



zkDTVM

Hits #1 on EthProofs





Supports 46 Networks



Ethereum



Solana



BSC



Polygon



Optimism



Arbitrum



Ton



Base



zkSync Era



Starknet



Tron



Avalanche



Fantom



Taiko



Mantle



Bitcoin



Sui



Aptos



Core



Pharos



Mint



Gravity Alpha



Jovay



Near



X Layer



Hyperliquid



Monad



More



Ignite Web3 with the Ultra Reliable Infrastructure



Node Service & RPC

The Fastest, Most Stable and Cost-Effective RPC Services

30ms
Response Time

99.9%
Uptime

40%
Cost Savings

APAC Local Expert Support



ZK Acceleration

A Hardware-Accelerated ZKP Solution to Enhance the Performance and Scalability

159X
Faster Than a 32-Core CPU

3X
Faster Than Industry Standards



Contracts Auditing

Enhance and secure your blockchain smart contracts

20+
Patents

50+
Flagship Conference Papers

Ignite Web3 with the Ultra Reliable Infrastructure















































development—all designed to bring institutional trust and operational excellence to decentralized applications.

Redefining Web3 Infrastructure Reliability

The evolution of decentralized protocols demands a shift from raw infrastructure provisioning to establishing global gold-standard Web3 infrastructure providers. While the early stages of Web3 prioritized basic connectivity and rapid deployment, today's enterprise environment demands levels of predictability and security on par with traditional financial systems. Backed by Ant Digital Technologies' deep technical heritage, ZAN infuses Web3 applications with robust high-concurrency processing architectures proven in demanding digital finance environments. By focusing on three critical dimensions—speed, data accessibility, and end-to-end security—the platform establishes a baseline for institutional trust, helping Web3 projects grow faster and more reliably in highly competitive landscapes.

High-Performance Node Service and Blockchain Coverage

Operational continuity for decentralized applications requires a highly stable Remote Procedure Call (RPC) layer. ZAN Node Service meets this demand by providing reliable JSON-RPC connections across more than 28 popular blockchain networks including Ethereum, Solana, and Sui. The service employs multi-region deployment and real-time health monitoring to ensure 99.9% uptime and low-latency global routing (Asia-Pacific average latency under 30ms), reducing the risks of node downtime and localized network congestion.

ZAN Node Service currently supports 28+ popular blockchain RPC services including: Ethereum RPC, Solana RPC, BSC RPC, Polygon RPC, Optimism RPC, Arbitrum RPC, TON RPC, Base RPC, zkSync Era RPC, Starknet RPC, Tron RPC, Avalanche RPC, Fantom RPC, Taiko RPC, Mantle RPC, Bitcoin RPC, Sui RPC, Aptos RPC, Core RPC, X Layer RPC, Near RPC, Hyperliquid RPC, Monad RPC, and 47+ mainnet and testnet networks. Developers can access RPC endpoints for all chains through a single API key, managed centrally via the [ZAN console](#). Beyond shared RPC, ZAN also offers a [Dedicated Node Service](#), where enterprise customers enjoy exclusive node resources for more stable performance and higher request quotas.

For high-frequency trading scenarios and applications deployed on high-throughput networks, specialized acceleration is essential. ZAN's Solana Trading Boost is a Solana RPC acceleration solution integrating SWQoS (Stake-Weighted Quality of Service) and Jito Bundles, specifically designed to address network congestion and transaction loss during periods of extreme activity. SWQoS routes transactions through staked SOL validator nodes, ensuring continued priority processing even during network congestion and achieving a 1-second transaction on-chain rate. This capability directly benefits decentralized exchanges, high-frequency market makers, and liquid staking protocols.

Accelerating Zero-Knowledge Infrastructure

As zero-knowledge cryptography expands across public blockchain infrastructure, privacy infrastructure, and verifiable computation, the computational cost of generating zero-knowledge proofs has become a critical bottleneck affecting performance and large-scale adoption. ZAN ZK Acceleration accelerates ZK proof generation through an integrated hardware-software

optimization framework, significantly reducing time and cost overhead in ZK-Rollup, zkEVM, bridge protocols, privacy transaction protocols, and ZK-ML/verifiable computation scenarios. The service has been verified on the EthProofs official leaderboard, with core computation 159x faster than a 16-core CPU and 3x faster than industry-standard GPUs; it currently holds the top position with a 3.4s performance record, 23% faster than the second-place entry. ZAN is driving the widespread adoption of high-performance, accessible ZK technology across public blockchain infrastructure, privacy infrastructure, and verifiable computation.

Web3 Security and Compliance Solutions

Smart contract vulnerabilities remain one of the primary avenues for capital loss in the Web3 space. To mitigate these risks throughout the entire development lifecycle, ZAN Expert Audit provides professional security auditing services covering penetration testing, AI auditing, static analysis, and formal verification, helping projects reduce security risks across all development phases. Backed by 20 security patents and 50 top-tier security conference papers, ZAN Expert Audit delivers high-standard security assurance for Web3 projects.

Real-Time Data Engine and Streaming Index

Modern decentralized applications require instant access to on-chain data to support responsive interfaces and automated strategies. ZAN provides specialized data indexing services for emerging blockchains like Sui, supporting deep queries and real-time subscriptions on the Sui Move object model through GraphQL query interfaces, delivering an efficient data access layer for DApps within the ecosystem.

Additionally, ZAN offers gRPC-based real-time monitoring infrastructure that upgrades the traditional polling model to an efficient push mechanism, reducing unnecessary query overhead and improving resource utilization. This capability supports real-time scenarios such as DeFi liquidity monitoring, NFT minting dashboards, and risk management visualization.

Building the Trusted Foundation for the Next-Generation Web3 Network

The long-term development of decentralized technology depends on stable, high-performance, and secure infrastructure. Through core capabilities including high-performance node services, ZK Acceleration, and smart contract auditing, ZAN provides reliable foundational support for decentralized applications, helping projects achieve efficient operations and secure scaling. As a global gold-standard Web3 infrastructure provider, ZAN continues to deliver technical reliability and security assurance for decentralized networks, empowering the construction of more resilient and sustainable ecosystems.

For more information on products and enterprise solutions, visit: <https://zan.top/>

ZAN

ZAN

[email us here](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/932728954>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors

try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.