

SHIELD PROTOCOL



    @shield2protocol

www.shieldprotocol.org



SHIELD PROTOCOL

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INTRODUCTION

SHIELD 2FA

FIRST 2FA ON BLOCKCHAIN (BSC)




Shield is a Two factor authentication that is on a server-less p2p architecture on top of blockchain where every log is recorded on to a decentralised ledger for transparency and none of the data that can help in identifying an user would be collected in the application, which help users in terms of privacy and anonymity and by using blockchain the whole system would be tamper proof.

Shield 2FA is the First 2FA in its class which saves user secrets on Blockchain. Shield protocol preferred Binance Smart Chain for this.




NEED FOR SHIELD 2FA ON BLOCKCHAIN

In every centralised apps today we are facing with issues that are concerned with our data they have. There have been number of data breaches despite many secure setups companies are using, there is always a hole in centralised system that give way for hackers to enter and perform breaches. Even sometimes if business uses very safe and secure system then also breaches happen due to internal leakages. Data breaches are on rise and we can see number of Data on darkweb being posted after hacks including username and password, only people using 2FA get away from their login been used by hackers but still end up leaking their personal email and password that they might have used in any other account with no 2FA.



Shield 2FA is trying to eliminate the use of personal details for login and even eliminating centralised storage and replacing it with cross chain blockchain, so a system which will not take any personal detail or use any centralised storage but will still solve the purpose and will showcase the actual use case of blockchain.





SHIELD PROTOCOL FEATURES



FAULT TOLERANT:

As there is no single node controlling the data transaction and data records in the P2P decentralised network, there is no single point of failures in SHIELD 2FA. Its distributed nature supports this very strongly.



NO INTERNET CENSORSHIP:

It Controls and prevents Internet Censorship violation as there is no central controlling authority owning this SHIELD network. So if someone tries to manipulate with data sets in their favor it is practically not possible. Any government authority if it tries to block any DApps, it will not be possible as the app doesn't lie on any particular I.P address being decentralised in nature.



ENHANCED TRUST ON THE SYSTEM:

As no single entity owns the apps it helps users to have confidence and trust on the SHIELD 2FA system against data theft and manipulation.



BUILT ON BINANCE SMART CHAIN:

Shield 2fa is being built on BSC.



SHIELD PROTOCOL FEATURES



STRONG ENCRYPTION:

AES-256 bit encryption with PBKDF2 SHA-256 has been implemented to encrypt data before backup.



Back up on Blockchain:

No centralised storage infrastructure used to store the backup as no centralised storage is safe against attacks



Staking rewards:

Users can stake and earn Shield tokens though staking available on website and even in app.

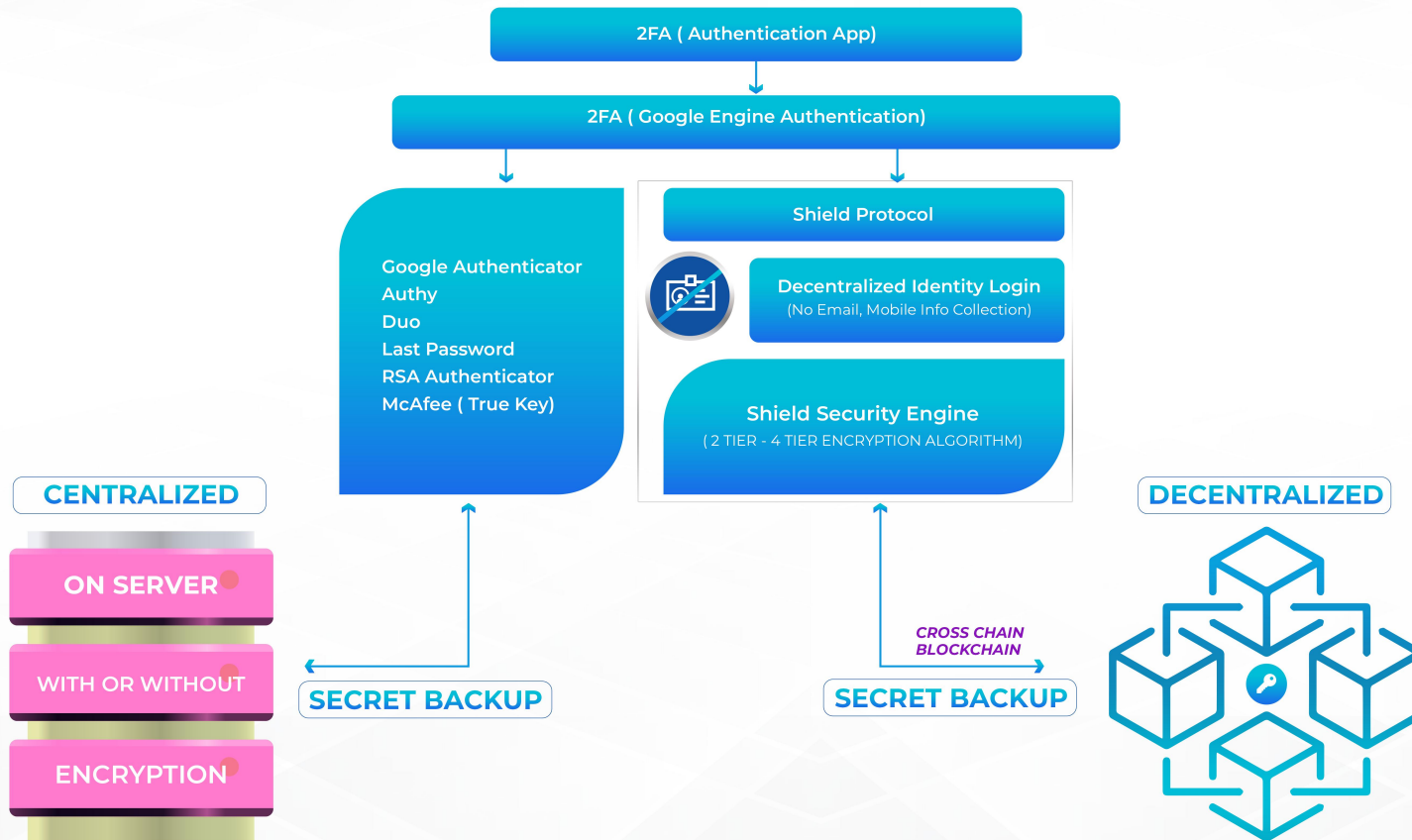


No Data Collected:

Shield does not collect your personal data like Email, Mobile number or name. Leaving your privacy to you unlike other 2FA apps.



HOW WE ARE **DIFFERENT**



COMPETITOR COMPARISON



SHIELD

AUTHY

GOOGLE Authenticator

OFFLINE MODE

Yes

Yes

Yes

LOG IN

Decentralised login

Personal Data

NA

APPS

Yes

Yes

Yes

EXTENSIONS

Yes

Yes

Yes

BACKUP

Blockchain

Centralised

NA

PERSONAL DETAILS
FOR BACKUP

Decentralised login,
No Email or Number

Yes, Email or Mobile
Number

NA

ENCRYPTION

Yes, 2-TIER, 4-TIER

Yes

NA

STAKING REWARDS

Yes

No

No

CRYPTOCURRENCY
SUPPORT

Yes

No

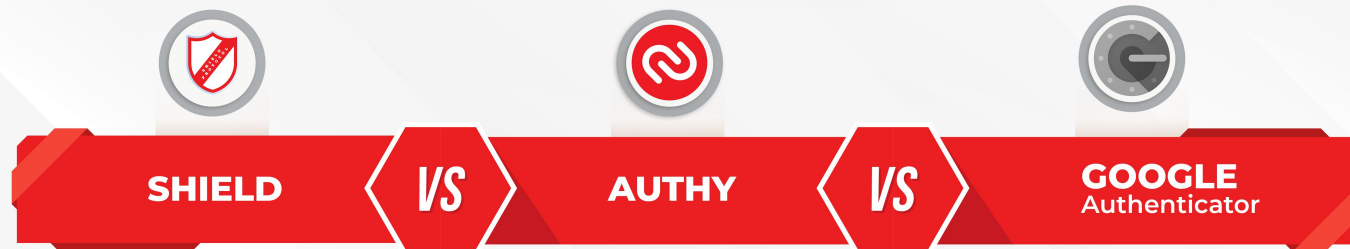
No

CRYPTO WALLET

Yes

No

No



Google Authenticator does not provide with backup feature in case you lose your phone or delete app you lost everything.

Others like Authy, provide centralised storage for backup for which they collect personal details. Plus centralised storage are always prone to Data breach just search “Data Breach” you will know. Plus personal info collected by companies is used against users, there are many examples you can search.

Shield App doesn’t collect any personal details or data and store your backup on blockchain. If you lose access of phone or delete app just you need pvt key of your connected wallet and you can restore all secrets.

Also Shield is First 2FA on Blockchain making it most advanced 2FA in the world and more secure and more feature loaded than Google auth, Authy and others

Shield is compatible with to use with Binance, coinbase, Facebook, Twitter, Amazon, Gmail and list goes on.

Not to forget:- Every user in the world can use Shield App to secure their online login on any website in the world which provide 2FA facility.

SHIELD APP ECOSYSTEM

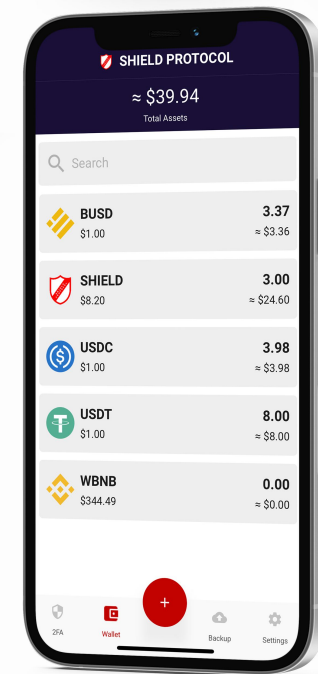




SHIELD WALLET

SHIELD *Wallet* is the additional tool in SHIELD protocol app next to 2FA. Shield wallet will support only BSC wallet and related tokens initially.

Further moving Multi Coin wallet can be created inside app after integration of more ***Blockchains***.

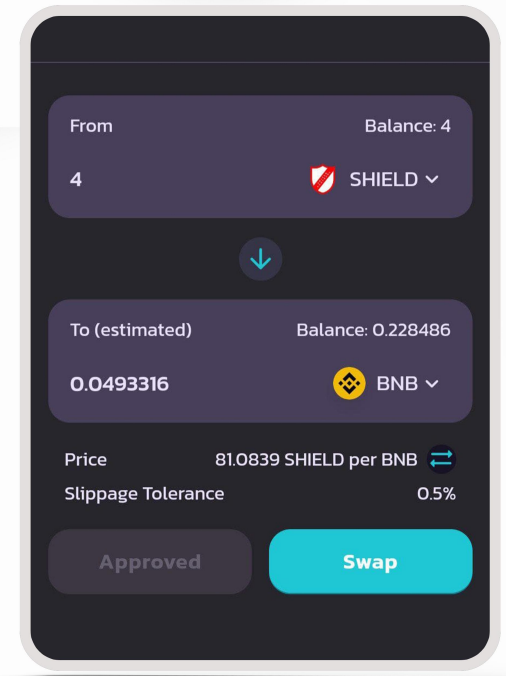




SHIELD SWAP

SHIELD SWAP will be available for users in side the Shield app for easy swap. Initially BSC will get early support in SHIELD swap with plans to integrate more chain so users can have more option while trading.

Initial support for the SWAP can be through integration under strategic partnership with leading AMM DEX in BSC.





SHIELD STAKING

SHIELD STAKING will feature single asset staking which will be available inside Shield App.

Different types of single assets staking pools will give users option to earn SHIELD or any other partner tokens by staking SHIELD.



SHIELD POOL

Deposit: SHIELD

Earn : SHIELD

ROI : ???

Stake

MULTI BLOCKCHAIN BACKUP

SHIELD app will provide support for multiple blockchain backup support. At present Binance Smart Chain has been already integrated and working.

In future more blockchain will be added so users can choose their favourite blockchain to store their secrets.





SHIELD TOKEN UTILITY

The SHIELD Token is the native cryptocurrency that powers the Shield ecosystem of products. SHIELD has utility in the current product and continues to add more utility with more tools launching.



FEES:-

Use your shield token to pay for blockchain usage fees. Securing your secrets will come with small fees that can be paid in SHIELD token.

Whitelisting new token in Shield wallet comes with fees paid in SHIELD token.



STAKING REWARDS:-

Shield users can stake their tokens to earn rewards in shield token or in future partner tokens



BONUS:-

Shield token holders will be rewarded under different reward programs that will be launched time to time.

ROADMAP



Community building
BEP20 Smart Contract
Deployment
BEP20 Smart Contract Audit
SHIELD Token (Pre-Sale)
Product Launch - (Phase 1)
Mobile apps - iOS, Android
SHIELD Wallet (Phase 1)
DEX Listing
Marketing & Partnership
Campaigns

Q1 2021



Staking Program
Liquidity Pools
SHIELD Wallet (Phase 2)
More Exchange Listings &
Partnership
Binance Smart Chain Mainnet
Shield App features Integration
& Usage on BSC (Phase 2)
In-App Staking Program for
Shield Token

Q2 2021



Desktop Apps - Windows &
MAC OS
Browser Widget launch
Desktop app for Linux
In-app Staking Program for
more tokens.
Aggressive Social Marketing
Campaign
More Pools addition
Creating more telegram
groups with native language
support.

Q3 2021



Second (another) Security
Tool addition in app
Shield features Integration &
usage on Polkadot & Other
Chains.
Forming partnerships with
key industry players.
Hosting virtual meetups for
awareness.
SHIELD SWAP
Marketing & Partnership
Campaigns

Q4 2021



SHIELD 2FA

is now active on

BSC MAINNET



FIRST 2FA ON THE
BLOCKCHAIN IS *launched.*



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