SHIELD PROTOCOL

@shield2protocol

www.shieldprotocol.org

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SHIELD PROTOCOL
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SHIELD 2FA
FIRST ON BLOCHCHAIN

Shield is a Second Layer Security Platform which introduced First Two Factor authentication that is on a server-less P2P architecture on top of the blockchain where every log is recorded on to a decentralized ledger for transparency and none of the data can help in identifying an user is collecting in the application, which help users in terms of privacy and anonymity. Using blockchain in Shield 2FA, the whole system is tamper proof.

NEED FOR SHIELD 2FA ON BLOCHCHAIN

In every centralised app today, we are facing issues that are concerned with our data. There have been a number of data breaches despite many secure setups companies are using, there is always a hole in the centralised system that gives way for hackers to enter and perform breaches. Even sometimes, if a business uses a 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 dark web 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. Shield is not taking any personal detail or uses any centralised storage and showcasing the actual use case of blockchain.

ADDING SECURITY
LAYER ON BLOCHCHAIN

After Research, Shield Team introduced the 4-TIER Security algorithm, which is implementing during the backup and restore process. It means, before the user secrets backup process on a public blockchain, Secrets are encrypting into cipher text using cryptographic keys as per 4-TIER encryption model Standard.The same way, the 4-TIER Decryption process is implemented during restore Secrets from Public Blockchain. During implementation of the 4-TIER Security Model, Shield Implemented WEB3 Technology on Cipher Text. This entire process is executed in a decentralized manner.

VISION

Our vision is to make Shield 2FA widely adopted by users of crypto exchanges and social media channels or say our target is to reach each and every internet user. 2FA Authenticator play a very important role in exchanges and none of the 2FA authenticators are on blockchain right now and Shield 2FA being a decentralised application on top of blockchain who give us an edge to attract 100 million+ users, who uses exchanges and even use other 2FA apps that are centralised, that collect their personal info and put their security keys on centralised clouds which are many times being hit with cyber attacks and users being. Also our target is all users using social media and who use online financial data. To reach these users we have very well planned marketing and partnership plans that will be executed according to schedule.

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.

BUILD ON MULTI BLOCKCHAINS

Shield 2FA is being built on top multi blockchains like BNB Chain, Polygon Chain, Optimism Chain and WanChain.

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

2FA (Authentication App)

2FA (Google Engine Authentication)

- Google Authenticator
- Authy
- Duo
- Last Password
- RSA Authenticator
- McAfee (True Key)

SECRET BACKUP

CENTRALIZED

ON SERVER

WITH OR WITHOUT

ENCRYPTION

Shield Protocol

Decentralized Identity Login

(No Email, Mobile Info Collection)

Shield Security Engine

(2 Tier - 4 Tier Encryption Algorithm)

SECRET BACKUP

CROSS CHAIN BLOCKCHAIN

DECENTRALIZED

COMPETITOR COMPARISON

	SHIELD PROTOCOL	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

SHIELD PROTOCOL VS AUTHY VS GOOGLE AUTHENTICATOR

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 2FA

SHIELD WALLET

SHIELD SWAP

SHIELD NFT SWAG

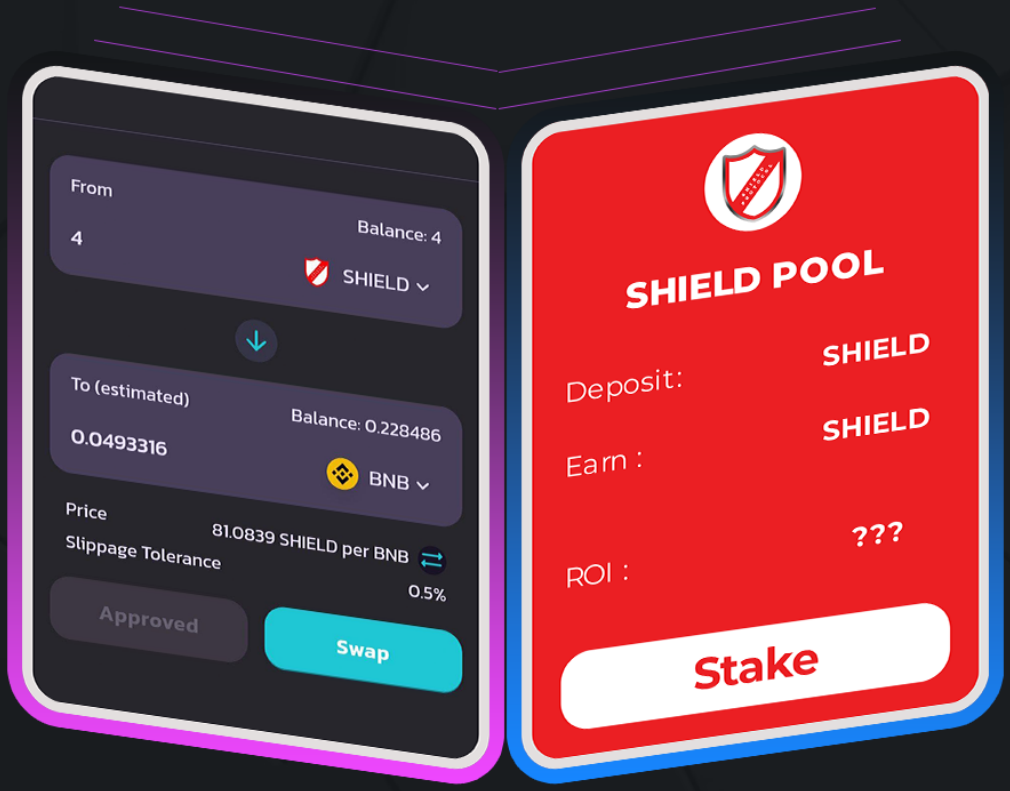
SHIELD STAKING

GAMING PLATFORM

MULTI BLOCKCHAIN BACKUP

SHIELD WALLET

SHIELD Wallet is the additional tool in SHIELD Protocol App, next to 2FA. Till now, Shield Protocol integrated 18+ top blockchains for Wallet Services includes BNB Chain, Polygon Chain, Avalanche Chain, Fantom Opera Chain, TomoChain, Ethereum, REEF Chain, Meter Chain, Kucoin Community Chain, WANCHAIN, Telos Chain and OPTIMISM.



SHIELD SWAP

SHIELD SWAP will be available for users inside the Shield App for Easy SWAP. With different partners' collaboration, Mainnet integration will be done for SWAP Process.

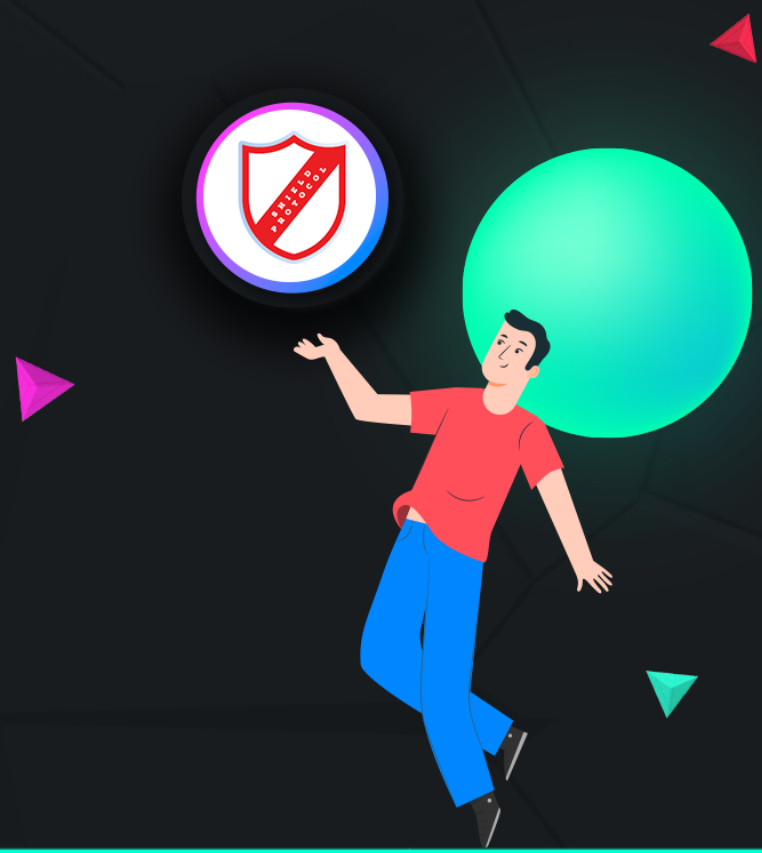
SHIELD STAKING

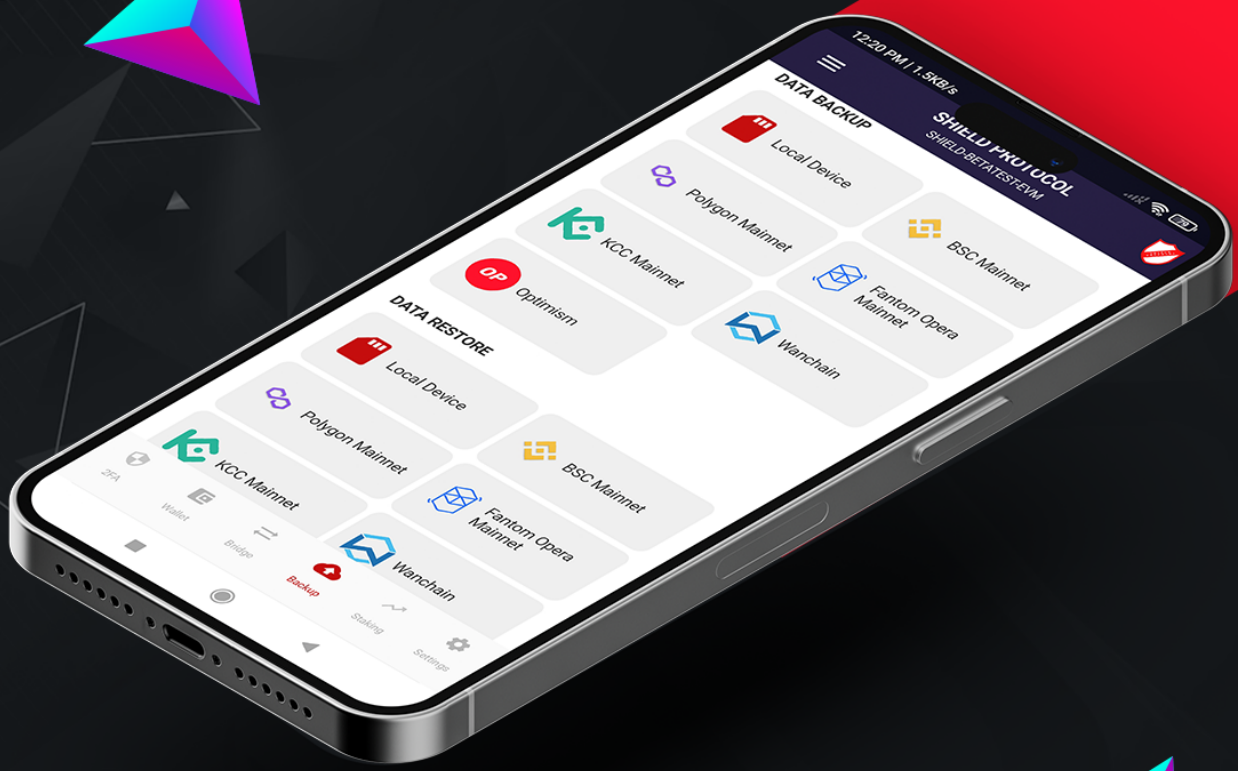
SHIELD Staking is another feature inside Shield App. Users can stake SHIELD Tokens to Earn Shield Tokens with Fixed APY.

Further, More Pools will be opened, in which Users will be able to earn rewards with Partners Coins/Tokens.

SHIELD BRIDGE

SHIELD BRIDGE enables secure cross-chain communication through its universal interoperability model. It enables an exchange of cryptocurrency from one blockchain network to another with the flow of coins or tokens across what would otherwise be siloed sets of data on different blockchains.





MULTI BLOCKCHAIN BACKUP

SHIELD App is providing support for multiple blockchain backup support. At Present, 6 top blockchains are already integrated and working.

In future, more blockchains will be added, so users can choose their blockchain on the basis of different factors like scalability, cyber-security, transparency, reliability, traceability and cost effectiveness to store their secrets.

SHIELD NFT SWAG

Aside Security Platform, Shield Protocol is releasing GameFi domain in a different web portal (www.shieldapegang.com). Shield is releasing SWAG NFT Collections with the theme of 'Shield Warriors' in which APE GANG will be introduced with different Weapons. The story behind SWAG will be Warriors Land, which is the big upcoming platform.

GAMING PLATFORM

In the GameFi domain, on the basis of the SWAG NFT Series, SWAG Games will be released. In this platform, WEB3, Gaming and Decentralized Finance (DeFi) will be developed with the integration of multi blockchains.

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

Users need to pay one time 10$ equivalent SHIELD Token to buy a SHIELD Subscription to use 2FA on Multi Blockchain.
Use your shield tokens to pay for blockchain usage fees. Securing your secrets is coming 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 launched time to time.

OUR CORE TEAM

Shield Protocol is a team of professionals with 14+ years experience in blockchain, cyber security and artificial intelligence. Team has a strong technical background.

RAHUL SHARMA

Co-Founder & Chief Executive Officer

/ @rahulsharma0856

www.rahulsharmaa.com

Rahul Sharma is Founder & CEO at SHIELD PROTOCOL and an accomplished leader with extensive go-to-market experience working with start-ups and global tech businesses in North America and Asia. He is also Founder & CEO of Data Intelligence Protocol Limited company leader in cyber security solutions and information technology respectively.

He is Experienced Security Data Scientist with a demonstrated history of working in the Data Research Industry from the last 15 years. He is skilled in Cyber Security Consultant, Artificial Intelligence & Simulation and Multi Cloud Computing. Currently, He is working in major Cyber security Platforms/Tools under the field of data research and development.

AMIT KUMAR

Chief Technology Officer

/ @amitkumar179

/ @aklazy

Amit Kumar is a Chief Technology Officer at SHIELD PROTOCOL. He has 10+ years of total experience in developing software using Microsoft Technologies like – .Net, asp.NET with C#, Solidity, WEB3, Angular, Blockchain, SQL Server, SSRS, Crystal Reports, Linq, ASP.NET MVC, Rest API, Xamarin.Forms, Xamarin.iOS and Visual Studio.

SHIELD PROTOCOL

OUR TECHNOLOGY PARTNERS

- BINANCE SMART CHAIN
- ETHEREUM
- TELOS
- OPTIMISM
- POLYGON
- AVALANCHE
- METER
- FANTOM OPERA
- REEF
- KUCOIN
- TOMO CHAIN
- WANCHAIN

APP DESIGNS

SHIELD PROTOCOL
SHIELD-BETATEST-EVM
DATA BACKUP
Local Device
Polygon Mainnet
KCC Mainnet
DATA RESTORE
Local Device
Polygon Mainnet
KCC Mainnet
Total Assets
AVALANCHE (ARC20)
$20.72
BNB (BEP20)
$315.54
CRO (CRC20)
$0.087957
ETH (ERC20)
$1700.97
FTM (FTM)
$0.526211
MATIC (POLYGON)
$1.47
MTR (MTR)
$0.946808
OP (Optimism)
$2.59
Available
25.8167
Locked
0
Redeem Date
Jul 17, 2023 20:23
APPROVE SHIELD
STAKE
UNSTAKE
ProtonMail
shield2protocols@protonmail.com
103 570
Binance.com
shield2protocol@gmail.com
897 666
Twitter
@shield2protocol
422 306
LinkedIn
shield2protocol@gmail.com
625 181
Google
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663 817
Amazon
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