



XUEZ

Whitepaper

XUEZ team



Executive Summary

XUEZ is a peer to peer electronic asset protocol deployed throughout the internet. The XUEZ protocol was developed to address the inherent problems plaguing Bitcoin and other cryptocurrencies, whilst still ensuring the ability to protect anonymity and expand usability. XUEZ provides a 8MB block size that results in virtually instantaneous transaction times. Additionally, XUEZ aims to implement and provide several decentralized anonymous services that will further serve to deliver on the promise of an anonymous and utilizable cryptocurrency.

XUEZ, inspired by Satoshi Nakamoto's original vision of Bitcoin, was founded upon the idea of creating an open-sourced cryptographic project structured solely on the internet and developed by the community, for the community. XUEZ seeks to empower all individuals through the use of its purposefully developed blockchain technology.

Contents

Executive Summary	1
Introduction	3
Features	4
Road Map	5
Coin Specifications	7
Block Reward	7
Masternode	7
Masternode VS Mining	8
Reward Breakdown	9
Community	10
Conclusion	10
References and Attachments	10

Introduction

Bitcoin [1] is widely known as a cryptocurrency that has emerged as a popular medium of exchange, and it is the first digital currency that has attracted a substantial number of users globally [2]. Since Bitcoin's inception back in 2009, Bitcoin has expanded rapidly within mainstream financial circles and has been accepted and used in merchant transactions [3]. Bitcoin has one critical issue; merchants that accept Bitcoin at point-of-sale are presented with time delays because of network confirmation protocols that must validate the transactions. In order to accommodate the need for instantaneous transactions, payment companies have created various methods that allow vendors to take zero-confirmation transactions, but these solutions utilize a trusted third party to mediate the transaction outside of the protocol, which defeats the purpose of utilizing a trustless digital currency.

XUEZ is a privacy-focused, internet-based cryptocurrency community project with an exceptionally fast payment confirmations protocol. Our efforts concentrate on re-establishing Satoshi Nakamoto's original vision while simultaneously creating a future-forward model that others will look to as a benchmark. Furthermore, XUEZ intends to propose a series of specific improvements to the Bitcoin architecture that will result in a much stronger and more anonymous, decentralised cryptocurrency. Through these modifications, XUEZ aims to build a platform that will be capable of facilitating the completely private and encrypted transfer of information in the form of electronic messages, files, and assets.

Features

XUEZ utilizes specific and innovative privacy features, while still offering an impeccable 8MB block size that can effortlessly accommodate 80,000 transactions per minute (assuming each transaction is 1KB in size).

Our enhanced, integrated platform technology aims to provide users with a combination of both secure file transfers and private encryption to encryption communications, as well the additionally featured stealth mixer and stealth addresses. In addition to incorporating top tier privacy measures to guarantee anonymity, Xuez allows for long-term passive income generation through the Masternode and PoS functionalities.

The integrated platform technology seeks to provides users with:

- Multi-Sig Escrow
 - Up to 16 signatures for full escrow functionality
 - In-wallet user interface for easy management of the Multi-Sig function
- Self-Service Markets
 - Decentralized and secure Bounty Markets
 - User-created and operated Bounty Services
 - Auto-escrow release
 - User-set fees and vendor bond amounts
 - Familiar operations
- Encryption to Encryption Messaging
 - Sure-Spot style messaging
 - End-to-End encryption
 - Multimedia support
 - Self-destructing messages
 - Truly private group chats

Road Map

The primary goal of future development is to provide a fully integrated services platform that facilitates high-speed information and asset transactions anonymously and trustlessly.

Community take-over 5th of January 2018 - While the original developer did a fantastic job with the conceptualization and implementation of the XIOS project as a whole, unforeseen circumstances prevented that developer from continuing with his original work. Due to his sudden departure from the development of XIOS, the community decided to come together to not only take over development, but to also carry on and further improve the XIOS project. The consensus of the new team was to perform a swap procedure to burn XIOS “one for one” in exchange for the new XUEZ token.

XUEZ Platform Bounty System - A privacy service which is planned to be embedded within the XUEZ Platform, allowing users to buy pre-set bounties. When completed, the prearranged payout is awarded to the user.

Exchange – To increase the project’s future prospects, XUEZ will be listed on all exchanges that our community deems worthy. Additionally, we aim to become the most widely exchanged anonymous asset transfer service by providing low fee, instant asset transactions from one exchange to another.

Masternode Voting system – A Masternode Voting system will be implemented to allow the community to vote on major decisions as the project evolves and progresses. However, specific conditions will be in place to ensure that no one person or group within the community can cause unwarranted delays.

Code Update – Platform updates to implement secure file transfers and communications, as well as integration of a built-in privacy exchange within the wallet itself. Bug reports and checkpoints will be also implemented, along with a working wallet/platform demo for TOR integration in the future.

2nd Generation – Additional features for node wallet services and sharing.

Mobile Application – A mobile application will be developed with the aim of allowing investors to send their XUEZ transaction without time constraints, utilising the future implemented services of XUEZ.

XUEZ Team Goals and Objectives

Bounty and Voting Decision – The XUEZ team will seek to produce various bounty tasks that will allow the community to support and contribute to XUEZ development. Delivering successful developments through the help of community members will instill confidence in the XUEZ project and also provide the mechanism for all final decisions, on development submissions, to be made by the community as a whole.

Yearly Review – In order to ensure our community is not just content with XUEZ, but excited for the future of the coin as well, we will be conducting a yearly review to examine and determine that fairness and equality is maximized for the entire XUEZ community.

Community Fund Audit – In order to provide complete transparency, the treasury team will provide written reports on all project expenses and all funds utilized for XUEZ development will always be done so in a way that is both open and transparent.

Coin Specifications

Algorithm:	Xevan
Total Coin supply:	21 Million
Block time:	60 Seconds
Maturity:	11 blocks
Target Block-time:	60 Seconds / block
Difficulty Retargeting:	Every Block

Transaction Rate calculation

Assumed Transaction Size	Unit	Transactions Per Minute
1	Bytes	320,000,000
1000	Kbytes	320,000
100000	Mbytes	3,200

Block Reward Schedule

Year	Block		Reward rate	Total coins mined	Comments
	From	To			
0	1	9	244621.01	2,201,589.09	Xios to Xuez Swap
0	10	500	0.1	2,201,639.09	Fair Distribution During swap phase
0	501	525599	2.5	3,515,636.59	POW/POS Transaction Reward
1	525600	1051199	1.55	5,147,933.17	
2	1051200	1576799	0.96	6,668,706.87	
3	1576800	2627999	0.60	8,243,007.16	
5	2628000	4204799	0.37	9,807,529.42	
8	4204800	6832799	0.23	11,386,628.11	
13	6832800	11037599	0.14	12,971,008.16	
21	11037600	17870399	0.1	14,758,048.06	Reward Limit reached
34	17870400	28907999	0.1	17,648,847.96	
55	28908000	52559999	0.1	20,539,647.86	
100	52560000		0.1	-	
Formula			Formula		
N1+N2=N3			N1/1.61=N2		

PoW to PoS Transaction Period

PoW/PoS Transaction Period			
Block		Reward rate	Comments
From	To		
1	10	244621.01	Swap Mine
11	500	0.01	Fair Distribution Phase
501	43200	2.5	PoW starts/ends
43200	525599	2.5	PoS starts
525600	~	1.55	PoS Until Max reward has been achieved

Reward Breakdown

Utilising the Fibonacci formula as well as the golden ratio of 1.61 for every “Year=N3” a “reward division” of 1.61 will divide the last reward causing a reduction in reward rate with respect to time until a constant rate of 0.1 Xuez reward is reached – as seen on the image below.

As the reward rate follows this rule, the reward division is set accordingly:

- 60% Masternode, 40% PoW – during the initial Mining stage
- 60% Masternode, 40% PoS – during the PoS stage
- 60% Masternode, 30% PoS and 10% Masternode Governance (when it will be implemented and requested from the community)

Year	Block		Reward rate	Total coins mined	Comments
	From	To			
0	1	9	244621.01	2,201,589.09	Xios to Xuez Swap
0	10	500	0.1	2,201,639.09	Fair Distribution During swap phase
0	501	525599	2.5	3,515,636.59	POW/POS Transaction Reward
1	525600	1051199	1.55	5,147,933.17	
2	1051200	1576799	0.96	6,668,706.87	
3	1576800	2627999	0.60	8,243,007.16	
5	2628000	4204799	0.37	9,807,529.42	
8	4204800	6832799	0.23	11,386,628.11	
13	6832800	11037599	0.14	12,971,008.16	
21	11037600	17870399	0.1	14,758,048.06	Reward Limit reached
34	17870400	28907999	0.1	17,648,847.96	
55	28908000	52559999	0.1	20,539,647.86	
100	52560000		0.1	-	
Formula			Formula		
$N1+N2=N3$			$N1/1.61=N2$		



Masternode Parameters

Masternode Collateral : 1.000 Xuez coins
Minimum age : 1 hour
Maximum age : 365 Days

Staking Parameters

Staking Required Amount : 200 Xuez coins
Minimum age : 6 hours

Community

The XUEZ platform not only focuses on the long-term goals and objectives outlined within the roadmap, but also seeks to determine goals and objectives within the XUEZ community. The community, as evidenced by the history of XIOS, will be the catalyst for XUEZ to achieve its goals and exceed its potential. An open discussion where investors and interested individuals from the community can ask questions, learn about information regarding updates, and receive assistance through the open community platform is vital to the future success of XUEZ and the XUEZ community.

Conclusion

This White Paper introduces various concepts unique to XUEZ that will improve upon the design of Bitcoin, resulting in an enhanced platform that is secure in its ability to maintain maximum privacy and optimal functionality for each user through immediate message propagation throughout the network and with the hope of delivering less token price volatility. This is all accomplished by utilizing an incentivized two-tier model, rather than the existing single-tier model currently used in other Cryptocurrencies whose function more closely resembles that of Bitcoin. With XUEZ utilizing this alternative network design, it becomes possible to deliver various types of services that include, but are not limited to, the decentralized mixing of coins, instant asset transactions, and decentralized information transfer services that take full advantage of masternodes and encryption to encryption protocols.

Xuez Coin

Official XUEZ Website	https://www.xuezcoin.com/
Official XUEZ Discord Server	https://discord.xuezcoin.com/
Official XUEZ Reddit	https://www.reddit.com/r/XUEZ/
Official XUEZ Twitter	https://twitter.com/XUEZcoin
Official XUEZ Github	https://github.com/XUEZ

References, Attachments and Additional information

- [1] [A peer-to-peer electronic cash system \(2008\)](#)
- [2] http://eprints.qut.edu.au/69169/1/Boyen_accepted_draft.pdf
- [3] <https://www.cryptocoinsnews.com/3-solutions-instant-bitcoin-confirmations/>
- [4] <http://www0.cs.ucl.ac.uk/staff/s.meiklejohn/files/imc13.pdf>

Zerocoin feature - <https://isi.jhu.edu/~mgreen/ZerocoinOakland.pdf>

