Introduction

Ask

What is zk402

zk402 is a next-generation privacy protocol that merges zero-knowledge cryptography (ZK) with the x402 payment infrastructure.
It enables private, verifiable, and fully on-chain transactions, allowing users to transact freely while maintaining confidentiality and compliance.

Built for both developers and users, zk402 offers a scalable privacy layer across multiple blockchains supporting over 2,800 digital assets that can be transferred and settled privately through the zk402 network.

Why zk402 Matters

In a world where transparency often exposes sensitive transaction data, zk402 bridges the gap between privacy and trust.
It ensures every transaction is cryptographically verified yet mathematically private, combining the assurance of verifiable on-chain settlement with the confidentiality of zero-knowledge proofs.

This fusion of technologies allows zk402 to:

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- Preserve user anonymity without compromising network integrity.
- Enable verifiable proof of payment without revealing sender, receiver, or amount.
- Support compliance through selective disclosure, giving users control over what data they choose to reveal.

The Foundation: ZK + x402

At its core, zk402 combines two powerful technologies:

- Zero-Knowledge Proofs (ZKPs): Allowing validation of transactions without exposing any underlying information.
- x402 Protocol: Providing a fast, reliable, and verifiable infrastructure for on-chain payment settlement.

Together, they form a unified layer for private, trustless, and borderless payments redefining how blockchain transactions can be both transparent and confidential.

Vision

zk402 aims to create the privacy backbone for decentralized finance (DeFi) — empowering anyone to transact, build, and interact in Web3 without compromising security or transparency.

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Next
Key Features

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