



OneAuth

WHITE PAPER

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ABSTRACT



01

Abstract

With the increasing number of blockchains being used nowadays, keeping your **assets or private keys safe**, accessible, and failproof has never been such a challenge.

OneAuth is bringing a solution that finds a balance between custodial and non-custodial wallets. Our wallet allows users to **safely store**, use and access their portfolio without the hassle of being accountable for storing their private keys.

Motivation

At the moment of writing this document, the total crypto market is approx 2.5T\$. A conservative approximation is that 20% of this market is lost due to stolen or forgotten keys. To put things in perspective, 20% of 2.5T is 500B and that is roughly the net worth of Microsoft or GDP of countries like Sweden or Belgium. Considering we are at an early phase, crypto-users are interested, curious, and already friendly with the concepts of blockchain. Yet, those **people have lost 20% of assets** because of incorrect manipulation, we can expect this number to rise if we tap into users that aren't very familiar or reluctant to use digital tools.

If we also take a look at the ratio of daily traded volume, only 5.7% of daily trades are happening on **DEX** (Decentralized Exchanges: Serum, UniSwap, PancakeSwap, etc.), meaning the vast **majority of users are still using CEX** (Centralized Exchanges:

Binance, Crypto.com, etc.). CEX provides no true ownership & control to users over their portfolios.

OneAuth will allow users of all applications (centralized or decentralized) to have access to the same tools, **connect to all blockchains on all platforms seamlessly and in a safer way**.

All this started because water beats electricity.

I remember being at my desk, Monday morning, I have a very long week to be starting and a lot of work to do. I sat at my chair and something that never happened for years just occurred to me, I didn't lock my water bottle.

Guess what?

It spilled all on my computer that just died in front of my eyes. All these things I need to do today or this week just vanished...

I then looked over my laptop and read for the hundred's time: "store private key". But this time I knew that reading this paper would have a different flavor...

I just have lost everything including my Defi staking and liquidity tokens but most of all there was this game, I spent a year collecting the very finest heroes for my team and was at the gate of the top 100 leaderboard. All this has vanished in seconds.



PROBLEMS

02

2.1 Accessibility on Mobile Apps

Blockchain is a rising technology that is yet to be experienced at its full capacity, especially when it comes to **Mobile Apps**. This is a whole market that needs to be conquered. Nowadays phone apps can't interact with the user's wallet because of many technical issues.

2.2 Cumbersome

Even though centralized exchanges take care of private keys on the user's behalf, they don't allow to **connect & interact with DeX/DApps**. Only use case with a centralized exchange wallet is to send or receive coins/tokens from or to the exchange.

Though this technology is bringing some new mechanisms for peer-to-peer interaction, individual chains are making separate communities and nowadays there is no real way to **connect them all together seamlessly**.

*"Tomorrow is your reward for working safely today, **OneAuth** takes care of it to give you today's best experience"*

2.3 Safety

The foremost issue is that decentralized applications assume that individuals are fully qualified to ensure safety & accountability for their private keys. This leads to the user being on the edge of losing his/her portfolio by having to store and secure their access. Even a **lack of attention or mishandling of passphrases can lead to the loss of an entire portfolio**.

2.4 Transaction Information & Validation

Today there is a **lack of transparency** for the user as he has no information about the transaction he's signing. Data is not displayed to the users in a comprehensive manner, some information is only accessible after the transaction is completed.

Additionally, adequate and established security tools like **multi-factor authentication** are yet to be implemented to validate any transaction before releasing it permanently on chain.

What could I have done better? I asked myself
Storing on a paper is irrelevant, I would be completely unable to find the paper when I need it, what if someone finds it?
Maybe I can use a cloud?
I saw so many people getting their accounts stolen because they stored it this way...
If only I could use a centralized wallet to have access to my game and defi... Maybe that's the solution?
Let me call Gary! (Who's Gary you may ask? He's your guardian, your asset saver but just you don't know it yet!)



SOLUTION



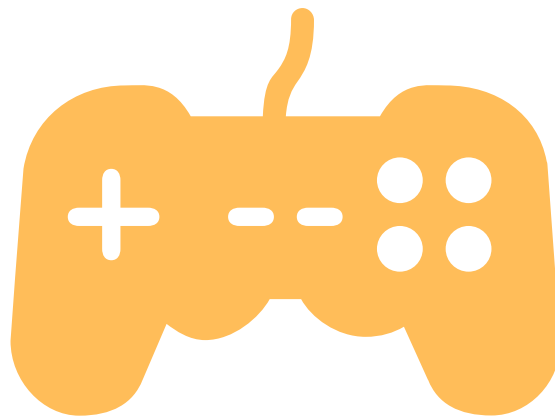
03

3.1 Simple For Blockchain Projects

Our goal is to provide any platform (Web2, Web3 and API/mobile projects) with the **best tools to easily use blockchain** (especially for mobile applications) in a secure and transparent way.

This tool enables any platform to develop their product in complete cooperation with the user without putting the accountability on them to store sensitive data (Private Key), saving the team some serious development time.

Integrating OneAuth with any new or existing app/Dapp would be a matter of minutes.



3.2 Safest Way Of Holding Your Assets

Security is the key factor of the project. Our focus will be on securing the private key on one end and validating the user identity on the other end to use his funds.

OneAuth will use the best of **the best security** practices to safeguard users' data. As per the best security practices, there will be regular security audits to ensure that we are always ahead of the security curve.

3.3 One Place to Monitor All Assets

The product OneAuth will also be providing is a platform where users can login and have an **overview of all their assets across all blockchains**. They will be able to safely receive, send and call specific Smart Contracts from their page still using their email and 2FA as proof of ownership of their account.

Gary called me the next morning:

"I have a good news! And it works like a breeze!"

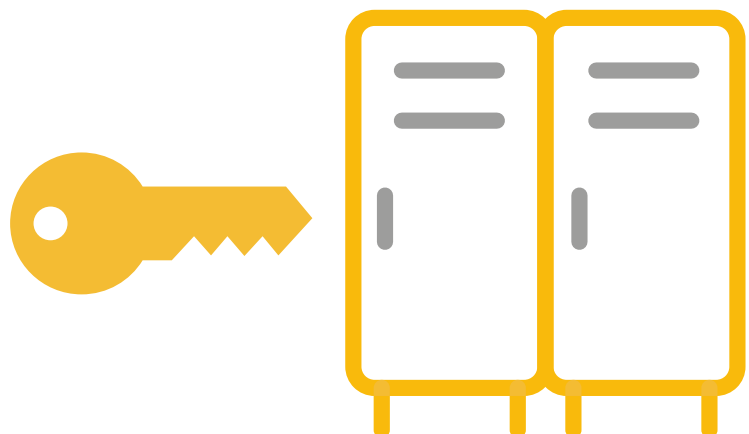
I was feeling his excitement but I couldn't help myself believing he made it to the hundred best players.

"Come-on Champ we have a better game to play!"

I created a semi-centralized storage that holds any private key but needs the owner's 2FA in order to validate the transaction and give access to Defi and Gaming!

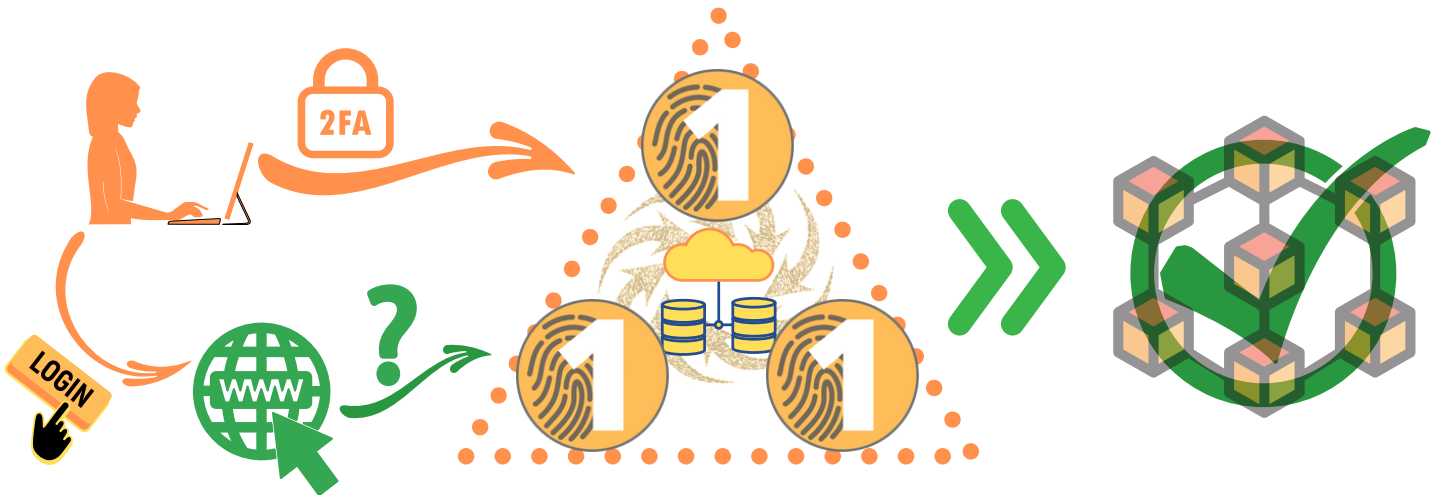
He shared a link with me asking me to enter my address, it was a very simple-looking website but I knew that was an overnight job.

I connected my Gmail account and I found a simple interface displaying different blockchains and different assets, I was confused because I just logged in with my mail? Is that the solution?



3.4 Security for everyone

OneAuth is using a mix of cognito, AWS secure server and Shamir sharing sharding to make sure user's credentials are secure, hard to access and can be easily recovered by the user.



3.5 Backed Up To Match Any Odds

For any user that keeps their funds with an authentic **OneAuth** wallet, an **insurance** will be taken to **reimburse** any loss done by hacking, fishing or any other issue.

Our goal is to make decentralized markets and assets **extremely safe** and stress-free allowing the user to forget the risk of losing their portfolio at any time.

"When safety is first, you last"

3.6 Easy payment

One Auth will enable any user to **create a link** they can send to anyone choosing what asset they want to get paid and on which blockchain to share to the payer. This link can be used once or multiple times making the process free from copy errors or wrong asset transfer.

3.7 Blockchain Dapps In Your Phone Seamlessly

Despite the need to develop blockchain applications on mobile interfaces, at the moment cryptographic assets are not mobile-friendly as they lack seamless integration tools to ease their development. There is no such possibility to use DApps without compromising the keypair by sharing to the platform or using multiple phone apps at the same time.

OneAuth is enabling any platform to **safely use** our tools to interact with the user's assets without sharing the keypair but allowing the user to be the decisive authority regarding his funds. This allows mobile apps to **only focus on building** the best user experience and solve a specific problem without having to deal with the strictness of blockchain.

In one night he created what will be the one of the most used wallet in crypto, a semi-decentralized wallet that can connect to every single application in blockchain with the highest standards of security.

Like Metamask but I can lose my private key, retrieve it and the platform doesn't have access to it, brilliant!

I was speechless, we were starting a whole new game.

"We have a new leaderboard to climb champ, Coinmarketcap's! And the best part is that we can onboard our community now, it's not just the two of us!".

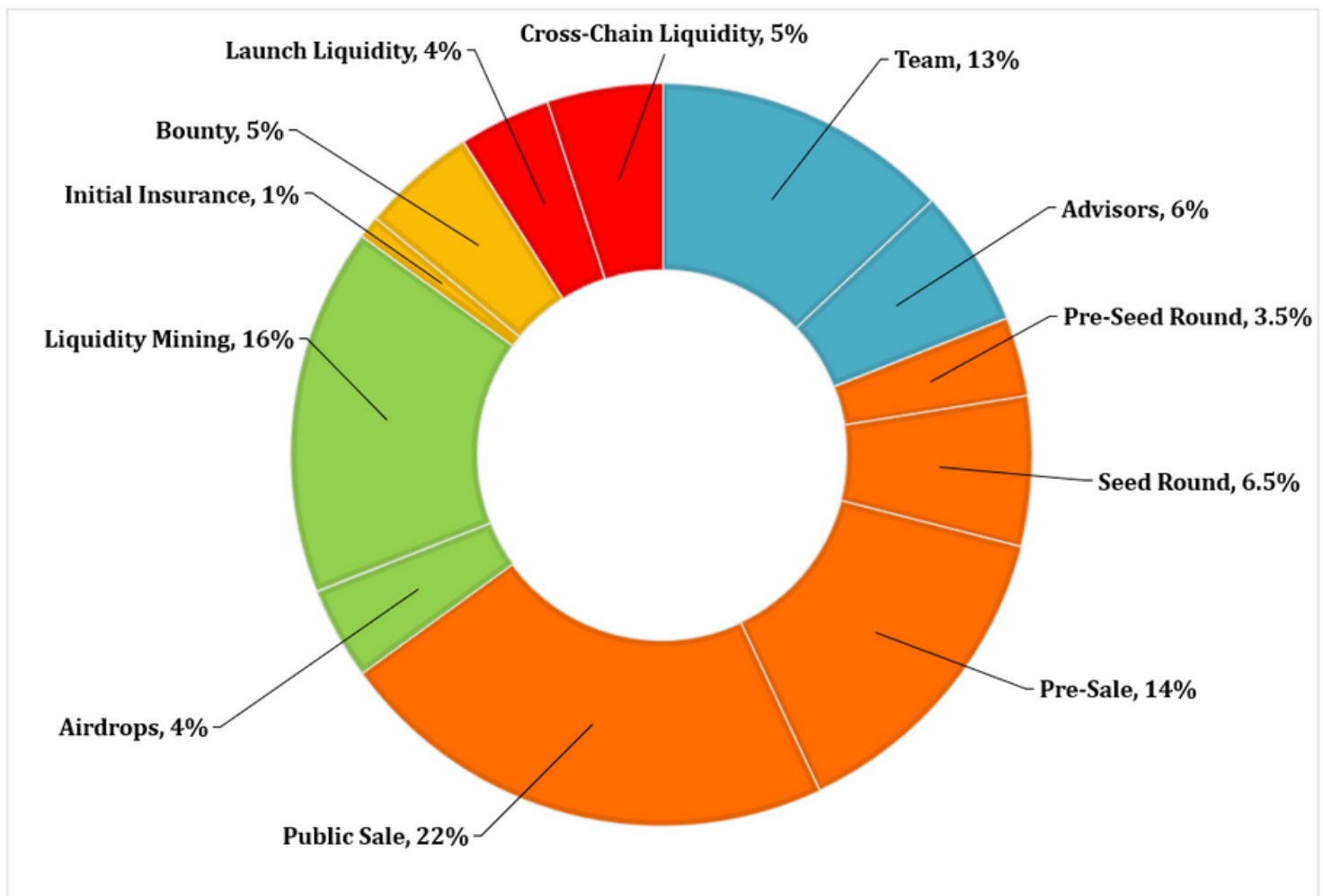
OneAuth will be leading the mass adoption of blockchain.

TOKEN

04

Tokenomics

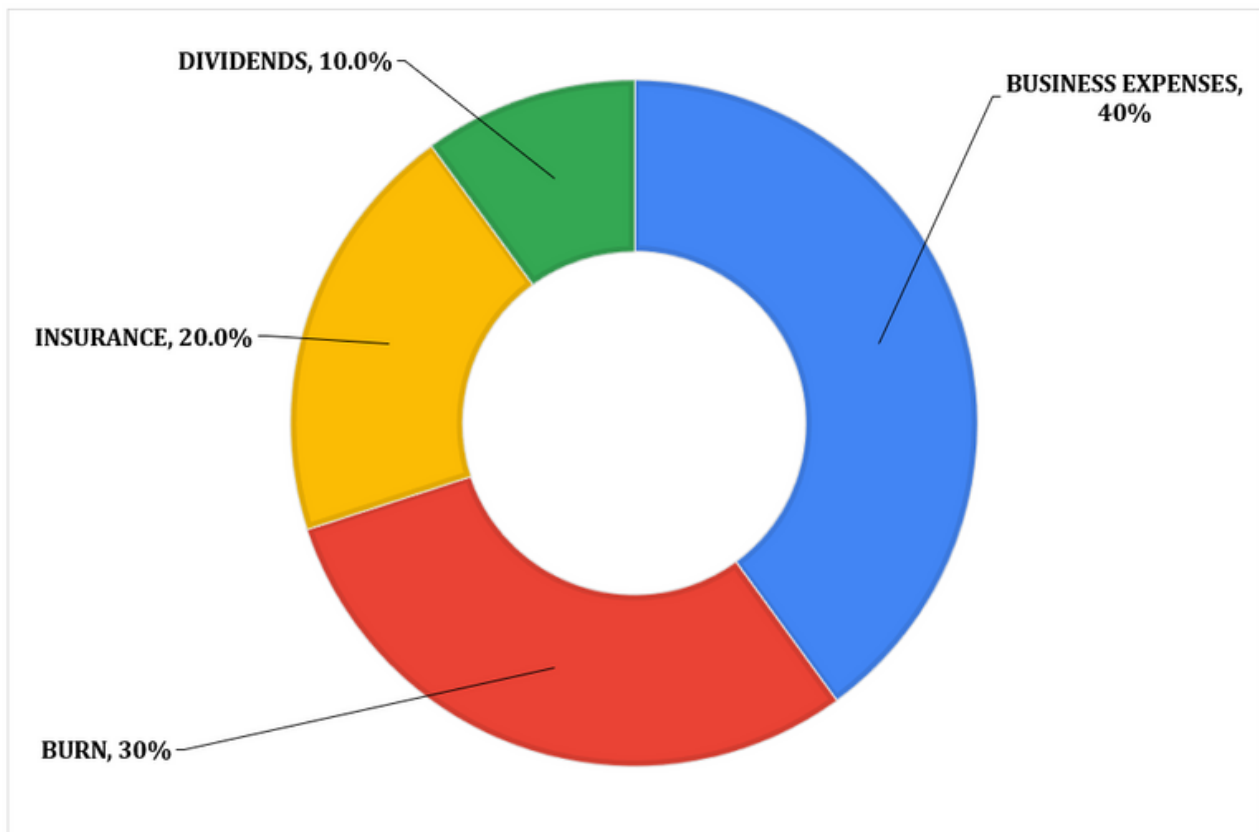
Team	13%	Airdrops	4%
Advisors	6%	Liquidity Mining	16%
Pre-Seed Round	3.5%	Bounty	5%
Seed Round	6.5%	Initial Insurance	1%
Pre-Sale	14%	Launch Liquidity	4%
Public Sale	22%	Cross-Chain Liquidity	5%



Tokens are vested between 1 and 3 years and unlocks linearly *

Transaction Fee 0.09%

Business Expenses	40%
Burn	30%
Insurance	20%
Dividend	10%





Token Economics

Team	13%	Locked for 1 year after public sale and daily linearly unlocking for 2 years
Advisors	6%	
Pre-Seed Round	3.5%	Locked until one month after public sale is concluded then unlocks daily for 12 months
Seed Round	6.5%	
Pre-Sale	14%	
Public Sale	22%	
Airdrops	4%	
Liquidity Mining	16%	Incentive mechanisms
Bounty	5%	Reward for finding errors, bugs ...
Initial Insurance	1%	Locked until security gets compromised
Launch Liquidity	4%	Unlocked after Public sale providing liquidity on Solana
Cross-Chain Liquidity	5%	Unlocked after Public sale providing liquidity to the different blockchains we integrate