INIChain Whitepaper

The Fastest, Safest, and Smartest
Next-Generation Blockchain Network.

INIChain

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1. InitVerse Introduction

- InitVerse is an innovative ecosystem dedicated to advancing Web3 development. It aims to provide comprehensive support for enterprise-grade DApp development through its high-performance infrastructure and cutting-edge technologies, fostering a prosperous decentralized future.

  The core infrastructure of InitVerse, INIChain, is a high-performance, stable, and secure smart chain that pioneers the integration of TFHE (Fully Homomorphic Encryption over the Torus) technology into the EVM. Through its innovative TfhEVM, INIChain enables encrypted data computation, ensuring complete data privacy. Additionally, INIChain invents the efficient, low-Gas VersaHash algorithm, paired with an exclusive dual-layer dynamic DDA mechanism, to enhance network flexibility, ensure scalability, and achieve intelligent resource management, while maintaining decentralization and stability. These technological advancements make INIChain an ideal foundation for enterprise-grade DApp development, laying a solid foundation for the Web3 ecosystem.

  As the core pillar of InitVerse, the InitVerse SaaS platform provides low-code development support to developers, enabling them to seamlessly and rapidly create and deploy DApps on INIChain. This not only significantly reduces development costs for enterprises but also further enriches the InitVerse ecosystem. Through this ecosystem, nodes contribute to network security while earning stable token rewards; project teams drastically lower development costs and accelerate innovation; end-users enjoy a diverse application ecosystem and can actively participate in governance and decision-making. This multi-stakeholder synergy creates a positive flywheel effect, driving continuous growth and innovation in the Web3 space, and ultimately building a vibrant and decentralized future.

2. Problem Statement : The Privacy-Transparency Dilemma

- In the current blockchain development environment, the technical and practical challenges faced by public blockchains significantly impact their widespread adoption in Web3 applications. INIChain aims to address these bottlenecks, enabling Web3 applications to be utilized more broadly and at scale.

  Firstly, the balance between privacy and transparency has long been a major challenge in blockchain technology. As a core characteristic of blockchains, decentralization and transparency are considered key to establishing trust and ensuring data integrity, which is also the design principles of mainstream public blockchains such as Bitcoin and Ethereum. This fully transparent design allows anyone to view transaction histories and fund flows, helping to build an open and trustworthy network. However, this kind of transparency brings privacy issues.

For many application scenarios requiring privacy protection, transparency becomes a risk. In practice, businesses and individual users do not want private data exposed to the public, especially in applications involving industries such as finance, healthcare, and law, where the demand for data privacy is extremely high. At the same time, in the AI era, many applications rely on large amounts of data to achieve more precise model training. However, this reliance on data also brings challenges related to privacy and security. Improper handling of data collection and usage may lead to personal information leakage and trigger trust crises.

Current public blockchains lack effective privacy protection measures. Over 90% of transactions potentially involving data breaches, making it easy to trace users through transaction histories. This prevents blockchains from meeting the needs of certain application scenarios and becomes a barrier to widespread adoption.

Moreover, the difficulty of integrating on-chain and off-chain data is another major challenge for blockchain applications. Many blockchain applications rely on off-chain personal privacy-sensitive data, such as KYC verification, user identity information, and financial data. The integration of these off-chain data involves not only access to cross-chain or third-party services but also handling a significant amount of privacy requirements.

In the Web2 world, the UK's Competition and Markets Authority (CMA) achieved data authorization and exchange in 2016 through standardized APIs, allowing consumers to safely enjoy more personalized and diverse financial services. This wave of Open Banking created more innovative services balancing transparency and privacy in the traditional financial sector, returning data usage rights to consumers. However, the security and authenticity of data exchange still rely on centralized authority, namely government control.

In the decentralized Web3, when on-chain applications need to use user identities or past verification data for transactions or authorizations, how to securely perform on-chain, off-chain, or third-party data interaction while ensuring user privacy, remains a technical challenge.

Although current privacy technologies such as Zero-Knowledge Proofs (ZK Proofs) have achieved breakthroughs in privacy protection, significant limitations remain. The computational cost of this technology is high, and the verification process requires a large amount of resources. Existing privacy protection solutions increase performance overhead by an average of 200-400%, which greatly limits their application in large blockchain networks. Furthermore, ZK Proofs lack scalability, making it difficult to maintain efficiency during extensive on-chain interactions. Therefore, they cannot meet the dual requirements of performance and cost for enterprise-level applications. These limitations highlight the need for more scalable and lower-cost solutions to achieve privacy protection.

Meanwhile, the scalability and performance issues of public blockchains also deserve attention. As transaction volume increases, most public blockchains face network congestion, leading to slower transaction speeds and rising Gas fees. These scalability issues limit the capacity of blockchains in applications, particularly in financial transactions and games that require high transaction frequencies. Although some existing Layer 2 solutions can offload part of the transaction burden, they still face issues of security and resource consumption. Also, improving scalability often requires sacrificing decentralization, making the coordinated development of high performance and decentralization a continuing technical challenge.

To address the above problems and promote the development of the blockchain industry, INIChain perfectly integrates TFHE (Fully Homomorphic Encryption over the Torus) technology with EVM, achieving an effective balance between privacy and transparency in an innovative way.

Firstly, TFHE allows computation on encrypted data, ensuring that sensitive data remains private during processing. This feature of encrypted computation is particularly suitable for application scenarios with high privacy demands, especially in financial and DeFi applications. INIChain's design considers the differing privacy requirements of various applications, recognizing that not all data needs encrypted processing. For instance, in GameFi applications, attributes such as character levels, represented as public NFTs, have lower privacy requirements and do not need TFHE. This allows network resources to be allocated more effectively and significantly improves processing efficiency.

In addition, unlike Bitcoin and Ethereum's PoW mechanisms, which only periodically adjust the overall network's total hash rate and block generation speed, INIChain optimizes the PoW consensus mechanism by adopting a dual-layer dynamic adjustment mechanism to meet diverse demands. Based on the network's total hash rate distribution and block privacy, INIChain dynamically classifies blocks. Data blocks with high privacy demands require higher computational power during mining. ASIC-specific chips can significantly accelerate block generation, improve efficiency, and earn better block rewards.

On the other hand, general blocks are kept at lower difficulty levels, allowing participation using general-purpose devices like CPUs or GPUs. This reduces the participation threshold, curbs hash rate monopolies, and achieves a decentralized mining model similar to Bitcoin.

Furthermore, the VersaHash intelligent algorithm flexibly adjusts encryption complexity and computational thresholds according to the privacy demands of data within the block. INIChain's elastic architectural design strikes a balance between decentralized mining and performance demands, ensuring privacy while encouraging broader node participation, and providing flexible support for various application scenarios. This dual-layer dynamic mechanism complements each other to safeguard the security, efficiency, and fairness of the blockchain network.

Although innovations in public blockchain technology continue to enhance privacy and security, having robust technology alone is not always sufficient. The feasibility of practical applications and their ability to drive ecosystem growth are the keys to success.

To achieve this, project teams can leverage InitVerse’s SaaS platform to flexibly encrypt specific fields using TFHE to protect data privacy while meeting the needs of specific applications. This flexibility not only improves development efficiency but also accelerates ecosystem growth, allowing more projects to quickly and securely join and advance the comprehensive development of Web3.

3. INIChain:A Privacy-Driven and Developer-Friendly Enterprise-Grade Decentralized Network

- INIChain is a decentralized network designed to meet the needs of enterprise-grade applications and developers, providing a low-barrier, high-security, and high-performance infrastructure. By leveraging its core technology, TfhEVM, INIChain integrates TFHE (Fully Homomorphic Encryption over the Torus) with EVM compatibility, enabling direct computation on encrypted data and ensuring robust data privacy. EVM compatibility further allows existing DApps to deploy on INIChain without re-coding, reducing development and migration costs and attracting more developers to the ecosystem.

  Supported by TfhEVM, INIChain invents the VersaHash algorithm and a Dual Dynamic Adjustment (DDA) mechanism, providing dynamic computational adjustments and high-performance design to ensure network stability and fairness. VersaHash delivers multi-stage hashing for enhanced network security and efficiency, while the DDA mechanism dynamically adjusts block complexity based on computational and privacy requirements, preventing computational power centralization and maintaining network decentralization. These innovations make INIChain a privacy-friendly and performance-stable blockchain infrastructure, ideal for enterprise applications requiring high privacy and efficiency.

  INIChain also offers comprehensive support for C and C++, languages known for their performance, flexibility, and cross-platform capabilities, making them particularly suited for TFHE's computation-intensive operations. Additionally, their rich open-source resources enable developers to efficiently use existing components to build applications. Through standardized HTTP APIs, developers can seamlessly integrate backend systems with the blockchain, significantly reducing the development and deployment costs of DApps. Once private encrypted data is processed in C++, smart contracts can be executed in Solidity, leveraging EVM compatibility. Moreover, INIChain's seamless integration with InitVerse's SaaS Builder enables low-code development, accelerating innovative applications and unlocking new possibilities for the Web3 ecosystem.

3.1 TfhEVM: Balancing Decentralization, Privacy, and Security

- The proprietary TfhEVM technology developed by InitVerse combines TFHE (Fully Homomorphic Encryption over the Torus) with EVM, enabling smart contracts that support homomorphic encryption, specifically designed for high-privacy data processing. Through the DDA POW mechanism, which dynamically adjusts block complexity based on computational and privacy demands, TfhEVM provides a stable, efficient, and secure foundation for the blockchain system.

Additionally, parallel block generation and the highly efficient VersaHash module reduce resource consumption during transactions, delivering competitively low gas fees for an economically efficient user experience.

3.2 Flexible Privacy Solutions: Enabling Homomorphic Encryption with TfhEVM

- TFHE provides revolutionary privacy solutions for blockchain by allowing encrypted data to be computed and verified without decryption. This breakthrough ensures end-to-end encryption from data storage to computation, making it ideal for sensitive data scenarios such as patient data sharing in healthcare or credit scoring in financial applications. In these cases, TFHE can perform accurate computations and validations without exposing specific data content, significantly enhancing privacy.

  Traditional smart contracts require plaintext parameters, increasing the risk of data leakage. TfhEVM, as a core module of INIChain, integrates EVM with TFHE technology, enabling encrypted smart contract computation and supporting innovative parameterless smart contracts. With TfhEVM, sensitive data is stored on-chain in encrypted form and remains encrypted throughout computation, eliminating the exposure of plaintext content. This design not only enhances privacy and security but also mitigates risks of data interception or tampering, simplifying user interactions.

Although TFHE presents challenges such as data inflation and high hardware resource demands, INIChain addresses these issues with dynamic PoW protocols and parallel block generation. These technologies optimize resource utilization, reduce hardware strain, and improve the execution efficiency of encrypted smart contracts. The introduction of TfhEVM promotes high-privacy smart contracts while achieving a balance between performance, security, and decentralization, supporting diverse application scenarios and advancing the Web3 ecosystem.

3.3 Dual Dynamic Adjustment (DDA): The Core of Global Block Production Framework

- TFHE enhances data privacy but imposes high computational demands on hardware. Encrypted ciphertext in TFHE is significantly larger than plaintext, with inflation factors depending on parameters, security levels, and data size. After multiple computations and noise processing, ciphertext inflation can reach up to 16,000x or more, significantly increasing storage and transmission costs. TFHE operations rely heavily on Boolean algebra, polynomial computations, and Fast Fourier Transform (FFT), escalating hardware requirements. General hardware struggles to compete with specialized devices like FPGA or ASIC in high-privacy demand blocks, further exacerbating computational inequities.

To address these challenges, InitVerse designed the Dual Dynamic Adjustment (DDA) mechanism as the core framework for block production. This mechanism dynamically adjusts block difficulty and computational resources based on network computational power and privacy demands, balancing privacy, efficiency, and decentralization.

Blocks are categorized into two types: high-privacy blocks and standard blocks. High-privacy blocks handle TFHE-encrypted data with increased computational thresholds to ensure data security during on-chain processing. Standard blocks, with lower computational requirements, allow participation from more general hardware (e.g., CPU and GPU), lowering entry barriers and promoting fairness and decentralization.

To mitigate potential delays caused by high-privacy blocks, INIChain employs parallel block generation to enhance network fluidity. This technology allows multiple blocks to be generated simultaneously; for example, while high-privacy blocks require additional computation time, standard blocks can be processed concurrently, preventing network bottlenecks. Parallel block generation includes a multi-head integration mechanism to ensure consistency during block validation and merging.

Through the DDA mechanism, INIChain resolves conflicts between privacy demands and computational power distribution, maintaining network stability and efficiency while meeting high-privacy data processing needs. This provides a robust foundation for smooth blockchain operation.

3.4 VersaHash: A Multi-Stage Hash Module Enhancing Security and Efficiency

- As a critical module within the DDA PoW framework, VersaHash focuses on enhancing block security and computational efficiency. Its multi-stage hash computation ensures data integrity and immutability, providing robust and efficient technical support for the blockchain system.

  The block production process in VersaHash begins with dual hashing of block data and a nonce to generate unique input data, ensuring the integrity and uniqueness of each block. Subsequent calculations generate core parameters, dynamically adjusting computation conditions based on block type (high-privacy or standard). While the DDA mechanism balances privacy and computational power at the global network level, VersaHash optimizes hash conditions within individual blocks. For high-privacy blocks, more complex computations or additional hash iterations strengthen data confidentiality and security. For standard blocks, redundant steps are minimized to improve efficiency and reduce gas costs.

  Notably, VersaHash's multi-stage hash design enhances data tamper resistance while mitigating risks of global block production failures due to single computation errors. By decomposing the computation process into multiple stages, VersaHash offers higher fault tolerance for the overall system.

  VersaHash integrates seamlessly with other modules in the TfhEVM protocol. For instance, its dynamic internal adjustments support high-privacy data processing within the DDA framework, while its efficient hash structure alleviates the integration pressures of parallel block generation.

In summary, VersaHash combines multi-stage hash structures with dynamic adjustment mechanisms, achieving dual improvements in data security and computational efficiency. This design supports high-privacy data processing, efficient handling of standard data, and the stable development of the blockchain network.

4. Ecosystem Products

- Leveraging INIChain's robust technical architecture and innovative privacy protection mechanisms, the InitVerse ecosystem has developed a range of foundational products that provide efficient development tools for developers and seamless experiences for end users. These products create a comprehensive ecosystem that not only highlights INIChain's technical capabilities but also focuses on practicality, driving blockchain technology adoption and delivering real-world value.

4.1 Core Ecosystem Product: SaaS

- The InitVerse SaaS platform features an intuitive low-code interface, enabling developers to rapidly design and build front-end and back-end smart contracts through simple drag-and-drop operations or template adjustments. It includes built-in asset management functionalities, such as token issuance and liquidity pool configuration, catering to diverse DeFi needs. (For detailed features, refer to Gitbook.)

  By leveraging INIChain's TFHE-based infrastructure, the platform offers flexible deployment options for developers. Specific data fields, such as asset data or transaction records in DeFi applications, can be encrypted using TFHE, ensuring absolute user data security. The platform also provides privacy-computing templates for smart contracts, significantly reducing development time and complexity.

4.2 INICloud: Enhanced Distributed Infrastructure Support

- As a supporting product in the InitVerse ecosystem, INICloud provides flexible and efficient distributed node support, adding convenience for developers and users. Its distributed architecture enhances data reliability and decentralization, offering developers customizable infrastructure solutions to meet specific application needs.

4.3 InitVerse Testnet: A Dedicated Testing Environment

- InitVerse Testnet is a dedicated testing network that offers developers a secure and efficient environment for testing smart contracts, application features, and blockchain interactions. It accelerates product deployment and ecosystem growth without impacting the mainnet.

4.4 End-User-Oriented Ecosystem Products

- In addition to foundational infrastructure and development tools, InitVerse has expanded its product offerings for end users, focusing on applications like ObsSwap, Clown Wallet, INIScan, and Candy. These products provide secure, user-friendly blockchain services while creating opportunities for project teams to engage with their audiences.

ObsSwap: A High-Efficiency Decentralized Exchange

ObsSwap delivers a low-barrier, high-efficiency trading experience, offering no-KYC transactions, low fees, and fast settlements while enhancing liquidity with pools and reward mechanisms.

Clown Wallet: A Multi-Functional User-Custodial Wallet

Clown Wallet supports multi-chain asset management with cross-chain features and an intuitive interface, enabling users to explore the Web3 ecosystem securely and seamlessly.

INIScan: A Professional Blockchain Explorer

INIScan allows users to easily access transaction records, block information, and smart contract statuses, enhancing ecosystem transparency and data analysis capabilities.

Candy: An Interactive Task and Activity Platform

Candy incentivizes user engagement with interactive tasks and rewards, boosting community activity while helping project teams attract target audiences through innovative user onboarding campaigns.

5. Application Scenarios: INIChain Empowering Enterprise-Grade Privacy and Efficiency

- INIChain, as a high-performance and scalable blockchain infrastructure, is designed to meet the needs of enterprise-grade applications requiring advanced privacy protection and data security. Whether in finance, healthcare, or gaming, INIChain combines TFHE (Fully Homomorphic Encryption) and dynamic PoW algorithms to deliver flexible and efficient solutions for both users and enterprises. Below are its applications in various scenarios:

5.1 AI Training: The Perfect Blend of Privacy Protection and Distributed Learning

- AI training relies on large volumes of sensitive and high-value data, such as medical records, financial transactions, and user behavior. TfhEVM offers a secure, efficient, and compliant solution for distributed AI training:

Encrypted Data Computation:

Data can be processed in a fully encrypted state using TFHE, eliminating privacy risks.

Transparent and Compliant Data Usage:

Smart contracts enforce rules to ensure data usage complies with legal and business requirements.

Secure Results Sharing and Verification:

AI training outcomes are verified via smart contracts, ensuring accuracy and maintaining data privacy.

5.2 DeFi Lending: Balancing Privacy and Trust

- In DeFi lending, TfhEVM enables users to submit encrypted credit data (e.g., assets, transaction history) for credit evaluation without exposing sensitive information:

Encrypted Data On-Chain:

Encrypted credit data is securely stored on INIChain.

Private Computation in Smart Contracts:

Credit scoring is conducted on encrypted data without decryption.

Transparent and Secure Results:

Platforms receive only encrypted credit scores, ensuring data privacy and trustworthiness.

5.3 DeSci: Privacy Protection and Innovations in Unpublished Technologies

- Decentralized Science (DeSci) integrates INIChain with TfhEVM to revolutionize research data sharing and intellectual property protection:

Patent Protection:

Unpublished technologies are securely stored in encrypted form to prevent unauthorized access.

Efficient Computation:

Supports AI model training and large-scale data processing.

Transparent and Shared Results:

Smart contracts enable transparent resource allocation and tiered data sharing.

5.4 RWA: Flexible Transparency and Privacy in Smart Contracts

- In Real World Asset (RWA) tokenization, TfhEVM balances transparency and privacy:

Encrypted Data Display:

Sensitive transaction details, such as full addresses, are concealed unless authorized.

Conditional Verification:

Smart contracts validate asset conditions without exposing sensitive information.

Transparent Records:

Publicly accessible transaction summaries maintain trust while safeguarding private details.

5.5 GameFi: Balancing Privacy and Public Data

- In GameFi applications, INIChain provides flexible privacy modes:

Public General Data:

Game progress and character attributes are publicly accessible without encryption.

Private Personal Data:

Player-owned assets and transaction records are protected using TFHE encryption.

Selective Privacy Modes:

Players can enable privacy for specific sensitive data as needed.

- With its high performance and robust privacy capabilities, INIChain is the ideal foundation for diverse application scenarios.

6. Tokenomics

- The INI token is the native token of InitVerse and can also be regarded as an ecosystem token or governance token. The total supply of INI tokens is capped at 6 billion (6,000,000,000), with all tokens generated through block production to incentivize participants and maintain network security. Becoming a node and contributing to network maintenance is a permissionless process open to anyone with the appropriate equipment. This distribution strategy ensures that the INI token supports platform growth, rewards participants, and maintains ecosystem stability.

  Although there is no pre-mining or reserved tokens for the community, the official team retains a mining address to support community development. All tokens mined through this address will be fully allocated for community building and airdrops. InitVerse team will gradually withdraw from its leadership role for INIChain, transferring governance entirely to the community (or foundation). The management of subsequent mining rewards will be handled by the community or foundation, with both parties jointly deciding on the specific allocation and use of the rewards. Through this process, InitVerse team progressively delegates authority to the community, enhancing the community's autonomy and governance capabilities, and accelerating the ecosystem's transition toward greater decentralization and sustainability. This strategy not only helps to support community autonomy but also further reinforces the openness and long-term sustainability of the INI ecosystem, ensuring that every participant can benefit fairly in a decentralized network. Additionally, the transaction fees from the official mining pool will be allocated as extra rewards for the community, further driving ecosystem growth.

  The token issuance follows a weekly halving mechanism, with each halving cycle comprising approximately 20,160 blocks. The initial block reward is set at 729.166665 INI, allowing about 12% of the total supply to be mined in the first year. By the fifth year, half of the tokens will be mined, and the total supply is expected to be fully mined within approximately 40 years. This model balances early token circulation with long-term supply, ensuring that the mining process aligns with community growth and establishing a robust and sustainable economic foundation for INI.

6.1 INI Token Utility

6.1.1 Payment:

Gas Fee:

All blockchain transactions require gas payments with INI tokens, such as token transactions, smart contract deployments, smart contract interactions, and more.

Service Payment:

Use INI tokens for InitVerse services such as subscriptions, premium functions, application deployment, service fees, and customization development.

Purchase online and offline InitVerse merchandise.

6.1.2 Ecosystem Applications

Application Interactions: Experience or leverage the full functionalities with INI tokens. Numerous applications within the ecosystem will require the usage of INI tokens including collateral for token loans, and staking of INI tokens for liquidity provider fees.

6.1.3 Governance

INI tokens can be used to stake and gain voting rights to help decide the future of the ecosystem's development.

6.1.4 Cross-platform interoperability

Cross-Chain Interoperability:

INI tokens are used for cross-chain transactions.

Third-Party integrations:

through interoperability protocols, users pay INI tokens to interact with other platforms to extend the range of application usage.

7. Roadmap

2023 Q1-Q2

- Conducted internal closed testing.

  Completed early-stage architectural design and optimization.

  Initiated partnerships with key industry players for collaborative development.

2023 Q3-Q4

- Completion of foundational technology development, including the enhancement of P2P network functionalities, the finalization of smart contract systems, and the implementation of a security framework.

  MVP launch of the infrastructure and first round of public alpha testing.

  Established owned media channels to enhance project visibility.

  Enhanced product functionalities for a more seamless user experience.

  Conducted product stress and security testing, leading to corresponding optimizations.

  Partnerships formed with key blockchain projects to enhance ecosystem interoperability.

  Launched community-focused education initiatives, including tutorials and webinars.

2024 Q1

- Enhanced consensus mechanism performance for faster block validation and transaction throughput.

  Deployed seamless automatic failover and self-healing functionalities to improve network stability.

  Security checks conducted and critical updates rolled out.

2024 Q2

- Optimized product interoperability to better support the InitVerse ecosystem and integrate seamlessly with partner projects.

  Launched beta version with external developers to gather real-world feedback.

  Introduced early community programs for user incentives and engagement.

2024 Q3

- Achieved 100K UAW and 5M on-chain transactions, demonstrating network scalability.

  Continuous optimization on all aspects based on community feedback.

  Completed major user experience (UX) improvements based on user insights.

  Partnerships with key projects in the industry.

2024 Q4

- Algorithm update to ensure utmost security with enhanced cryptographic features.

  Successful TFHE implementation to provide cutting-edge privacy and data protection.

  Testnet 2.0 launch with full feature set and additional testing parameters.

  Mainnet launch with full operational capacity.

2025 Q1

- Token Generation Event (TGE) and listing on major exchanges.

  Providers promotion for a robust system environment and better security.

  Roll out developer grants to encourage innovation on the platform.

2025 Q2

- INIChain foundation establishment to formalize governance structure and ecosystem growth.

  Developer community establishment and launch of grants program for incentivizing open-source contributions.

  Initiate regional community-building efforts to drive adoption in key markets.

  Launched first wave of dApp incubator program, supporting startups in the Web3 space.

  Completion of tebool, teuint4, and teuint8 type development to optimize data storage and computational efficiency.

2025 Q3-Q4

- Ecosystem expansion, attracting a variety of high-quality applications in DeFi, NFTs, gaming, and enterprise solutions.

  Network upgrade to better support the rapidly growing InitVerse ecosystem, including scalability improvements and new developer tools.

  Launch Hackathon events to engage developers and foster innovation on the platform.

  Release new suite of developer tools to further streamline DApp creation and deployment.

  Global partnerships with industry leaders to offer more comprehensive functionalities to enterprise users.

  Completion of teuint16, teuint32, and teuint64 type development to support broader numerical ranges and enhance flexibility for developers.

  Completion of teaddress type development, with integration and support for developer tools like Hardhat and Remix plugins, streamlining smart contract deployment and testing.

2026 Q1

- Completion of trandfunction development and execution of a mainnet fork upgrade to introduce new features and improve network capabilities.

8. Disclaimer

- This white paper is an informational document intended for reference purposes only and should not be considered as investment advice, legal advice, or any form of professional guidance. The project plans, technical architecture, and related content described in this document may be subject to changes or updates based on actual circumstances.