BLOCKCHAIN TECHNOLOGY INNOVATION GROUP

BBACHAIN

BBACHAIN
DOCUMENTS

Our Mission

We're consistently working towards enhancing blockchain technology and achieving new milestones in cryptocurrency.

Our aim is to captivate the cryptocurrency market by constantly offering solutions that result in continuous advancements in our technology and products.

We stand prepared to offer support and share our expertise and achievements with both organizations and individuals, fostering a cooperative environment for shared growth and success.

Our ambition is to continuously improve, innovate, and adapt, with the ultimate goal of becoming a leading powerhouse in the digital technology industry.

BBACHAIN OVERVIEW

I. BBACHAIN

1. BBACHAIN as a Layer I Protocol

BBACHAIN is a Layer I protocol network that processes and completes transactions on its proprietary blockchain. It features a native token, BBA, used for transaction fees.

2. BBACHAIN: A Superior Technology Platform

BBACHAIN is committed to continually improving its technology platform, striving to offer a solution that's optimal for both current and future users. Its features include superior transaction speed, improved network scalability, reduced network costs, and notably stable network operations, surpassing previous generations of blockchain technology.

3. BBACHAIN's Native Token: BBA

Owning BBA Coin is integral to the BBACHAIN network as it forms the core value and is used for managing the ecosystem. BBA plays a crucial role in maintaining network stability and is used for transaction fees across the entire network, as well as within all ecosystems built on BBACHAIN's platform.

4. BBACHAIN's Security

BBACHAIN ensures a secure network through its decentralized blockchain system. It uses a Cloud Validators Cluster, a collection of decentralized Cloud Validators Pool that operates independently on the cloud server system developed by BTI Group worldwide. The working principle of the Cloud Validators Pool is to vote on blocks to gather Credits in the BBACHAIN network and earn rewards after the epoch concludes. It keeps the network active and validates transactions using the PoS algorithm. The global cryptocurrency community can participate in the Cloud Validators Pool to earn BBA rewards on BBACHAIN's blockchain network.

5. The Strength of BBACHAIN

BBACHAIN combines critical technological aspects like decentralization, system scalability, security, rapid transaction speed, and affordable transaction fees on its platform. One of BBACHAIN's significant advantages lies in its transaction fees. With increasing demand for network transactions, gas fees have become exceedingly high on older Layer I blockchain technology platforms. However, BBACHAIN offers a stable network operation with a maximum capacity of 100,000 TPS, ensuring affordable transaction costs.

6. BBACHAIN: A Product of BTI GROUP

BTI GROUP, formally known as Blockchain Technology Innovation Group, was founded in 2021 in Tallinn, the captal of Estonia. This group comprises a robust team of experts with extensive experience in the digital industry, particularly in blockchain technology and cryptocurrencies.

The directors of BTI GROUP, along with their proficient development team, have successfully engineered the BBACHAIN network. This network boasts exceptional features and advantages, successfully overcoming the limitations currently faced by existing Layer I blockchains.

With a strategic vision at its helm and an enduring commitment to technological enhancement, BTI GROUP is poised to elevate BBA to the pinnacle of trustworthiness in the cryptocurrency market's blockchain platforms.

Members of the BBACHAIN development team have honed their skills at leading corporations such as Amazon, Google, and Coinbase, and on projects like Solana. Their combined expertise significantly contributes to the success and continual advancement of the BBACHAIN network.

II. LAYER I

1. What is Layer I?

Layer I: The Fundamental Level of the Blockchain Network

Layer I serves as the bedrock of the blockchain network. It provides the crucial infrastructure necessary for the development of ecosystems, the execution and validation of transactions for smart contracts, ecosystems, and other blockchain layers.

An essential characteristic of Layer I blockchain is its self sufficiency; it operates independently and does not rely on any other blockchain network.

2. How are the other layers working?

Layer I serves as the primary blockchain platform. It achieves consensus and validates transactions independently on its blockchain, using its native token for transaction fees. Crucially, it also promotes the development of ecosystems within the Layer I blockchain sphere.

Comparison Details

The performance of several Layer I blockchains currently on the market varies:

- BTC: Can handle a maximum of 7 transactions per second (TPS), with transaction fees ranging from $10 to $100 and regular network congestion.
- ETH: Allows a maximum of 25 TPS, with transaction fees between $3 and $100 and frequent congestion issues. BSC: Supports up to 100 TPS, a transaction fee of $0.1229, and occasional network congestion.

Many current Layer I blockchains are grappling with challenges such as slow transaction speed, high transaction fees, constant network congestion, and in some cases, blockchain network failure.

3. Technical Details of BBACHAIN

BBACHAIN's network stands out in this market with an impressive average of over 100,000 TPS, equating to 8.6 billion transactions every 24 hours. This figure vastly surpasses the estimated transaction rate of the VISA payment system (25,000 TPS). However, it's worth noting that 100,000 TPS is a significant figure, and the cryptocurrency market has not yet attained this level.

- BBACHAIN's transaction fee is a mere 0.000001, which corresponds to 1 million transactions per BBA (1M TXS/ BBA).

- It takes only 0.4 seconds to create a new block, with a maximum of 40,000 transactions per block.

4. Anti-spam Measures

BBACHAIN has implemented technological solutions to counter spam on its network. Below 100,000 TPS, the transaction fee remains a stable 0.000001 BBA per transaction. Above this threshold, the transaction fee increases by 100% per transaction until it hits a cap of 0.002 BBA/transaction after a 200,000% increase.

Transactions beyond this limit are rejected, with users asked to retry after a short period (estimated at 1-10 seconds depending on the situation). If the BBACHAIN system registers total transactions exceeding 100,000 TPS at any point, it may indicate spam.

In such cases, the anti-spam mechanism activates to swiftly prevent deliberate intrusion and sabotage of the BBACHAIN network. This special anti-spam mechanism helps BBACHAIN avoid scenarios where an influx of simultaneous transactions could block or even crash the network.

BBACHAIN was conceived with the goal of enhancing technologies in the current cryptocurrency market, thus facilitating the growth and broadening the appeal of the Cryptocurrency Industry.

It boasts a suite of standout features, including high security, robust system scalability, user-friendly interfaces, stable operation, fast transaction speeds, and nearly zero transaction fees (only 0.000001 BBA/transaction).

BBACHAIN's innovative digital technology serves all sectors – industries, retail services, traditional businesses, and both existing and upcoming projects or products, helping them integrate and grow within the BBACHAIN network.

III. Clever choice and potential of Layer I.

1. The Unending Competition in Blockchain Technology

The race in blockchain technology is a continuous battle, especially among Layer I blockchains. Their goal is to lead in the wave of technology to attract users to their ecosystems. The cornerstone of a blockchain system is its transparency and decentralization. Layer I blockchains aren't managed by any organization or government. Rather, control is distributed among participants in their system. By dispersing control among numerous users and nodes, the concentration of power is avoided, making the network more stable, secure, and efficient, with good scalability, fast transaction speed, and cheaper transaction fees.

IV. What technology does BBACHAIN use?

BBACHAIN's Unique Blockchain Network BBACHAIN utilizes an independent, secure, and advanced platform. The company's objective is to create a new blockchain platform that ensures safety and high reliability, addressing the issues of security, processing speed, and scalability that currently plague existing blockchain platforms. This strategy improves the performance and availability of BBACHAIN.

1. Proof of Stake (PoS)

BBACHAIN employs a Proof of Stake mechanism, requiring Node Validators to keep a certain amount of BBA in their wallets to participate in the transaction validation process. Users can stake these BBA on a node in BBACHAIN's network. When that node is selected to execute a new block, the user is rewarded with a certain amount of BBA. This feature gives users more control over BBACHAIN's network and considerably reduces the cost and energy required for BBA voting.

2. Proof of History (PoH)

BBACHAIN uses Proof of History as a secondary validation mechanism to ensure the integrity and trustworthiness of system-wide transactions. PoH is a system independent of PoS and is used to verify the timing of transactions on the network. Every transaction on the network is validated via PoH before being confirmed and added to a new block on the BBACHAIN network. This mechanism helps to reduce the risk of 51% attacks and strengthens the security of the BBACHAIN network.

3. Derived of Half (DoH)

This mechanism ensures a limited number of new BBAs are generated into BBACHAIN's network, protecting the value of the BBA and preventing inflation in the long run. The DoH algorithm is based on the number of blocks added to BBACHAIN's network. The BBACHAIN's DoH algorithm operates on a 12-month cycle. At the start of every DoH cycle, the number of BBAs generated in the BBACHAIN network is halved compared to the previous cycle. As the supply of new BBA is halved, BBA becomes more scarce, which could increase the value of BBA should demand rise in the future. Consequently, BBACHAIN's DoH cycle is often viewed as an important event closely monitored by the crypto community.

4. Algorithm of Dichotomy (AoD)

The AoD algorithm on BBACHAIN ensures a unanimous agreement among Node Validators across the network, even when some Nodes act maliciously or transmit inaccurate data to the BBACHAIN network.

V. Optimizing Power and Performance

1. How does BBACHAIN enhance its features and Upgrade its network?

In today's landscape, numerous Layer I blockchains are grappling with a myriad of challenges, including

- Subpart transaction speeds.
- Exorbitant transaction fees.
- Regular network congestion.
- Unplanned pauses and frequent network Crashes.

2. Transaction speed and fees?

BBACHAIN boasts a transaction fee of a mere 0.000001 BBA with a maximum steady transaction rate of 100,000 transactions per second (TPS).

Furthermore, BBACHAIN incorporates an Anti-spam algorithm. As such, when transactions exceed 100,000 TPS, BBACHAIN's network will automatically activate this algorithm, escalating the transaction fee exponentially from 100% up to 200,000%, equivalent to 0.002 BBA.

The objective is to deter Spammers by making it resource intensive for them. Interestingly, this mechanism simultaneously enhances the block reward for Node Validators.

3. Anti-spam Algorithm

A volatile blockchain network, or even a network collapse, is a crucial challenge faced by many other blockchains, leading to a loss of user trust or causing user inconvenience.

As such, BBACHAIN's Anti-spam algorithm comes into play. Once activated, this algorithm increases the transaction fee to its maximum threshold of 200,000% (0.002 BBA) per transaction to maintain network stability.

BBACHAIN's Anti-spam algorithm automatically rejects transactions that surpass the permissible threshold in a single block.

Its role involves rebuffing transactions on BBACHAIN's network that exceed the allowed volume, effectively thwarting spam bots that could cause network congestion or even collapse.

VI. What is Cloud Validator Pool?

1. What is Cloud Validator Pool?

A Cloud Validator Pool pertains to the operational mechanism of a blockchain that requires Node Validators to authenticate transaction data and maintain network security and decentralization.

In the context of the Proof of Stake (PoS) consensus algorithm, the operator of the validating nodes is termed as Validators. The higher the number of active nodes in a blockchain network, the better its security and decentralization.

Opting for the PoS algorithm ensures a larger number of active nodes, quicker transaction authentication, and ease in setting up a Validator Pool. This approach also significantly reduces costs associated with mining, electricity, or equipment maintenance

2. Why is a Cloud Validator pool needed, what role does it play?

Validators, or Node Validators, are Network Nodes authorized to validate and verify transactions, as well as to generate new blocks within the blockchain network.

The primary responsibility of a Validator involves examining the validity of new transactions and blocks before incorporating them into the ledger. Typically, Validators achieve this by scrutinizing the signature, ascertaining the transaction's validity, and ensuring adherence to the blockchain network's rules and protocols.

In order to become a Validator, an individual usually needs to stake a specific number of BBA on the BBACHAIN's network. This requirement is to ensure the integrity and compliance with the rules of the Validator Pool system.

Performing its duties diligently, the Validator Pool plays a vital role in maintaining the safety, integrity, and reliability of the BBACHAIN's network.

VII. Features and Benefits of BBA.

1. Introduction to BBA, its features and benefits;

- Over the first 100 years, the total supply of BBA only 296,000,000 BBA. This figure comprises:

- 50,000,000 BBA initiated in the Genesis block.

- Up to 146,000,000 BBA produced by the Derived of Half (DoH) algorithm over the course of 100 years. This is with a reward of 200,000 BBA per 216,000 blocks, and a reduction of 50% every 365.25 days.

- An additional fixed amount of 1,000,000 BBA per year, included in the block rewards. This reward is granted to the Validators for validating transactions and generating new blocks. It is distributed evenly across each epoch (216,000 blocks) on an annual basis.

2. Why is there a generation of an additional 1,000,000 BBA each year, and could it induce inflation?

Through our extensive research and trials in blockchain technology, we have determined that this reward for Validators is optimal.

To explain further: the principle of coin burning raises questions such as, where do the coins to be burned come from, and what happens to the funds involved in burning these coins? This often leads to opacity in the blockchain's transactions.

On the other hand, if the coin supply is static – neither increasing through generation nor decreasing through burning – transaction fees would inevitably rise, compromising their stability. This situation undermines the fundamental principles of a blockchain network: safety, transparency, and decentralization.

3. Elements of security, decentralization, scalability

Security, decentralization, scalability, and network stability are crucial aspects for a blockchain network.

If a blockchain frequently suffers from congestion, network downtime, or excessively high transaction fees, it risks user dissatisfaction and a loss of trust.
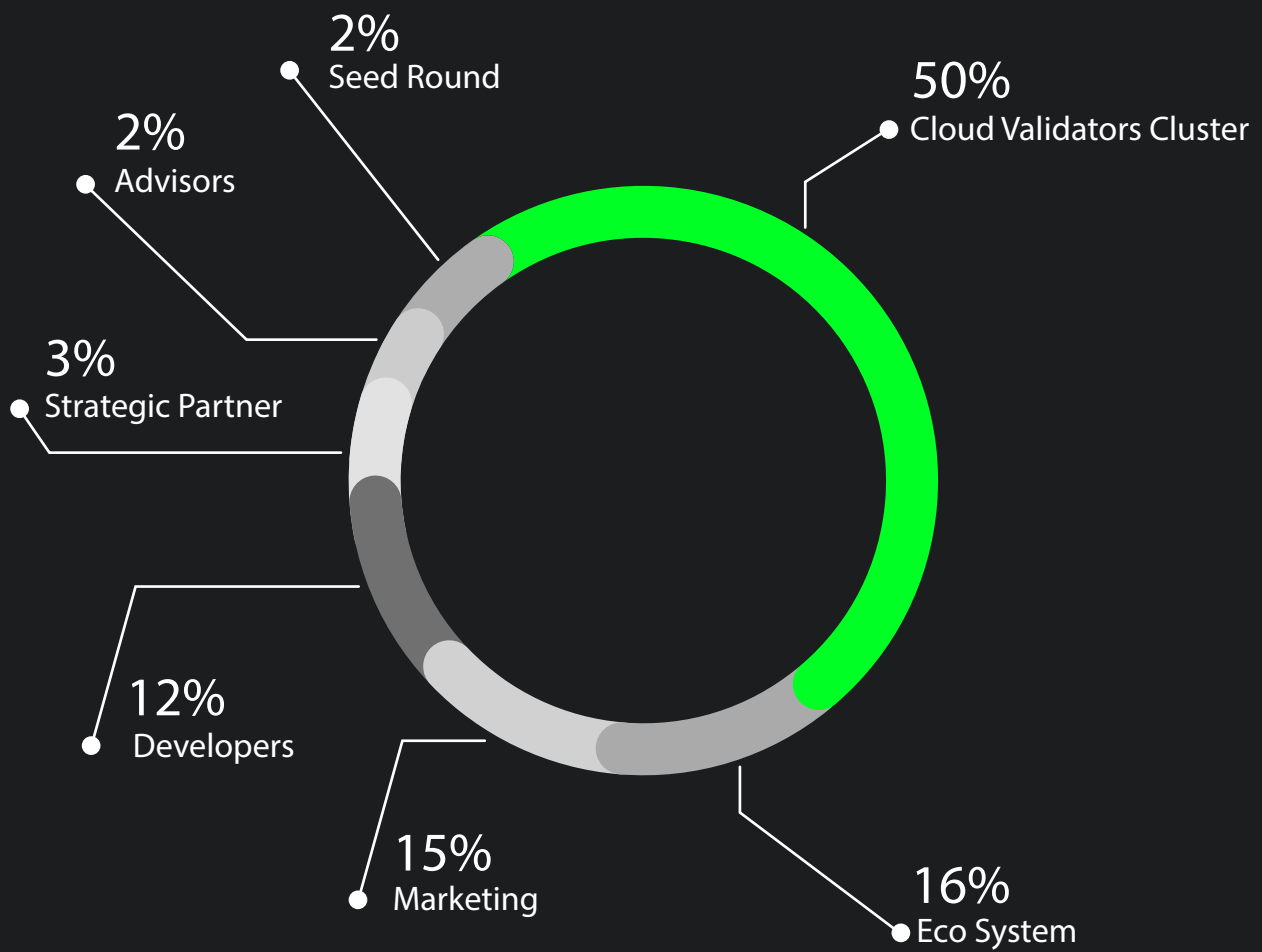
BBACHAIN satisfies these stringent requirements, making it a premier blockchain solution that is suitable for all users, across diverse fields and industries both now and in the future. It offers a platform that is conducive for partners, businesses, and development of fully integrated ecosystems around the BBACHAIN network.

In order to ensure decentralization, it's essential to have numerous active Node Validators with significant rewards. Moreover, to maintain stable transaction fees, block rewards need to be generated as required. This approach builds trust and broadens the market for the development of robust ecosystems.

Each year, BBACHAIN's network generates an additional 1,000,000 BBA as a reward for Node Validators. This is also a benefit for users who stake their assets in Validators they trust.

These rewards serve to maintain the BBACHAIN's network, enhancing its decentralization and creating value for the assets. The more Validators there are, and the more users there are staking their assets, the higher the value of BBA becomes. This also leads to a scarcity of BBA in the market, which further decentralizes the BBACHAIN's network.

VIII. Allocate BBA

- 2% Seed Round
- 2% Advisors
- 3% Strategic Partner
- 12% Developers
- 15% Marketing
- 16% Eco System
- 50% Cloud Validators Cluster

IX. Benefits of owning and holding BBA

A low starting price: BBA is initially priced at just $0.2 per BBA.

The potential for sustainable asset growth: As a new blockchain platform, BBA provides an opportunity for asset growth at every stage of the Company's ecosystem development as user adoption increases.

Utility as a transaction fee: BBA is used as the transaction fee within the BBACHAIN system. Therefore, every member of the Cryptocurrency community using the BBACHAIN network must pay transaction fees in BBA.

Rewards for Staking and Node Validators: BBA is used as a reward for those who stake their assets and for Node Validators, ensuring the network's stable operation.

Development opportunities: BBA allows developers to build smart contracts and create Layer II projects on the BBACHAIN.

Broad applicability: BBACHAIN's features primarily focus on blockchain network development technology, expanding ecosystems across all fields and industries.

Transaction fees within the BTI GROUP network: BBA is also the transaction fee for transactions within the BTI GROUP network and ecosystem.

Due to these factors, the value of BBA is expected to increase over time, thereby boosting the assets of BBA holders.

X. Why Choose the Referral Marketing Development Approach?

- The company has strategically chosen to offer Power Wattage of the Validators Pool to the vibrant Cryptocurrency community. Enthusiasts can seamlessly join the Validators Pool by acquiring its Power Wattage, either directly through the company's official channels or via a trusted referral, all under the umbrella of our robust referral marketing model.

- Referral marketing isn't just a buzzword for us; it's a powerful community-building tool. It harnesses the genuine recommendations of our users, fostering organic growth and creating a ripple effect of trust. This approach not only streamlines our expansion but also significantly curtails extraneous costs.

- While many companies chase capital from external funds or institutions, we're charting a different path. Our focus is crystal clear: cultivate a loyal community and fortify user trust, all by leveraging the potency of referral marketing.

- Referral Marketing plays an important role in dispersing BBA's circulating supply throughout the market, ensuring it doesn't become concentrated in the hands of a few. This proactive approach is vital to mitigate potential risks in the event of BBA's value appreciation, such as potential large-scale sell-offs that could disrupt the company's long-term vision.

- The company meticulously strategizes the development and distribution of BBA for every phase, consistently introducing a balanced supply of BBA to the market. This deliberate approach paves the way for a sustainable and steady price growth trajectory.

XI. What is BBACHAIN's vision for the future?

- BBACHAIN prides itself on its faster transaction speeds, improved network scalability, lower network costs, and notably, a more stable network compared to preceding blockchain generations.

- One of the key goals is to enhance the scalability of the BBACHAIN system, enabling it to handle a large volume of transactions and cater to the diverse needs of its users.

- This represents a significant challenge for Layer I blockchain systems, but BBACHAIN possesses a clear vision and a well defined plan for the future.

- As per the strategy, BBACHAIN intends to develop and incorporate new technologies and protocols into its network to enhance scalability and expedite optimal transaction processing.

- Further, the plan includes expanding functionalities and facilitating cross-platform usage. This means support for a broad array of applications, from payments and decentralized finance to smart contracts, data storage, and digital asset management. This inclusive approach underlines BBACHAIN's commitment to serve as a comprehensive solution for blockchain requirements.

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