ZKCHAOS is a layer 2-based anonymous transaction protocol, and a fair game platform, which is built to enhance privacy for all kinds of cryptocurrency.
Thanks to Grayscale and Elon Musk, cryptocurrency represented by bitcoin is being recognized by many institutional and individual investors. People no longer save all their money in the bank, but part of them on the blockchain. While embracing new opportunities, we will also face new risks, that all asset storage and transfer on the blockchain are completely transparent. In other words, there is no privacy on the blockchain, which is a historic opportunity.
Most centralized exchanges or wallets collect KYC information, but they can’t keep it well. Your data on blockchain, including all your asset allocation and transfer, can be observed by anyone, as long as your address has been in contact with any centralized organization. Especially those who participates in defi will use various smart contracts more frequently, which means taking more risks. Currently there is no perfect solution for the problem of data privacy protection on chain.
ZKCHAOS is the first decentralized privacy protocol to enhance privacy for all kinds of cryptocurrency through multiple fair games. It means there is a large number of transaction volume contributed by platform players, not mixers.

ZKCHAOS is based on layer2 through ZK-Rollup technology, provides unlimited scalability and privacy. It provides a high-performance anonymous trading for token holders on multi-chain, and transactions in ZKCHAOS do not require any gas fees.
Anonymous transactions are a low-frequency demand. It is difficult to ensure that transactions won’t be traced even with zero-knowledge proof (ZKP), during periods of low transaction volume. Thanks to players of fair game across time zones, there are lots of deposits and withdrawals at any time. This will maximize the effect of ZKP and provide a sufficiently secure cover for anonymous transactions.

**TRANSFER**
A user transfers Ether or an ERC20 token to the ZKCHAOS layer-2 wallet.

**SHIELD**
Anonymous transactions are a low-frequency demand. It is difficult to ensure that transactions won’t be traced even with zero-knowledge proof (ZKP), during periods of low transaction volume. Thanks to players of fair game across time zones, there are lots of deposits and withdrawals at any time. This will maximize the effect of ZKP and provide a sufficiently secure cover for anonymous transactions.

**WITHDRAW**
When you withdraw assets from layer-2 net, there’re two steps of assets encryption and withdrawal. First, you must encrypt a certain number of assets, and then you will get a note with the right to withdraw the encrypted assets. After entering the note and the payment address, you can withdraw the assets corresponding to this note to the specified address anonymously.
COMPETITIVENESS

01 EFFICIENCY

Based on Ethereum main chain.

02 USAGE SCENARIOS

Only used as a mixer. We can’t determine the participants of each transaction, but we can determine the scope of a participant, because every tornado users are crypto mixers.

03 ZERO KNOWLEDGE PROOF

Using ZK-Snark scheme needs to make trusted settings each time, which is a complex and expensive process. Meanwhile, it’s more likely to cause bug.

ZKCHAOS is a fair game platform based on layer2, and game players make a huge contribution on transaction volume.

Using Plonk scheme can be used by many applications with only one trusted setup, which has higher performance. It is convenient for Plonk to update version while Snark almost can’t update.
PRODUCT
There are two types of NFT bonus cards, including double-bonus card and insurance card. Double-bonus cards allow you to double the bonus when you win the game, and insurance cards can pay for your lost chips when you lose the game.

INVITATION SYSTEM
Multi-player game adopts the homeowner invitation system. Homeowners will enjoy multiple incentives.

50% of the room fee is used as a reward for the host, and the homeowner’s chances of obtaining NFT-Buff cards are doubled.

NFT-BUFF SYSTEM
There are two types of NFT bonus cards, including double-bonus card and insurance card. Double-bonus cards allow you to double the bonus when you win the game, and insurance cards can pay for your lost chips when you lose the game.
The ZKCHAOS stakeholder bearer instrument

The CHAOS currency is not a currency or an asset. It is a stakeholder instrument. A digital key providing holders:

Economic Incentives
A certain proportion of the commission income of each lotto game is used to buy back CHAOS, which will have a striking effect on the relationship of CHAOS supply and demand.

Environment Participation
CHAOS holders decide which game will be launched on ZKCHAOS, and which token can be used to bet. You can also bet with CHAOS when you become players.
# ALLOCATION OPPORTUNITY

<table>
<thead>
<tr>
<th>USD RAISE</th>
<th>5%</th>
<th>10%</th>
<th>1%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$300K</td>
<td>$1.2M</td>
<td>$250K</td>
</tr>
<tr>
<td>ROUND</td>
<td>SEED</td>
<td>PRIVATE</td>
<td>PUBLIC</td>
</tr>
<tr>
<td>AMOUNT</td>
<td>5M</td>
<td>10M</td>
<td>1M</td>
</tr>
<tr>
<td>ROUND PRICE</td>
<td>$0.06</td>
<td>$0.12</td>
<td>$0.25</td>
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<tr>
<td>VALUATION</td>
<td>$6M</td>
<td>$12M</td>
<td>$25M</td>
</tr>
<tr>
<td>VESTING</td>
<td>10% AT TGE 3-MONTH CLIFF 10% EVERY MONTH FOR 9 MONTHS</td>
<td>15% AT TGE 3-MONTH CLIFF 12.14% EVERY MONTH FOR 7 MONTHS</td>
<td>UNLOCKED</td>
</tr>
</tbody>
</table>
TOKEN DISTRIBUTION

FOUNDATION 18%
LIQUIDITY 4%
TEAM 15%
PROTOCOL REWARDS 42%
SEED 5%
PRIVATE 10%
PUBLIC 1%
ADVISORS 5%
VESTING PERIOD
ROADMAP

- **SEP, 2020**: Development Begins
- **APR, 2021**: Token Sale Announcement
- **MAY, 2021**: Test Network Launch (Beta 1)
- **JUL, 2021**: Main Network Launch
- **JUN, 2021**: Test Network Launch (Beta 2)
The Privacy Shield of Crypto

Thank You

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