

# TAN Network Whitepaper

Version 1.0 | April 2026

## 1. Introduction

TAN Network is a decentralized cloud mining protocol designed to lower the barrier of entry for cryptocurrency mining. By leveraging mobile processing power and a unique "Proof of Engagement" (PoE) consensus, we enable millions of users to participate in the digital economy without expensive hardware or technical expertise.

## 2. The Problem

Traditional mining has become highly centralized, dominated by massive data centers with access to cheap electricity and specialized ASIC hardware. This creates a high barrier to entry for the average individual, contradicting the original decentralized vision of blockchain technology.

## 3. Technology & Protocol

The TAN Protocol utilizes a hybrid architecture that combines off-chain mining simulation with on-chain settlement. Key technical pillars include:

- **Cloud-Native Mining:** Virtualized mining cycles managed by high-performance clusters.
- **Proof of Engagement (PoE):** A mechanism that rewards users based on their activity, consistency, and network contribution rather than raw hash power.
- **Multi-Chain Settlement:** Automated bridges that allow rewards to be claimed on BSC, Ethereum, and Solana networks.

## 4. Tokenomics

The TAN token is the native utility token of the ecosystem. It is used for reward distribution, premium upgrades, and governance.

Allocation	Percentage	Purpose
Community Mining	60%	Distributed over 10 years to active users.
Ecosystem Growth	20%	Partnerships, exchange listings, and marketing.
Team & Development	10%	Locked for 24 months with linear vesting.
Liquidity Pool	10%	Providing stability on DEXs.

## 5. Security & Anti-Cheat

To ensure fairness, TAN Network implements advanced anti-cheat systems including hardware fingerprinting (Device ID tracking), IP behavior analysis, and automated account flagging for suspicious patterns (e.g., multi-account farming).

## 6. Conclusion

TAN Network is more than just a mining app; it is an entry point for the next billion users into the world of Web3. By simplifying the mining process and making it accessible via mobile devices, we are bringing decentralization back to the community.