for Decentralized Applications





.

Privacy is dying on Internet



Facebook Over 50 million user data leaks



More than 100 million personal information of Korean KB National Card, Lotte and NH companies leaked

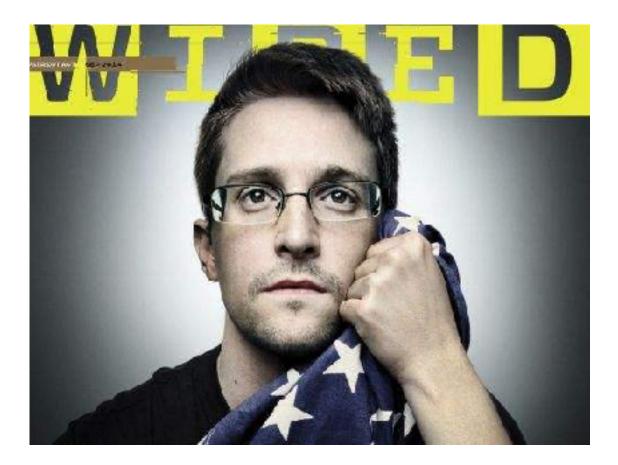






Tumblr Over 65 million passwords leaked

Linkedin Over 167 million accounts are sold publicly on the black market



Ex–FBI agent, prisms Google, Yahoo, Microsoft, Apple, Facebook, AOL, Paltalk, Skype, YouTube are involved in espionage

How about Privacy in Blockchain?

Once the user leaks the wallet address, the assets and transaction records are transparent.



0xb092925D2F39B063cfAD83560fc7d2af179d5776



0x2fe08c116e8aeb9	IN	0xb092925d2f39b0	0.05605351 Eth
0xb0c91f7ebba45b	IN	0xb092925d2f39b0	0.1 Ether
0xb092925d2f39b0	OUT	0xb7e0c4ef367ac0c	0.3 Ether
0xb0c91f7ebba45b	IN	0xb092925d2f39b0	0.3 Ether
0xb092925d2f39b0	OUT	0x71cadc4e9b009e	0.005 Ether
0xb092925d2f39b0	OUT	🖹 0x2df4031060e27fa	0 Ether

Fully transparent transaction in Blockchain



Why Privacy in Blockchain is more serious?

For personal users:

Stealing data from centralized server is ILLEGAL, but fetching data from Blockchain is FREE

Most of the data on blockchain is asset.

Privacy becomes the biggest stumbling stone to the development of Blockchain



For commercial companies:

Laws of privacy protection, such as GDPR, cannot be satisfied

Can't hide your business secrets in front of competitors

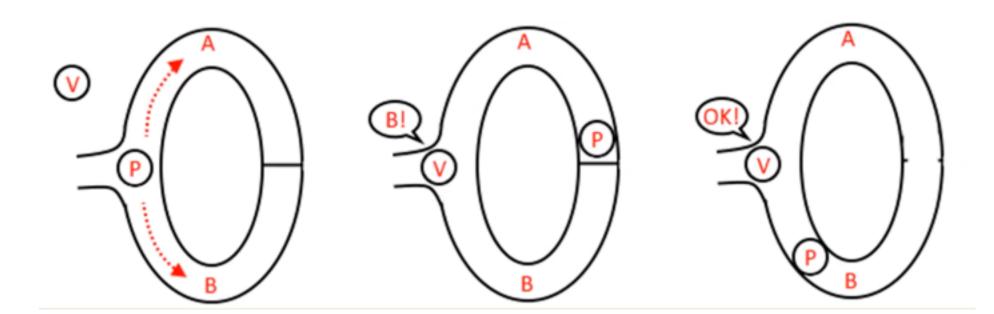




Zero - Knowledge Proofs (Best solution for Privacy)

What are Zero- knowlege Proofs?

a method by which one party (the prover) can prove to another party (the verifier) that a given statement is true, without conveying any information apart from the fact that the statement is indeed true.







Zero-Knowledge Proof is the most POWERFUL solution for Privacy Protection, although it's most difficult.

— Vitalik Buterin, Founder of Ethereum, 2017



ZERO KNOWLEDGE PROOF

CASH



JASH



RING SIGNATURE

PRIVACY COIN IS THE HOTTEST AREA IN 2019

UNABLE TO SUPPORT SMART CONTRACT... MEANS DAPP STILL CANNOT HAVE PRIVACY PROTECTION FUNCTIONS

Current hottest Private coins





MIMBLE WIMBLE

MIMBLE WIMBLE



So Now, We have SERO



SERO = Super ZERO

1) World's first Private Coin Support Smart Contract

World's first pl
 Coins to make D

3) World's fastest ZKP encryption library - 'Super-ZK'

Truly Privacy Protection Platform for Decentralized Applications

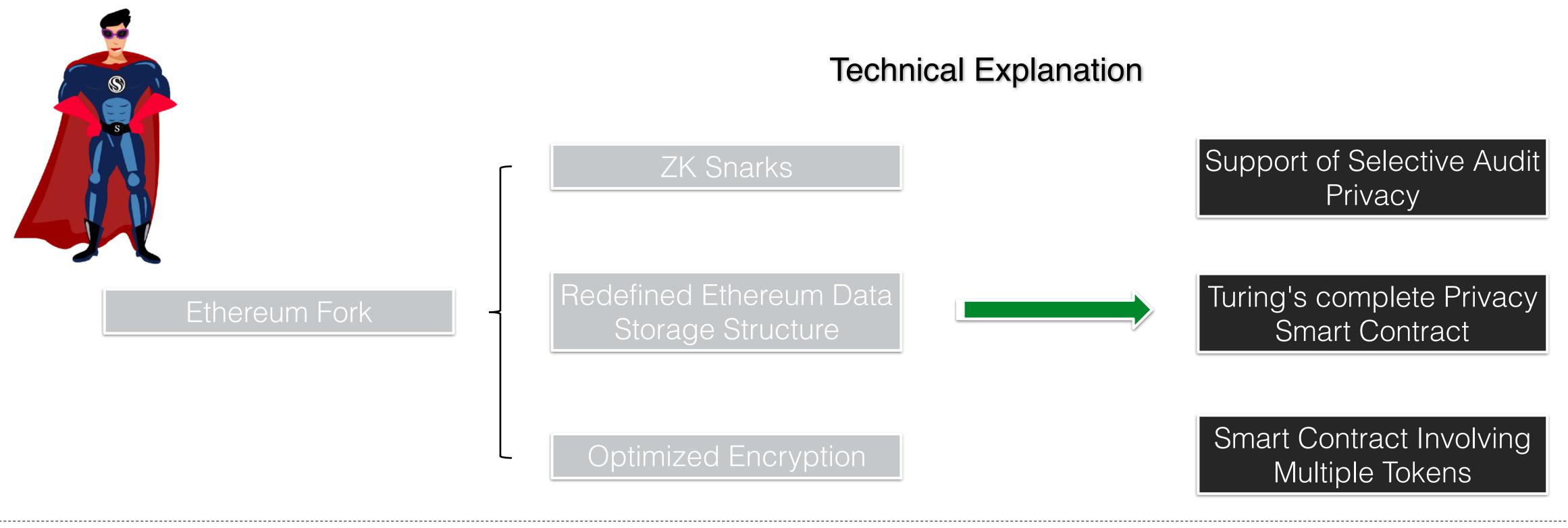


2) World's first platform which developer can issue Private

Coins to make DApps have privacy protection functions



What's SERO?







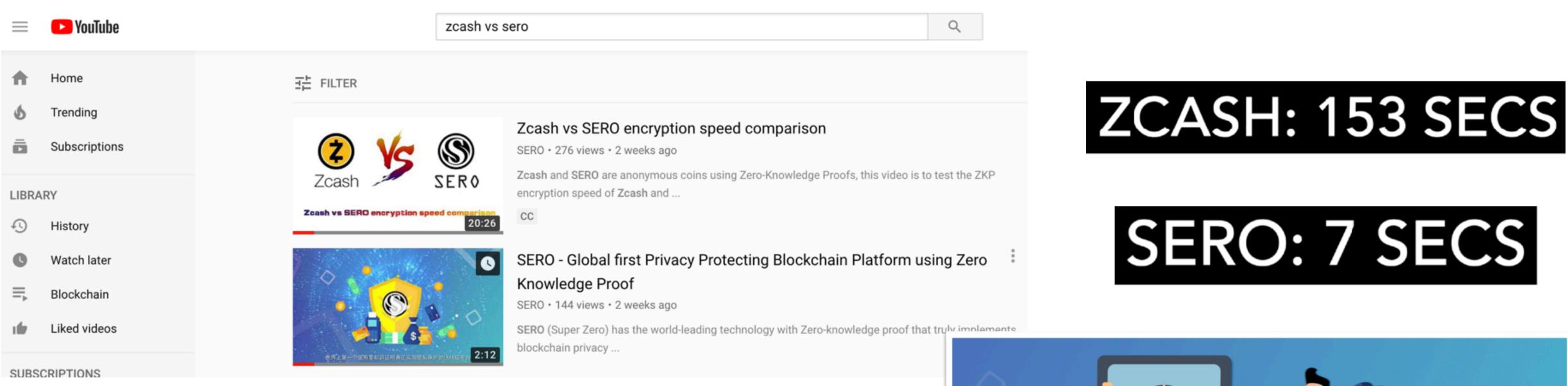


Easy Explanation

The Best of Both World: Public & Private Blockchain

- **Decentralization of Public Chains**
- Privacy of Private Chains

We greatly improved the encryption performance of ZKP



'Zcash vs SERO encryption speed comparison' in YouTube

ABOUT 20X FASTER IS PROVED (21.85X)

times faster than the latest version of Zcash







Video shows that on the same computer, ZKP encryption speed of SERO is more than 20





Core Team



CEO

Ex–Big Data search engine developer in Lycos, ex– Cofounder of Apsense.com, a serial entrepreneur, Mentor of SOSV accelerator in Silicon Valley, ex-Vice president of Pegasus Investment Group, years of experience in the venture capital industry, Co-sponsor of GLAB blockchain Greeks Club.



Jason Pope

COO

Ex–CTO of a prominent online mapping company DingDingMap, Ex-CTO & Co-founder of an automotive e-commerce corporation Che.com and financial VP and CTO of a public traded organization Chinaredstar.com, a senior contributor at GLAB blockchain Greeks Club.

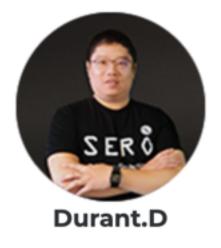




American Chinese, graduated from Boston Wesleyan Women's College Computer Department, ex–Technical expert at Avaya, She then continued on to start-ups and social media companies, Co-sponsor of GLAB blockchain Greeks Club

Our team members consist of world's leading Block Chain technical experts and cryptologists







СТО

Ex–CTO of an acclaimed online travel company Ctrip.com, ex-Chief Architect of a prominent media streaming company Tudu.com, ex-CTO of an online B2B organization Travelzen.com with over 10 billion in sales, a senior contributor at GLAB blockchain Greeks Club.

Chief Architect

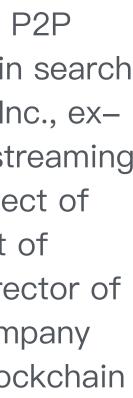
Core Developer of FlashGet(Famous P2P) download tool) and 3721 (Chinese domain search engine), ex-Senior developer of Yahoo Inc., ex-Technical Expert of a prominent media streaming company Tudou.com, ex-Chief Architect of Wandoujia.com, ex–Chief Architect of Travelzen.com, ex–CTO & Managing director of online business division in a listed company Wanda, a senior contributor at GLAB blockchain Greeks Club.



Aakash Verma

Community Manager

Have rich experience in operations of crypto projects, ex-community manager of many major crypto projects such as CoinBundle, DigiPulse.io and so on, handling different aspects of their operations. Be interactive with community fans and good at doing promotions and PR.





Angel Investor



Joined IDG as a senior partner since 1994; IDG's first honorary partner, the first batch of venture capitalists in China, Listed as Forbes " China's best venture capitalist" and " world's best venture capitalist" for several years

SuYang Zhang

SERO is his first investment in blockchain

"The SERO team is the most solid and technically intensive team I have ever seen. I hope that SERO will show the world's top technical strength and research and development results to everyone, and truly solve the privacy protection problem in the blockchain industry even the world through SERO."

----SuYang Zhang



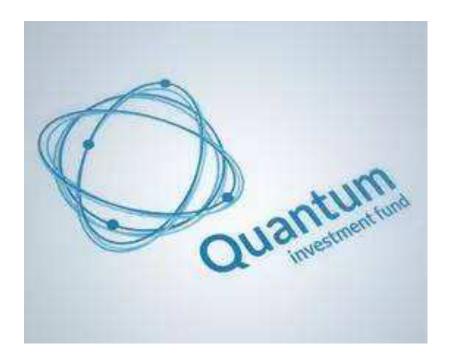


Investment institution

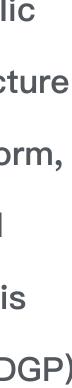


LD has strong resource advantages and investment research team, and has a deep layout in the global Blockchain industry. LD successfully invested in more than 100 excellent Blockchain projects, such as BTC, ETH, Qtum, Vechain, EOS, GXS, Achain, BeeChat, ELF, Ulord and so on. With three characteristics of global investment, key track investment and infrastructure investment, the team members are all over China, United States, Europe, Singapore, Japan, South Korea and other countries.





Quantum Investment Fund is set up by global well-known public chain Quantum, focus on investing great Blockchain Infrastructure projects. Quantum is an open sourced public blockchain platform, leveraging the security of UTXO while enabling multiple virtual machines including EVM and the revolutionary x86 VM. Qtum is PoS based and boasts a Decentralized Governance Protocol (DGP) which allows specific blockchain settings to be modified by making use of smart contracts. For instance, the block size of Qtum can be increased without the need of a hard fork.



S SERO		HOME BLOCKCHAIN -	Txhash / Block / Token GO	
SERO Global First BLOCKS 64320	TRANSACTIONS 29815	15 day SERO Transaction His		
Blocks	View ALL	Transaction	View ALL	
	kazaDmh6yys6	TX# 0xeeb8ca3cf4344d	bf26f87	
Block 64320 Minted By 3udACk 2018-12-04 14:36:31		From Sck4sHZC93rrz Amount 0 SERO		
Block 64320 0 txns in this block	%8tStZgiSD7FC7	From Sck4sHZC9Jrrz Amount 0 SERO TX# 0x8710053e46cfb4l From 390anPx65qxH Amount 0 SERO	SERC	O re
Block 64320 2018-12-04 14:36:31 Block 64319 O txns in this block	8tStZgiSD7FC7	TX# 0x8710053e46cfb4t From 390anPx65qxH	SERC	ase

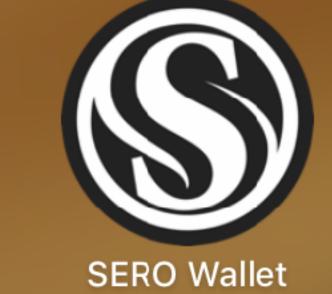
Current Development

We already opened our source code in GitHub. https://github.com/sero-cash/



eased 12 versions of AlphaNet, BetaNet, BetaNet and opened source in Github. SERO coin can be

d 1:1 mapped to MainNet.

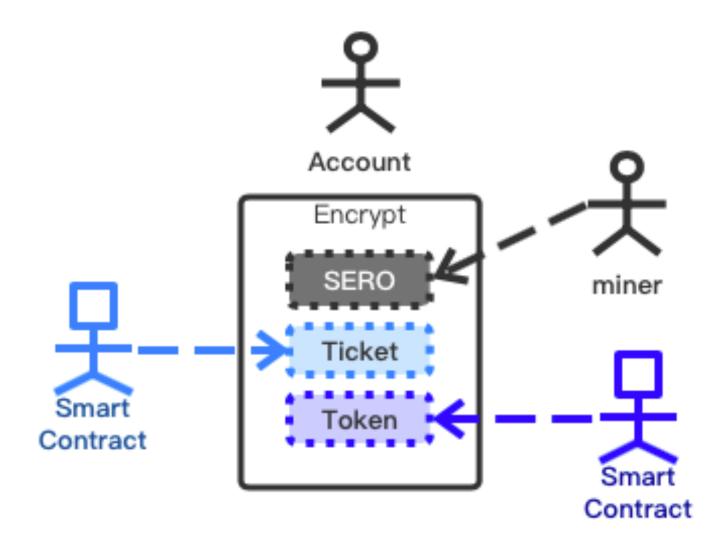


Support mining on windows/mac/linux.



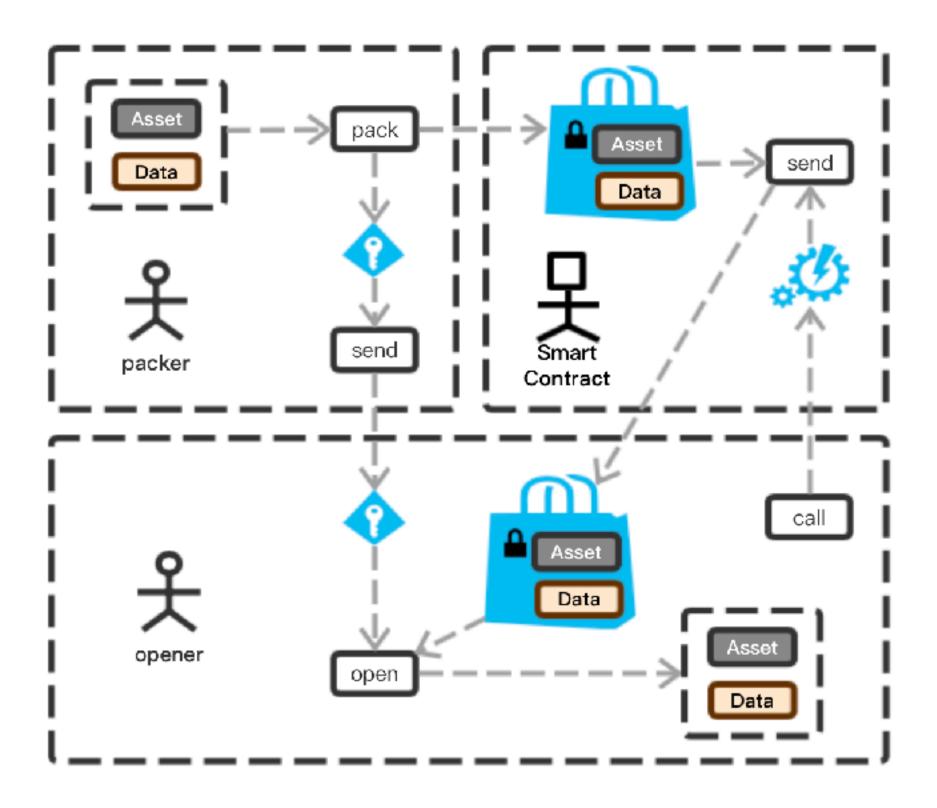


SERO: Ticket & Package



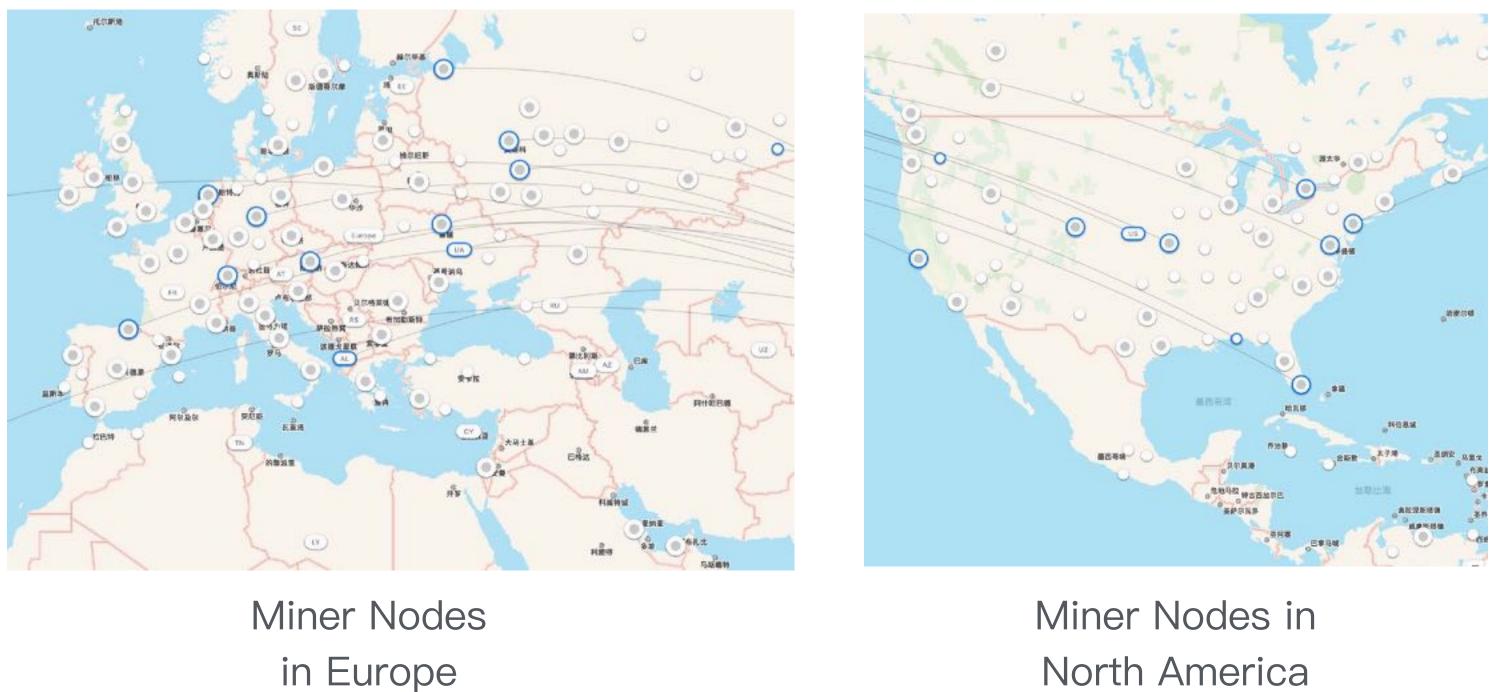
- SERO can use smart contract to issue Ticket
- Ticket is like ERC721 for DApps like Crypto-Kitty
- Ticket's transactions are also protected by ZKP.





- SERO also supports Package
- User can send Private Key for the Package to another user offline, then the user have the Key can decrypt the package.
- Privacy Data can store in Smart Contract via Package.

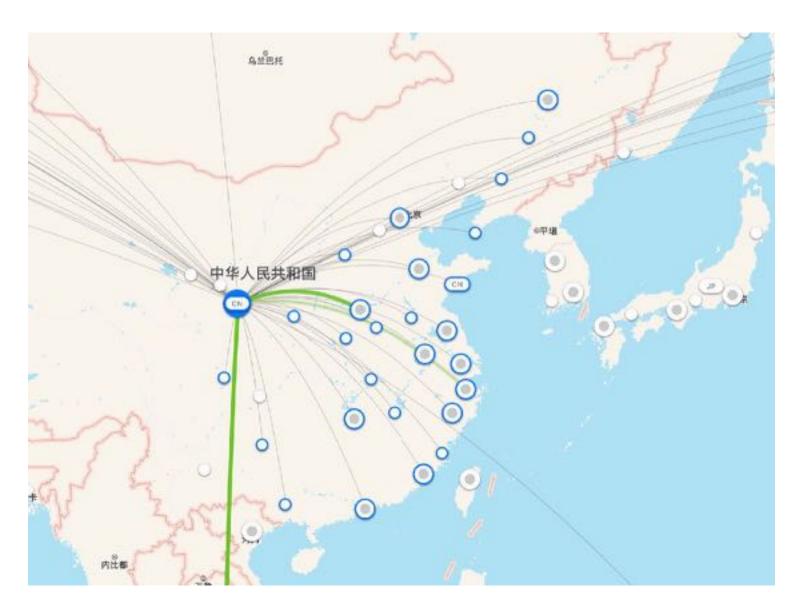
Miner's latest Status



SERO initially adopted Solo mining mode of CPU. Distributed mining nodes came from over 30 countries in 6 continents, of which Europe and China have the most nodes. More than 10,000 global nodes are currently involved in mining.

The whole SERO chain is in a state of rapid and healthy development.





North America

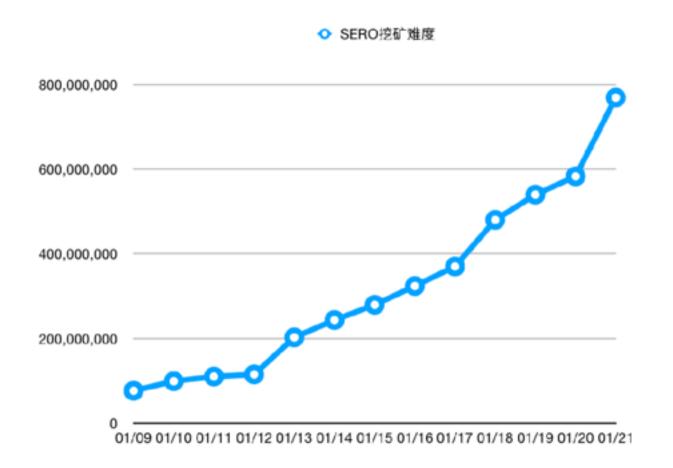
Miner Nodes in East Asia

SERO BetaNet Memorabilia

On January 8, 2019, SERO launched the 12th 1) version of BetaNet Release, and promised all SERO coins in BetaNet will map 1:1 to MainNet. The mining officially started, and many fans in the community applied for mining.

2) From Jan 9 to 22, 2019, the number of miners increased steadily. The mining difficulty increased from 76 million to 1.252 billion on Jan. 22, and the difficulty of mining increased by

more than 100 million every day.



3) On January 23, 2019, SERO team issued important notices to the community regarding major adjustment to the Token Metrics. Mining incentives raised from the original 25% to 80%, of which 80% are available to be mined. Block reward halving timing is the same as Bitcoin. All SERO coin will be mined after 101 years. Also, the block locked up period for SERO team is the same as block release schedule for SERO coin mining. This demonstrated SERO team's faith and the long-term commitment to the SERO project.

After January 23, 2019, mining difficulty increased 1 billion 4) every day; January 26, 2019, SERO team issued another notice about mining guild awards rule, received 10+ applications to set up guilds on that day; difficulty increased a lot, by the end of January 31st, difficulty has increased to 13.27 billion 270 million, as 1/100 of Monero's difficulty.









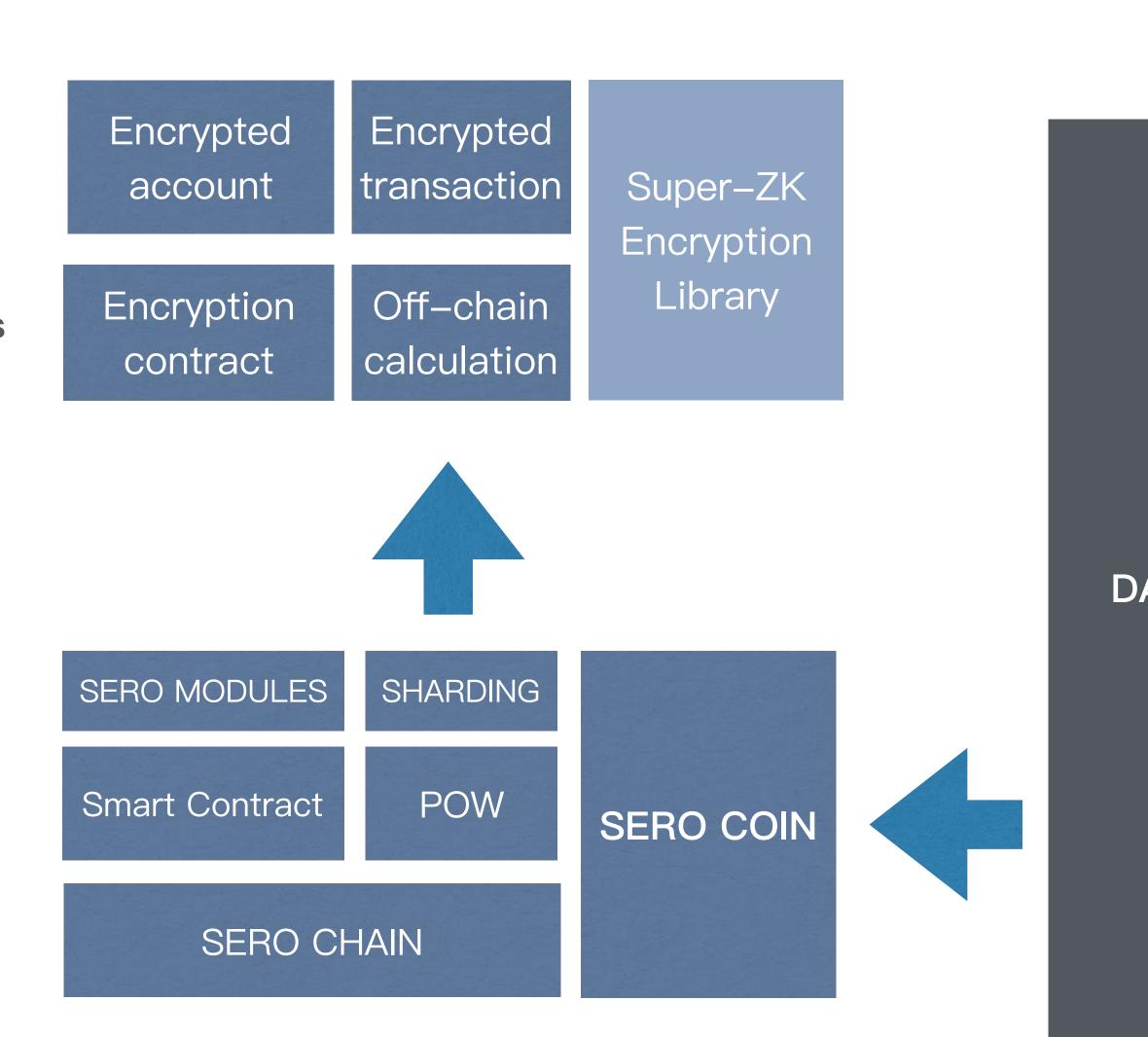
Technical Structure

SERO

Components

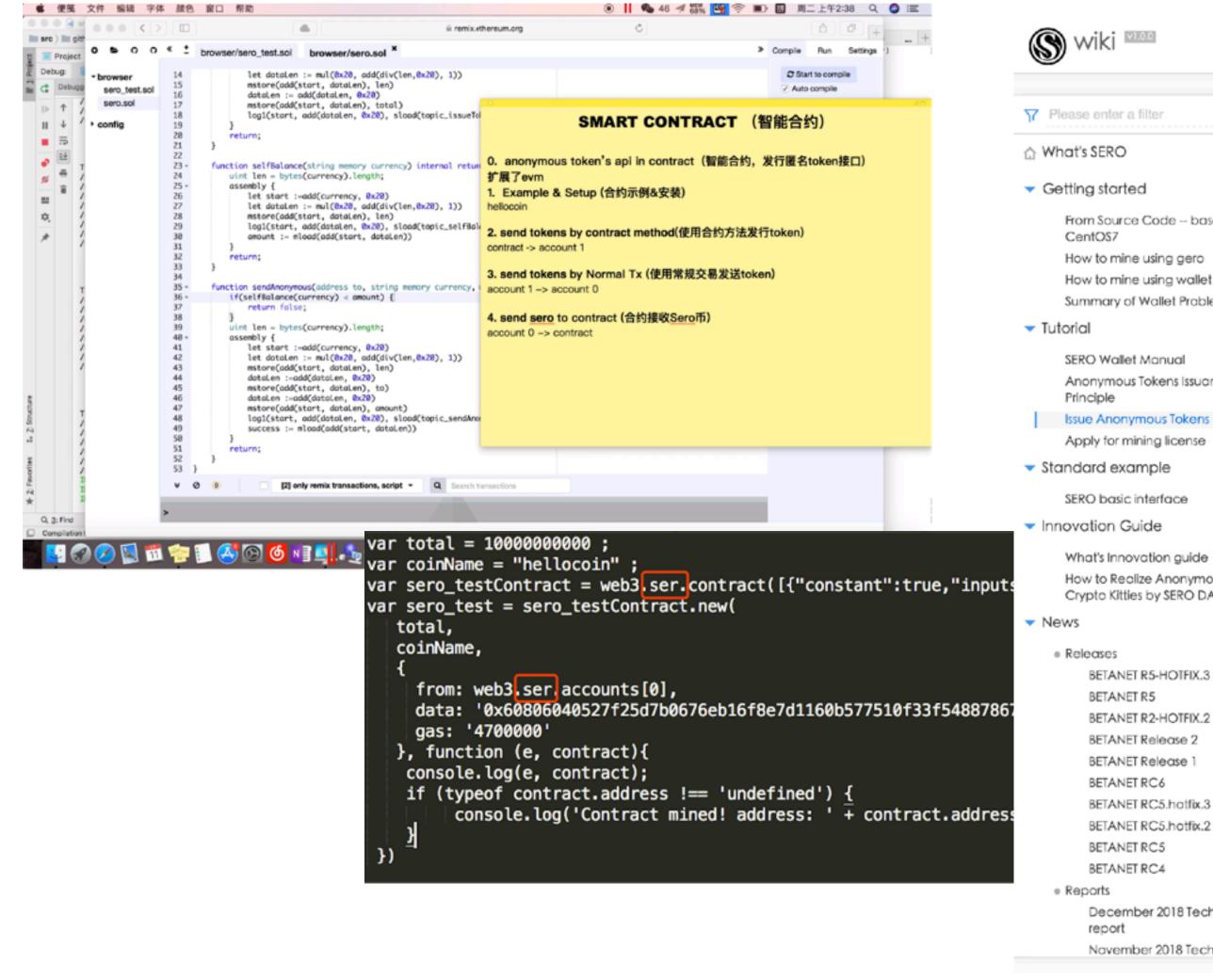
SERO CHAIN







SERO WIKI: How to issue Private Coins base on SERO



We use Ethereum's Token-issuing process and extend Privacy Protection based on EVM.



- From Source Code -- base on How to mine using gero
- Summary of Wallet Problems
- SERO Wallet Manual Anonymous Tokens Issuance
- Issue Anonymous Tokens
- What's Innovation guide How to Realize Anonymous Crypto Kitties by SERO DAPP

 - BETANET R5-HOTFIX.3
 - BETANET R5
 - BETANET R2-HOTFIX.2 **BETANET Release 2**
 - BETANET Release 1
 - BETANET RC6
 - BETANET RC5.hotfix.3
 - BETANET RC5.hotfix.2
 - BETANET RC5
 - BETANET RC4

December 2018 Technical November 2018 Technical

Super Zero Protocol (SERO) Smart **Contracts Tutorial - Issue Anonymous** Tokens

super zero super-zk sero zpk zero knowledge proofs blockchain nizk super-zk zh anonymous anonymous tokens

We have already described [Super Zero Protocol (SERO) Smart Contracts Tutorial - Anonymous Tokens Issuance Principle] (https://wiki.sero.cash/en/index.html?file=Tutorial/principle-of-anonymous-token) in the previous article, now we are going to introduce how to issue your own tokens step by step.

What can SERO's anonymous Tokens do?

In the current blockchain systems, issuing anonymous tokens is a unique function of SERO, no other blockchain systems can have this function. So what cool things can we do with this stunt?

With SERO's anonymous token mechanism, you can do something like these:

- 1. Promise to the customer that your tokens has the same anonymity as SERO.
- 2. After the business grows safely expand your service features, without worrying that the previous smart contract does not provide some interfaces.
- 3. Use the smart contracts to write a **Decentralized Token Exchange** to achieve the exchange of various tokens on the SERO.
- Only part of your operating information will be disclosed to the public.

You can also do such things after the Beta version is released

- Let customers visiting your business pay the SERO fee with the token you issued.
- 2. Let your business have the fairness of sealed auction.

SERO can provide even more amazing features by issuing anonymous ticket assets. Detailed tutorials can wait for ["Issuing Anonymous Tickets"] (https://wiki.sero.cash/en/index.html)

Let's start with a hypothetical example and see how to issue anonymous tokens on SERO

© 2018 The SERO Network

=

SERO WIKI: How to mine SERO Coins



Please enter a filter

- ☆ What's SERO
- Getting started

From Source Code -- base on CentOS7

α

How to mine using gero

- How to mine using wallet
- Tutorial

SERO Wallet Manual Anonymous Tokens Issuance Principle

Issue Anonymous Tokens

Standard example

SERO basic interface

Innovation Guide

What's Innovation guide How to Realize Anonymous Crypto Kitties by SERO DAPP

- News
 - Releases **BETANET Release 1** BETANET RC6 BETANET RC5.hotfix.3 BETANET RC5.hotfix.2 BETANET RC5

Mining using SERO Wallet Client

1. Install SERO Wallet

Download URL: https://github.com/sero-cash/wallet/releases

Installation Package

Currently only 64-bit system is supported. Please select the corresponding system inst

- Windows: SER0-Wallet-windows-{version}.exe
- MacOs: SER0-Wallet-mac-{version}.dmg
- Linux: SER0-Wallet-linux64-{version}.deb

Data Folder

Wallet data folder, used to store wallet configuration data and log files

- Windows C:\Users\%username%\AppData\Roaming\SER0 Wallet
- macOS ~/Library/Application\ Support/SER0 Wallet
- Linux ~/.config/SER0 Wallet

Block data folder, used to store blockchain data and wallet account files

- Windows C:\Users\%username%\AppData\Roaming\Sero
- macOS ~/Library/Sero

Solo CPU mining (installing SERO wallet or lanching Gero code) Fully supports Windows/Mac/Linux. Mining Pools supported soon.





Mining using Gero

This article mainly explains how to install SERO from binary package and use it to mine SERO coins. For more information, please visit our Product Technology WIKI.

Bonus Design

SERO issued a total of 1 billion SERO coins, of which 25 % were awarded as community node contributions, that is, 250 million SERO coins were awarded to SERO miners for mining. Mining bonus follow these rules:

 Bonus will be issued within 10 years, and a certain amount of SERO coins will be mined each year until 250 million SERO coins are mined.

Because the initial SERO community network capacity is still relatively small, we use this strategy:

- 250 million SERO coins are used as a bonus pool, when the miners succeed in generating a block, the corresponding SERO coins will be drawn from the bonus pool as a reward according to the rules.
- each generation of 2,100,000 blocks, the bonus is reduced by about 1.4 times.
- In order to encourage miners to package more transactions, the consensus will compare the `gas usage' of the two blocks before and after.
 - ⁴/_e for the block bonus when the current block consumes less than or equal to the previous block.

Mining Pool Supported

SEROPool 🖀 Home

🖋 Help 🛛 🗞 Pool Block	s 🔞 🦪 Payments	🔮 Miners	🗢 About 🅜		
7 MH.					
				Hashrate	Last E
wLEafM3hWGhXqP3NeoC	7RLDPm31mUGWJp7LeQ9	kxuyf7eHdBe	hGYEwpu5NSeC8Agw	478.44 MH	2019/
ACrXUcHZpDRMMNsZnn5	V5hbdA7oBpKG6NYUXrJ	BMQKKWZGA1G	oCqAwVpsyRaGzTRCA	56.63 MH	2019/
BdX5HtgvKXDWuRUGy5m	GKPU7AkYKpHcTgoAXxr	SNG3j7XNEKD	bcmybAYPdHveJnUKr	33.34 MH	2019/
H2mKaECzPreDdJ7v6WN	kTGYyu86dcs4cwLcM5u	8SyVnMhiomd	9QKa5kN6qySUHw1jN	27.96 MH	2019/
WRHfNQgmvH6rj3sUBQC	ccEuItTEBWhKvmcKIab	QaLSS3keh4M	8LoHhnKYBX8PeRL4i	25.60 MH	2019/
oljhFY8YVyk241YQYMX	zP6XbNC64EL8ZmFyW69	qyShL2YtAjK	n3fKAKfiDaQn2uW8	17.74 MH	2019/
KFucHNFjsHqR2pfzvbR	S52C9jmmUpMraian3Vv	oQ2v5Lxfh3y	pXcRGHYbqCq5ifbSx	15.00 MH	2019/
QQHNyU84dGlg1rEypxkd	oYkycXm4VGBUtCxyVwc	eQdPUh1XV3C	zwtNPvJsV3L81v44Q	10.94 MH	2019/
UR6R34kwFQZ5p6MZYgQ	vSdclyTyhrJrHaSyWZk	Jm46xcsCkWg	vEtdrmDgZdcWBkhFP	8.94 MH	2019/
aD6ernFAnNE56yNJCxW	K2m6WhEytnsXAanjueJ	C3p363J7ZdT	dUBXCGyvPvMfYjnA3	8.51 MH	2019/
jmBgHqrDwk2HGDk43yG	op6hKrxu7bDpAXiGjKb	a8z6Tiffqgv	sN2eEPuVtBUpR6yUX	5.62 MH	2019/
AXp6F4PMCYRrRPRo3AU	dqXYEtg1g2o9s6dbeW2	e8zVvQ2B1sP	yaNf21EWnFtYk5Jrz	4.84 MH	2019/
XmG9r3kifTzBWxKbSCW	Jv2PPgxV69ySYasTDcJ	dMGoyq13k8m	Xvjjzjb2GnQixCqFT	3.18 MH	2019/
pwNrLFzAJaNKuJcGm6ol	hXBoNVhVEKj218RddpM	NSHiJVtS2HZ	KGddfH39PpqZafgET	3.14 MH	2019/
h3pnH3jHjmuESFr9MkV	wqdNe9wY6KAuEByGWiq	skVp4BuvaV1	Y1B2v2rGZ47gCFny	3.07 MH	2019/
				0.00100	2019/
					2019/
	se/appieciang				2019/
<pre>i 11:19:30 i 11:19:30 i 11:19:30 cp 11:19:30 cpu-0 cp 11:19:30 cpu-1 cp 11:19:30 cpu-2 cp 11:19:30 cpu-3 i 11:19:30 i 11:19:30 m 11:19:35 i 11:19:38 m 11:19:40 i 11:19:40 m 11:19:46 m 11:19:46 m 11:19:50 i 11:19:53</pre>	Selected pool 129 Established connect Spinning up miners Using CPU: 0 Memo Using CPU: 1 Memo Using CPU: 2 Memo Using CPU: 3 Memo Epoch : 0 Diffice Job: 407723 129 0:00 A0 0.00 h - 0 Job: 555551 129 0:00 A0 880.24 h - Job: 5752761 129 0:00 A0 1.39 Kh - Job: 6462162 129 0:00 A0 1.37 Kh -	.204.197.105 ction to 129 s ory : 16.00 ory : 16.00 ory : 16.00 ory : 16.00 ulty : 10.00 9.204.197.10 cp0 0.00, cp 9.204.197.10 cp0 0.35, c 9.204.197.10 cp0 0.35, c	:9999 .204.197.105:9999 GB GB GB Mh 5:9999 1 0.00, cp2 0.00, cp3 0.00 5:9999 , cp1 220.94, cp2 221.37, cp3 5:9999 p1 0.35, cp2 0.35, cp3 0.35 5:9999 p1 0.35, cp2 0.34, cp3 0.34	3 221.65	
	<pre>7 MH. wLEafM3hWGhXqP3NeoC ACrXUcHZpDRMMNsZnn57 BdX5HtgvKXDWuRUGy5m H2mKaECzPreDdJ7v6WN WRHfNQgmvH6rj3sUBQC oljhFY8YVyk241YQYMX: KFucHNFjsHqR2pfzvbR QQHNyU84dG1g1rEypxk0 UR6R34kwFQZ5p6MZYqQ aD6ernFAnNE56yNJCxWI jmBgHqrDwk2HGDk43yG AXp6F4PMCYRrRPRo3AU XmG9r3kifTzBWxKbSCWI pwNrLFzAJaNKuJcGm6ol h3pnH3jHjmuESFr9MkV cminer 0.1.0-beta.1 Build: darwin/relea cp 11:19:30 i 11:19:30 i 11:19:30 i 11:19:30 cp 11:19:30 cpu-0 cp 11:19:30 cpu-1 cp 11:19:30 cpu-2 cp 11:19:30 cpu-3 i 11:19:30 i 11:19:40 i 11:19:4</pre>	<pre>7 MH. wLEafM3hWGhXqP3NeoC7RLDPm31mUGWJp7LeQ9 ACrXUcHZpDRMMNsZnn5V5hbdA7oBpKG6NYUXrJ BdX5HtgvKXDWuRUGy5mGKPU7AXYKpHcTgoAXxr H2mKaECzPreDdJ7v6WnkTGYyu86dcs4cwLcM5u WRHfNQgmvH6rj3sUBQCccEuZtTZBWhKvmcKZab oljhPY8YVyk241YQYMXzP6XbNC64EL82mFyW69 KFucHNFjsHqR2pfzvbRS52C9jmmUpMraian3Vv QQHNyU84dGlg1rEypxkoYkycXm4VGHUtCxyVwc UR6R34kwFQZ5p6MZYgQvSdc1yTyhrJrHaSyWZk aD6ernFAnNE56yNJCxWKZm6WhEytnsXAanjueJ jmBgHqrDwk2HGDk43yGop6hKrxu7bDpAXiGjKb AXp6F4PMCYRrRPRo3AUdqXYEtg1gZo9s6dbeW2 XmG9r3kifTzBWxKbSCWUvZPPgxV69ySYasTDcJ pwNrLFzAJaNKuJcGm6ohXBoNVhVEKjZ18RddpM h3pnH3jHjmuESFr9MkVwqdNe9wY6KAuEByGWig cminer 0.1.0-beta.1+commit.5b2490d2 Build: darwin/release/appleclang cp 11:19:30 Configured pool 12 i 11:19:30 Selected pool 129 i 11:19:30</pre>	<pre>7 MH. wLEafM3hWGhXqP3NeoC7RLDPm31mUGWJp7LeQ9kxuyf7eHdBe ACrXUcHZpDRMMNsZnn5V5hbdA7oBpKG6NYUXrJBHQKKWZGAIG BdX5HtgvKXDWuRUGy5mGKPU7AkYKpHcTgoAXxrSNG3j7XNEXD BdX5HtgvKXDWuRUGy5mGKPU7AkYKpHcTgoAXxrSNG3j7XNEXD BdX5HtgvKXDWuRUGy5mGKPU7AkYKpHcTgoAXxrSNG3j7XNEXD bdXffNQgmvH6rj3sUBQCccEuZtTZBWhKvmcKZabQaLSS3keh4M oljhFY8YVyk241YQYMXzP6XbNC64EL82mFyW69qyShL2YtAjK KFucHNFjsHqR2pfzvbR552C9jmmUpMraian3VvoQ2v5Lxfh3y QQHNyU84dGlg1rEypxkoYkycXm4VGHUtCxyVwceQdPUh1XV3C UR6R34kwFQZ5p6MZYqQvSdc1yTyhrJrHaSyWZkJm46xcsCKWg aD6ernFAnNE56yNJCXWR2m6WhEytnsXAanjueJC3p363J72dT jmBgHqrDwk2HGDk43yGop6hKrxu7bDpAXIGjKba8z6Tiffqgv AXp6F4PMCYRrRPRo3AUdqXYEtg1gZo9s6dbeW2e8zVvQ2B1sP XmG9r3kifTzBWxKbSCWUZPPgxV69ySYasTDcJdMGoyq13k8m pwNrLFzAJaNKuJcGm6ohXBoNVhVEKjZ18RddpMN8HiJVt82HZ h3pnH3jHjmuESFr9MkVwqdNe9wY6KAuEByGWiqskVp4HuvaV1 cminer 0.1.0-beta.1+commit.5b2498d2 Buid: darwin/release/appleclang cp 11:19:30 CPU COUNT: 4, SELECT: 4 i 11:19:30 Selected pcol 129,204.197.105 i 11:19:30 Spinning up miners cp 11:19:30 CPU COUNT: 4, SELECT: 4 i 11:19:30 Spinning Up miners cp 11:19:30 CPU-0 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-1 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-2 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-2 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-2 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-3 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-4 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-3 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-3 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-4 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-4 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-5 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-4 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-5 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-1 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-1 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-3 Using CPU: 2 Memory : 16.00 cp 11:19:30 CPU-1 Usin</pre>	<pre>7 MH. wLEafM3hWGhXqP3NeoC7RLDPm31mUGWJp7LeQ9kxuyf7eHdBehGYEwpu5NEeCEAqw ACrXUeHEpDRMMNeEnn5V5hbdA7oBpKG6NYUXrJBMQKKNEGA1GoCqAwVpsyReGzTRCA BdX5HtgvKXDWuRUGy5mGKPU7AkYKpHcTqoAXxrSNG3j7XNEKDbcmybAYPdHveJnUKr HZmKaEC2PrebdJ7v6WNkTGYyu86dcs4cwLcM5u85yVnMhiomd9QKa5kN6qySUHw1jM WRHFNQmvH6rj3sUBQCccEuZtTEBWhKwcK2abQaLSS3keh4M8LoHhnKYBX8PeRL41 o1jhFY8Vyk241YQYMXzP6XbNC64EL8ZmFyW69qyShL2YtAjKn3fKAKfiDaQn2uW8 KFucHNPjsHqR2pfzvbR552C9jmmUpHraian3VvoQ2v5Lxfh3ypXcR6HYbqCq5ifb5x QQHNyU84d61g1rEypxkoYkycXm4VGHUCXyVwceQdPUb1XV3CzwtNPvJaV3L81v440 UB6R34kwFQ25p6MZYqQvSdc1yTyhrJrHa5yWZkJm46xcsCkWgvEtdrmDq2dcWBkhFP aD6ernFAnNE56yNJCxWKZm6WhEytnaXAanjueJC3p363J7ZdTdUBXCGyvPvMfYjnA3 jmBqHqrDwk2HGDk43yGop6hKrzu7bDpAXiGjKba8z6TiffqysNZeEPuVLBUPR6yUX AXp6P4PMCYRcRPRo3AUdqXYEtg1g209s6dbeW2e8zVvQ2D1sPyaNf21EWnFtYK5Jrz XmG9r3kiffzBWKkb5CWUVEPPgxV69ySYaETDcJdMGoyq13k8mXvjjzjb2GQuXcQFT pvNrLFzAJaNKuJcGm6ohXBONVNVEKjz18RdpMN8HiJVt82HZKGddfH39PpqZafgET h3pnH3jBjmuESFr9MkVwqdNe9wY6KAuEByGWiqskVp4HuwaV1Y1B2v2rG247qCFny cminer 0.1.0-beta.1+commit.5b2400d2 Build: dorwin/release/appleclang op 11129:30 cp 11129:40 cp 1129:40 cp 112</pre>	<pre>/ MH. MLKacMLbNRChXqP3NeeC7RLDPm31mUGNJp7Le09kxuyf7eHdBehCYTwpu5N8eC8Aqw 478.44 MH ACrXUcHZpDRMRHsZnn5V5hbd7oBpKG6NYUXrJBHQKNWZGAIGoCqAwVpayRaGzTRCA 56.63 MH BdX5HEqvXXOWURUOg5MGKPU7AXYRpHCTgoAXxr5NG3j7XNEKDbcmybAYPdHveJnUkr 33.34 MH HZSHK2E2reDdJ7v6NNKTGYyU86dcs4cwLcM5u85yVnMhiomd9QKa5N6qySUHv13N 27.96 MH WRHFNQmvH6rj3sUBQcCcBuETZBMRKwcKZabQaLSS3keh4M8LoHhnKYDXSPeRL41 25.60 MH o1jhFY6YVyk241YQYYXz9FXbNC64ELE8mFyK63qyShL2YLAjKn3fXAEfIbaQn2uWB 17.74 MH KFLucINNFj8HqZpffzvbR552C9jmmUpHrain3VvoQ2v5Lxfh3ypXcRGRYbqCg51fb5x 15.00 MH UR6R34kwPQS5p4HZqQv56d1yTyhrJrHaSyWZkJM46xecKMqvEtcIrmQ2dofBkhFP 8.94 MH aD6ernFAnNE56yNJCSWRZm64byLnaXAanjueJC3p363J7ZdTdUBXCGyvPvHfYjnA3 8.51 MH jmBgHqrDwkZHGDk43yGop6hKrzu7bDpAX16jKba8z6f1ffqvsNZeEPuVEBUpR6yUX 5.62 MH AXp6F4PHCYRLRPRo3AUdqXZEtg1g209s6dbeH2e8zVvQ2B1sPax1f21ENmFtYk5Jrz 4.84 MH Xm69r3k1frzBhXKb5CWVEFPgxV85YSTasTDcJdMGyq13kBRXijjzjb2GQLNcqT 3.18 MH pyNrLFzAJANKuJCGm6ohXDNVhVEKj18BddpBHBHJVt82HZWQ2HSQCGTPJ 3.18 MH pyNrLFzAJANKuJCGm6ohXDNVhVEKj218BddpBHBHJVt82HZWQ2HSQCGTPJ 3.18 MH pyNrLFzAJANKuJCGm6ohXDNVhVEKj218BddpBHSHJVt82HZWQ2HSQCGTPJ 3.22.04.197.185:9999 11119190 5000000000000000000000000000000</pre>

0:00 A0 1.63 Kh - cp0 0.41, cp1 0.41, cp2 0.41, cp3 0.41

11:20:00

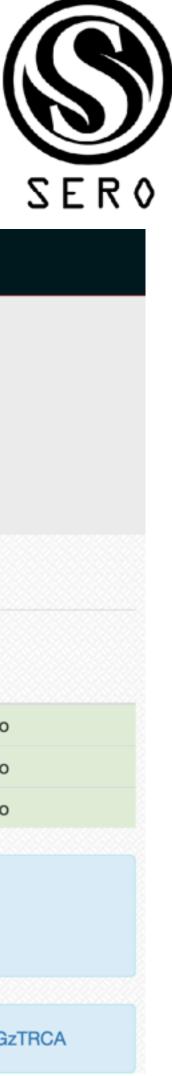
Immature Balance: 10 Preliminary balance awaiting b

m Pending Balance: 111 Credited coins awaiting payout

Total Paid: 13064.483

Workers	s 0 Payouts		
Your Wo	orkers		
ID	Hashrate (rough, short average)	Hashrate (accurate, long average)	Last Share
aa_2	1.62 MH	2.04 MH	3 seconds ago
aa_3	28.34 MH	23.17 MH	2 seconds ago
aaa_1	26.52 MH	22.63 MH	2 seconds ago

Your bulk stats JSON API URL: /api/accounts/4dfFRkxMD64fCa4Mm1BykeACrXUcHZpDRMMNsZnn5V5hbdA7oBpKG6NYUXrJBMQKKWZGA1GoCqAwVpsyRaGzTRCA



ne	🖋 Help	Pool Blocks 61	🔊 Payments 🛛 😤 Miners 🔍 About 🧹				
block	25556167 (s to mature. 19429945 1999	() () () () () () () () () () () () () (Last Share Sub Workers Online: Hashrate (30m): Hashrate (3h): 4	3 56.48 MH	onds ago	-	Blocks Found: 346 Total Payments: 3 Your Round Share: 53.846154% cent of your contribution to current round. Epoch Switch: in 14 hours

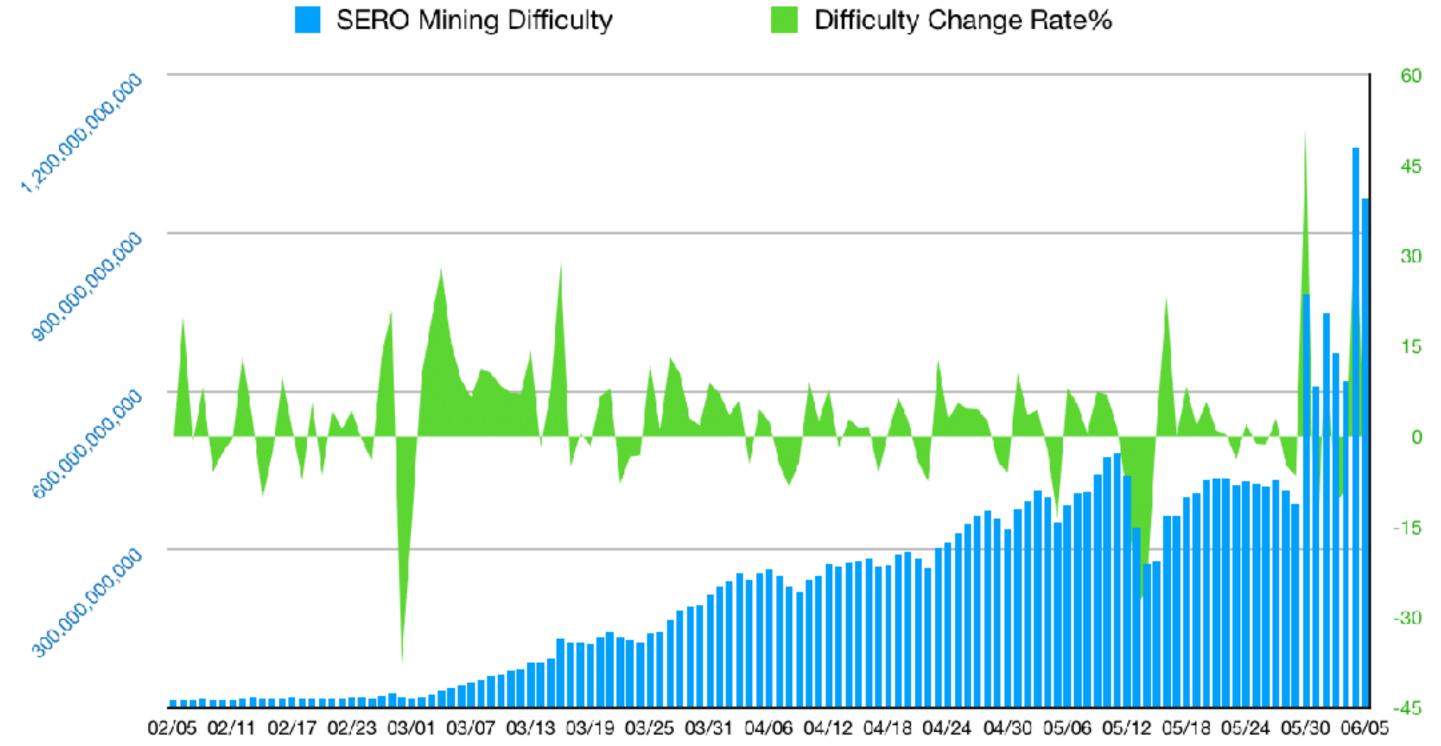
Your average hashrate will be smoothly adjusted until you have shares to fullfill estimation window.

There are two windows, long and short, first is equal to about 30 minutes and long window is usually equal to 3 hours.

Dead (sick) workers will be highlighted in a table of workers if they didn't submit a share for 1/2 of short window, so you can perform maintenance of your rigs.

Mining Pool supported from Feb 24, 2019

Latest Mining difficulty statics



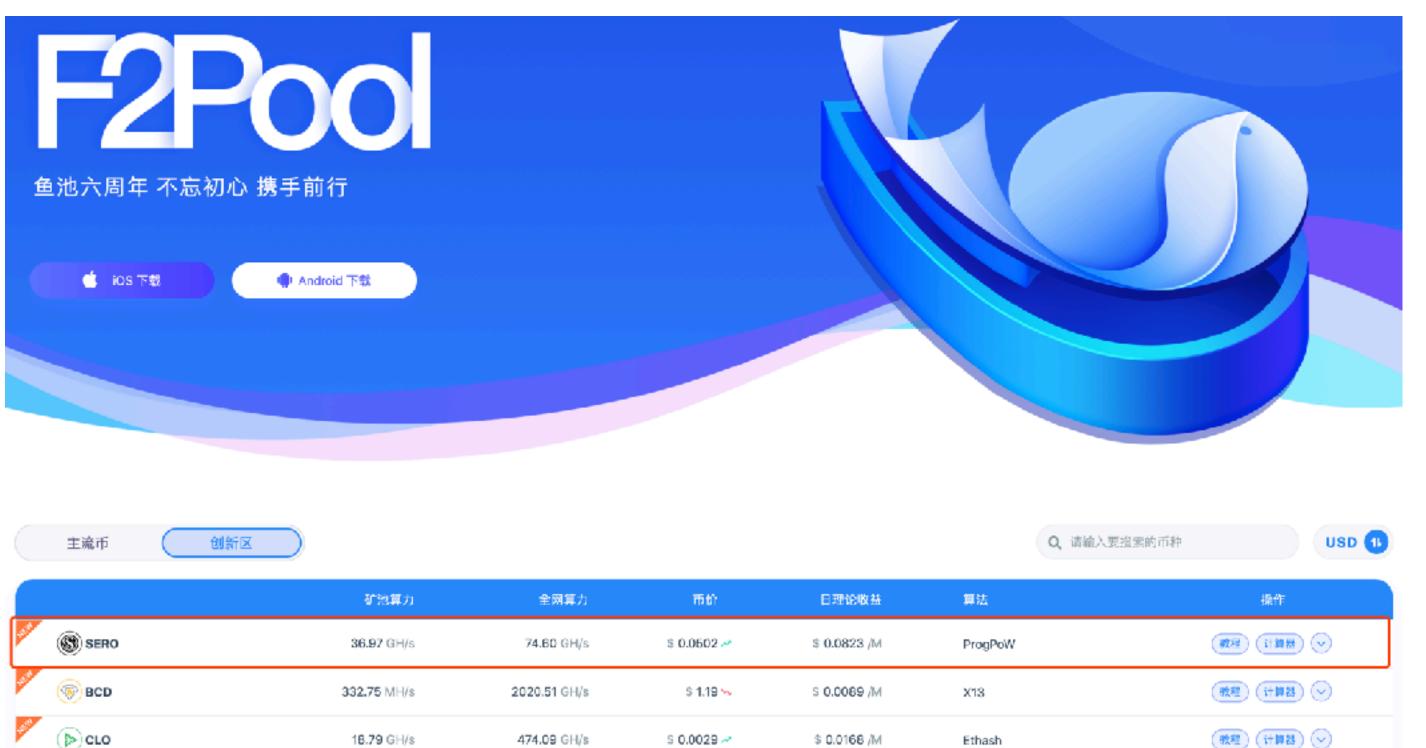
SERO Mining Difficulty Analysis (As of June 5th, 2019)



Latest Mining difficulty exceeded around one trillion within 4 months The whole computing power for SERO keeps increasing a lot



SERO currently supports GPU mining, and listed in F2Pool



	主流币	创新区				٩
		矿池算力	全网算力	កវា	日理论收益	算法
4	SERO	36.97 GH/s	74.60 GH/s	\$ 0.0502 ~	\$ 0.0823 /M	ProgPoW
and a	🛞 BCD	332.75 MH/s	2020.51 GH/s	\$ 1.19 ~	S 0.0089 /M	X13
4.8.94	CLO	18.79 GH/s	474.09 GH/s	S 0.0029 ~	\$ 0.0168 /M	Ethash
	🔊 ZEL	7400.00 sol/s	424.56 Ksol/s	\$ 0.0765 ~	\$ 0.0155	Equihash 144,5
	W VBK	16.03 TH/s	23.24 TH/s	\$ 0.0330 ~	S 0.0003 JM	vRiake?

On May 31st, 2019, SERO Change Mining algorithm to ProgPOW, supporting GPU mining; On June 4th, 2019, F2Pool listed SERO, and officially recommended SERO as the most profitable SERO for miners; At the same time, QSKG and MinerOS also support SERO for their miners.

(教程)(計算器)(~)

(数据) (計算器) (シ)

"all "all 🗟 🚯 🕕 🕷 😐 🙆	⁶ atl	⁶⁵ .all	2	6	m	×	4	۲	• • •	
-----------------------	------------------	--------------------	---	---	---	---	---	---	-------	--

 \times

...

来鱼池挖全网最高收益的SERO

小羊同学 f2pool鱼池 1周前



文末有福利

SERO早鸟福利 鱼池额外块奖励 提升收益34.09% 全网最高!

鱼池又双叒叕要上新币啦~大家是不是很激 动呢。

毕竟六周年的鱼池自带光环,上线的新币都 有活动buff加持,让矿工们都能有更高的收 蓋~

前阵子上线了全网最高收益CLO,上线一周 内块奖励暴增,不知大家体验如何,收益是 不是美滋滋?



这次SERO也重磅登陆,并且给大家带来了



Our Community

—— Telegram Groups —— Official Chinese Group: 18919 ppl English Group: 16459 ppl (As of April 4th)

-- WeChat Groups --WeChat Groups: 8500 ppl SERO Media Partners: 103 ppl SERO Developers: 102 ppl

—— Miners —— Mining License applied: 12385

23459 members Pinned message centralized system. And so thank you again for your help.



Eve Enigma

SERO Official

And so thank you again for your help.

Telegram

No worries. I must inform you that I am not an administrator, I'm merely an investor who participated in the iBO. I would contact the admin if you have further questions or want complete clarification on the matters of your interest. Other than that, have a wonderful day.

inn Benton.

/ictoria Tommy

After durme analysis of this project... I can say it boldly that this is a great initiative in a positive direction



Ir. Rollie

Victoria Tommy After durme analysis of this project... I can say it boldly that this is a great in... Great positivity in the chat! #serogang

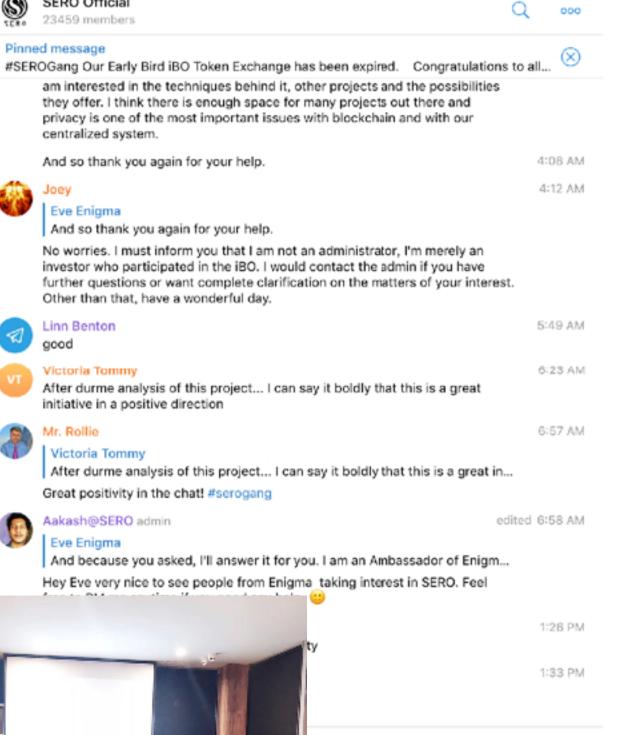


Eve Enigma

Hey Eve very nice to see people from Enigma taking interest in SERO. Feel







۳

J

SERO

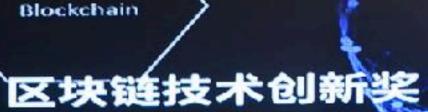


Shanghai, China (GMT+8)/ 3:00 pm CEST



SERO won "Blockchain Technology Innovation Award 2018"





Privacy

The Blockchainer®

Stablecoins



The Blockchainer®



SE

Block

niner®

ne B



CHAIN PLUS*

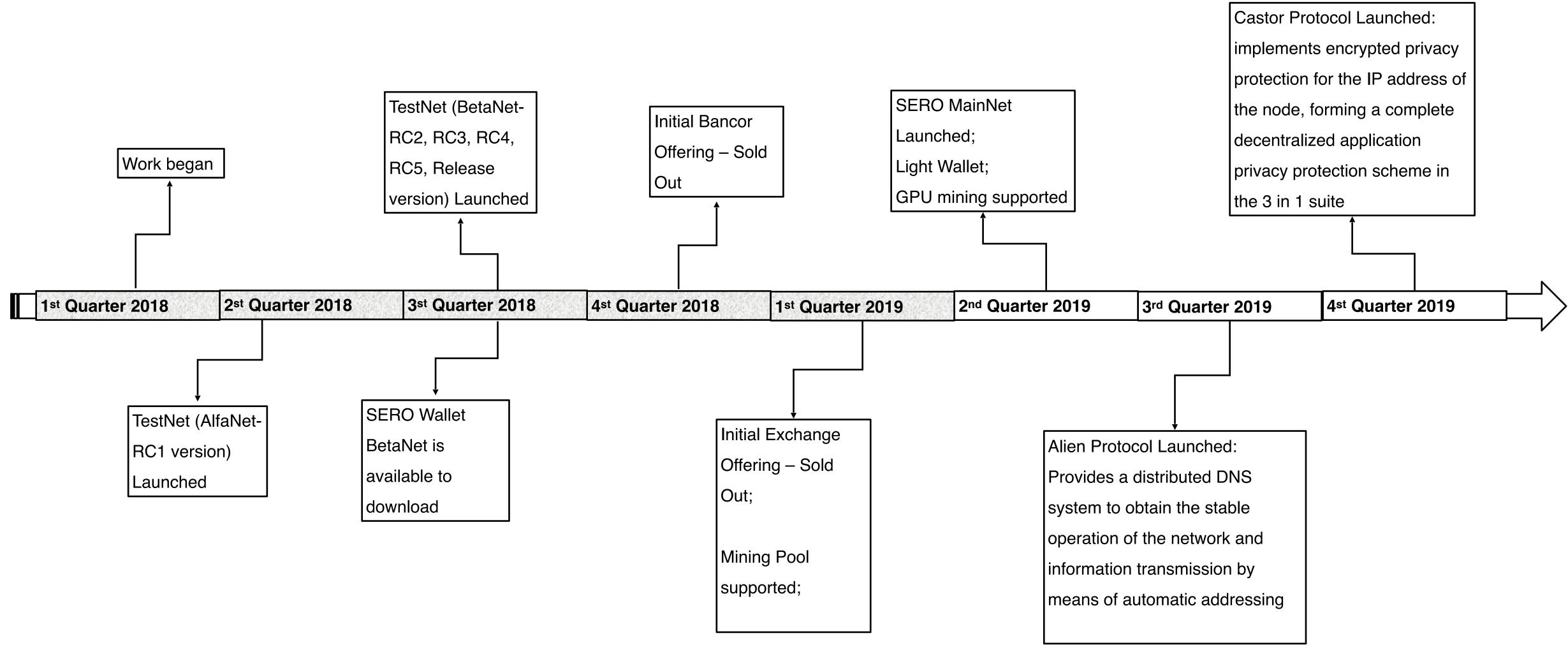
Blockchain Technology Innovation Award 2018 区块链技术创新奖

SERO

The Blockchainer December 7, 2018



Roadmap





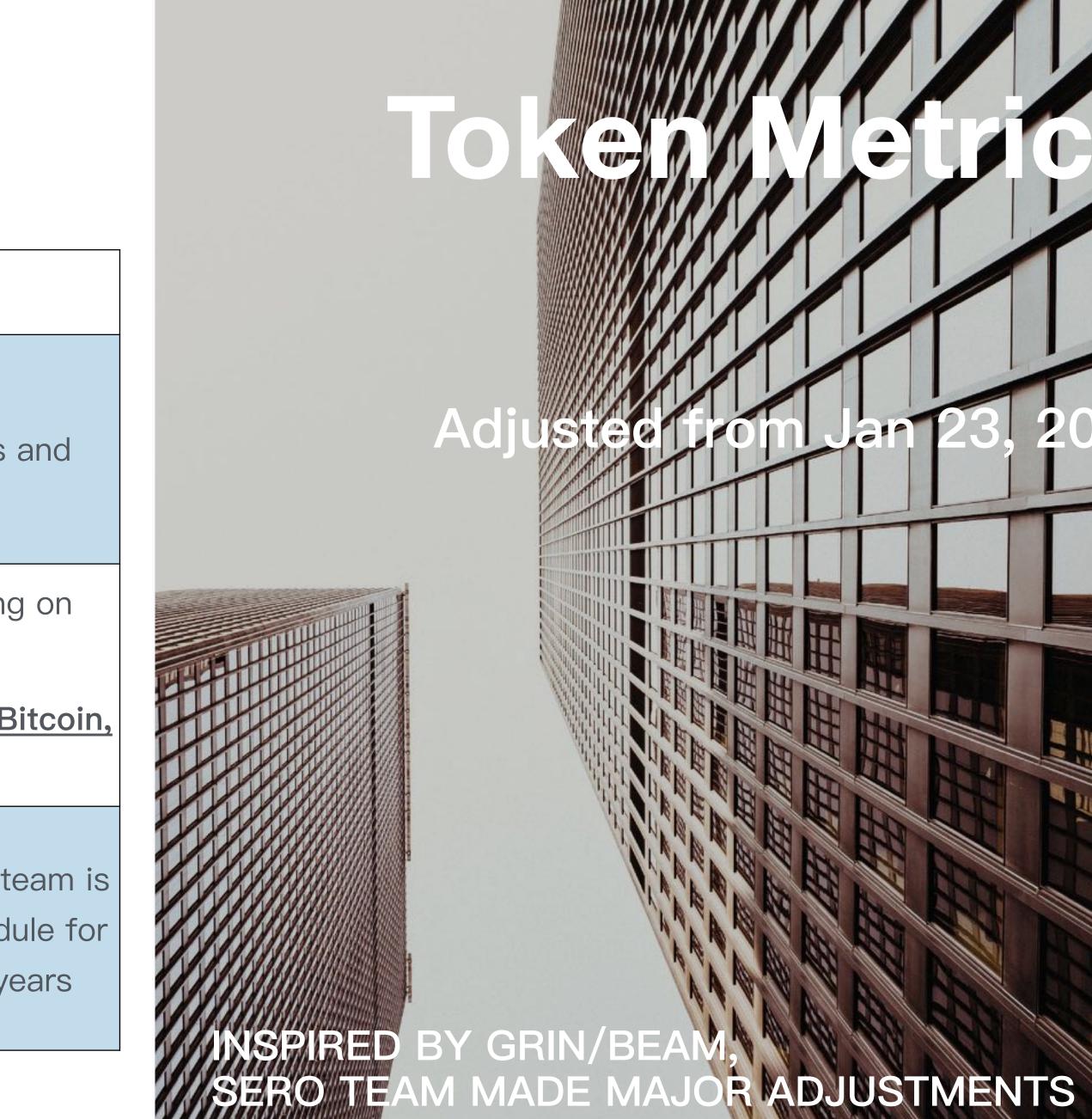


TOTAL NUMBER OF TOKENS: 1 BILLION

r	[
分配方案	比例	用途	说明
Pre-Sale	10%	Donation	Tokens used to feed back early investors, investment institutions donors such as IBO and IEO
Block Rewards	<u>80%</u>	Mining Rewards	Rewarded to the Miners basing POW+POS , <u>halving timing is the same as B</u> within 101 years.
Team	10%	Team Incentive	the locked up period for SERO to the same as block release sched SERO coin mining within 101 ye

THE NEW TOKEN METRICS MARKS SERO

AS A DECENTRALIZED PROJECT



SEROTEAM MADE MAJO



With SERO, Privacy is your Right!

Important links – We can send you all of these

White Paper V1.10: http://sero-media.s3-website-ap-southeast-1.amazonaws.com/SERO_CHS_V1.1.pdf Twitter : https://twitter.com/SEROdotCASH Telegram : https://t.me/SeroOfficial Telegram News channel : https://t.me/SEROannouncements Facebook Page : https://www.facebook.com/SEROProtocol/ Github : https://github.com/sero-cash/go-sero Gitter Community : https://gitter.im/sero-cash/Lobby?utm_source=share-link&utm_medium=link&utm_campaign=share-link SERO Blockchain Explorer : https://explorer.web.sero.cash/blocks.html SERO Smart Contract Editor : https://remix.web.sero.cash/ SERO Introduction Video : https://www.youtube.com/watch?v=lqFUhXskgNg SERO's 20x encryption speed vs Zcash testing video : https://www.youtube.com/watch?v=bc6yHTLSI5M



CASHBOOK

Contact CEO By WeChat



https://SERO.CASH