

# White Paper

SUDOKU INU

\$SKU

[BSC: 0xFA6388D08A40BEcC4d1464d3C17a99960c96309C](https://bscscan.com/address/0xFA6388D08A40BEcC4d1464d3C17a99960c96309C)

Story .....	1
NFT .....	2
DeFi .....	3
SUDOKU INU Technology .....	4
Sidechain .....	5
Important not about Sudokuchain .....	6
Important characteristics of Sudokuchain .....	6
Asset transfer between chains .....	7
Steps of the process of transferring assets through two-way bonding .....	7
Sudokuchain Transactions .....	8
Sidechain security .....	8
Conclusions .....	9
Supply .....	11
Disclaimer .....	12

# WHITE PAPER v1.4

## Story Technology

We decided to do NFT via DeFi link. We want to build a bridge to do financial management in the field of NFT easily. This method reduces network time and cost and manpower. We have chosen Binance smart chain to reduces network cost to a minimum and close to zero. To Respect investors, The Sudoku team has decided to burn 3% of the transaction fee from the original supply and for each transaction after burning the original token.





## NFT

In the world of digital currencies, NFT tokens are unique currencies that do not have a non-Fungible Token that They are called NFT Briefly.

NFT means irreplaceable or irreplaceable and is also a special encryption token.

NFT tokens, like other financial markets, attract a lot of capital, and it is the law of supply and demand that determines the value of NFT tokens Due to the popularity of these tokens among gamers, score collectors and investors, many people tend to use and buy and sell these tokens, and this makes these tokens valuable. This in itself can be considered an asset.

One of the biggest problems in this case is the lack of management of investors and NFT token holder owners in this area. Given the vast amount of financial resources in this area and the fact that the holder of NFT tokens, if they want to invest in another platform, they have to pay a lot of money to transfer and convert NFT tokens to DeFi. They need a new way to go.



## DeFi

DeFi means Decentralized Finance, a universal term used for a variety of financial programs in cryptocurrencies or blockchain designed to dilute financial intermediaries. The most common use of these tokens is for lending projects and as a reward in Yield Farming. Another important use of these tokens is their governance role in projects.

This means that those who have these tokens have the right to vote on the decisions of that project.

Unfortunately, there is no definite source of income in DeFi projects, and in an intense initial wave, many DeFi projects make huge profits and after the initial wave subsides, they become a series of ordinary and aimless tokens in the digital currency market.

Steps were taken to restore the credibility of these tokens, but unfortunately it was not enough.



## SUDOKU INU Technology

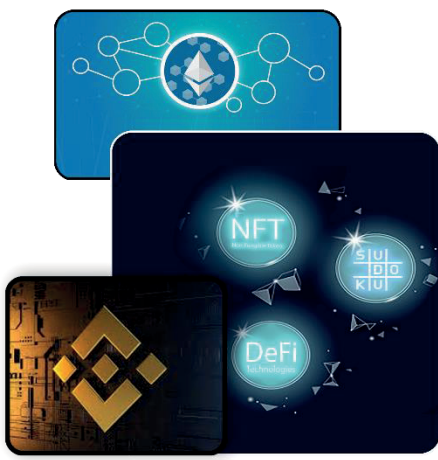
The deficiency seen in the field of NFT is the lack of financial management, which does not have any specific program for managing the capital invested in this field.

In the case of Defi, the tokens are used for lending or reward projects. Defi system projects do not have a specific Monetization and only in DeFi systems, token sales can be seen.

It is now possible to direct financial management to NFT with the help of Defi, this solves the defect seen in the NFT field. It also helps DeFi solve the problem of receiving money and not be a system without receiving money.

This means that with the integration of Defi and NFT, a new dual-purpose system emerges that can generate revenue according to NFT policies. It can also manage input resources with the help of the defi domain and use it in the DeFi system for rewards and lending.





## Sidechain

The sidechain Procedure holds tremendous potential to improve the capabilities of existing blockchains. It is a separate blockchain that is attached to its parent blockchain using a two-way peg, which makes this whole process reversible. In this entire performance, blockchain is referred to as the main chain, while all additional blockchains are referred to be sidechains.

What are the profits of using sidechains? Let's answer this question.

The most important profit of using sidechains is that it allows new and potentially changeable software to get arranged and tested on a sidechain. If in case, the software causes harm to the blockchain, the damage is contained within the sidechain.

Furthermore, the capability to have a faster mainchain, as transactions can happen on either of the sidechains. If developers are displeased with the costs and transaction speed of the mainchain, they can set up their Dapps (decentralized apps) on one of the sidechains.

Third, sidechains can lessen the load of mainchain, as it can store data and process transactions, therefore, maintaining the unity of the mainchain while making it smaller and faster.

However, what about sidechains safety?

Sidechains are completely responsible for their security, and if there isn't enough mining power to secure a sidechain, it could be hacked. But since each sidechain is independent of each other, if it is meet halfway, the harm will be contained within that chain and will not involve the parent chain



### **Important not about Sudokuchain:**

The important thing to know about Sudokuchain is that Sudokuchain is creative through experimentation. Instead of directly scaling, we do simple, mundane experiments with a variety of scalability mechanisms in our context. sudokuchain can be used to avoid problems with initial distribution, market volatility, and barriers to entry in altcoins, which have modeled their bitcoin nature on scarcity and limitations. Despite what has been said, each sidechain is independent and has its own different characteristics.

### **Important characteristics of Sudokuchain:**

1. Only the owner of the original asset is able to return the assets transferred between the sidechains to the original Chain.
2. Assets must be transferred without counterparty risk.
3. Transactions must be dynamic.
4. Our sideboards are independent, meaning that the changes and bugs of one sidechain do not affect the other sidechain, even if they are interconnected. This includes reorganizing the blockchain.



## **Asset transfer between chains:**

Sudoku's established sidechains use a two-way peg to transfer assets between chains, and provide proof of ownership in transaction. The purpose of the Sudokuchain is to enable the ability to lock an asset on a main chain, then it can be transferred to a side chain and finally retrieved on the mainchain.

In particular, the parent chain is locked to a specific output address and it will not go away like the early uses of Side chain.

## **Steps of the process of transferring assets through two-way bonding:**

The process of transferring assets through two-way bonding, from a parent chain to Sudokuchain can be divided into four stages:

- 1.The asset (the native coin of a blockchain) is sent to a specific output address where the asset is locked in that chain. Assets can only be locked in the sideline using the Simplified Payment Verification (SPV Proof) method.
- 2.Confirmation period: This is the period when the coin is locked in the parent chain, which creates a reference transaction number on the Sudokuchain that is linked to a specific output address on the parent chain , Known as Simplified Payment Verification (SPV Proof).
- 3.Competition period: The period of time when a newly created asset on Sudokuchain cannot be used. This course is designed to prevent double-spending attacks against potentially reorganizable blockchains in the parent chain.
- 4.Redeem on parent chain: This process is similar to steps 1 to 3; The difference is that it sends the asset to an SPV-locked asset on Sudokuchain and unlocks the original locked output on the parent chain.





## **Sudokuchain Transactions:**

Sudoku sidechain transactions use a two-way link that only allows cross-chain transactions.

.Moving from NFT to DeFi (and even converting it to Diffie tokens) will allow the user to take advantage of DeFi capabilities. The main asset can be the sent currency and the owner of the asset can turn it into a DeFi token with the lowest fee if he wants in the Defi network.

Sudoku interconnected sidechains are an intermediary between different blockchains.

The main difference between Sudokuchain and other sidechains is that with Sudokuchain you can convert your property with the lowest commission and other sidechains do not have this capability.

## **Sidechain security:**

Despite the fact that Sudoku sidechains are independent of each other, each sidechain has a duty to provide its own security and needs the necessary mining power to stay safe. Bitcoin blockchain has enough power to work and stay safe even in the most regular attacks. But Sudokuchain, unlike many new sidechains that lack network effects and mining power, are there to ensure the safety of their users. Sudoku chain ensures the security of its sidechain users with its new and proprietary algorithm and, unlike other sidechains, requires very little mining power.



## Conclusions

Input sources from the NFT domain with the help of the DeFi system act like a sudoku puzzle and there is no duplication of investment or financial use.

Our system is designed in such a way that, like a sudoku puzzle, there is no repeat investment.

This design ensures that there is no waste in the input resources of the NFT field and the capitalists and investors

of the NFT field invest in this system with peace of mind and can receive the reward of this investment according to the rules of the defi field.

Advantages of connecting the DeFi and NFT platforms to each other

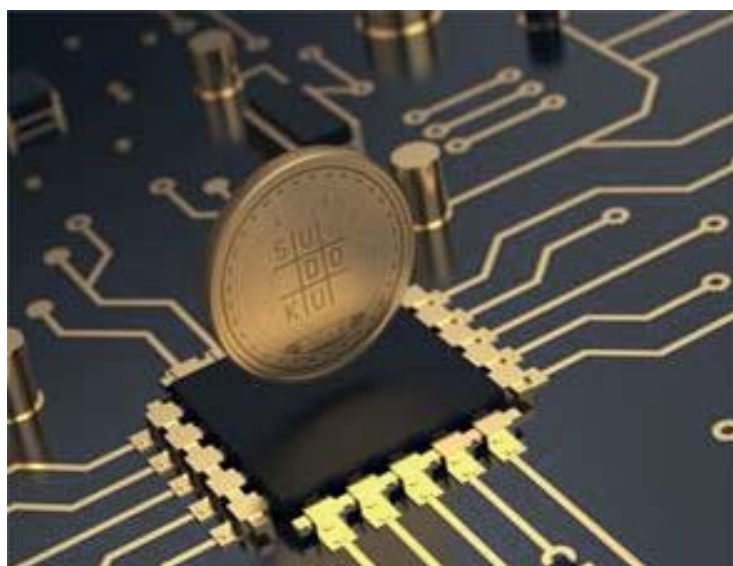
- ❖ connect the ETH Blockchain and the Binance Smart Chain by creating a Sidechain
- ❖ Creating a platform for managing NFT assets using DeFi
- ❖ High transfer speed
- ❖ low service fee
- ❖ New solutions in digital asset management



If We want to explain more

Imagine that someone has an NFT token and wants to turn it into one of the DeFi tokens and be able to use it in the field of DeFi or vice versa; If one wants to use a decentralized exchange to do this, one has to pay several times the high swap fee to reach the final result. If he wants to use his wallet, he has to pay for ERC20 and Baining Smartchain.

What we provide for you is a platform that can easily convert NFT and DeFi tokens to each other without having to take your tokens out of your wallet; With the design of this sidechain, the two Ethereum and Baining blockchains are connected to each other. Using our platform, you can easily convert your tokens to each other at the lowest cost. This is the first advantage of this side chain and we will provide you with more applications than other blockchains in the future.









## Disclaimer

This white paper shall not and cannot be considered as an invitation to enter into an investment. It does not constitute or relate in any way nor should it be considered as an offering of securities in any jurisdiction. The white paper does not include nor contain any information or indication that might be considered as a recommendation or that might be used to base any investment decision. This document does not constitute an offer or an invitation to sell shares, securities or rights belonging to SUDOKUINU or any related or associated group. The \$SKU token are just a utility token which can be used only on the SKU platform and is not intended to be used as an investment.

The offering of \$SKU tokens on a trading platform is done in order to allow the use of the SKU platform and not for speculative purposes. The offering of \$SKU tokens on a trading platform is not changing the legal qualification of the token, which remains a simple means for the use of the SKU platform and is not a security.

SUDOKUINU Group is not to be considered as advisor in any legal, tax or financial matters. Any information in the white paper is given for general information purpose only, and SUDOKUINU Group does not provide any warranty as to the accuracy and complete-ness of this information. Given the lack of crypto-token qualifications in most countries, each buyer is strongly advised to carry out a legal and tax analysis concerning the purchase and ownership of SKU according to their nationality and place of residence.

SUDOKUINU Group today is not a financial intermediary according to Swiss Law and is not required to obtain any authorization for Anti Money Laundering purpose. This qualification may change in the case of SKU offering services which are to be considered as qualifying as financial intermediation activity.