflationary token model. It is anticipated that, when applicable and subject to the community's governance decisions, a portion of the gas fees paid in OZK may be removed from supply and allocated towards a pool for community/ecosystem initiatives.

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Using the OpenZK Network

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