



ZOIN

A decentralized, community-governed
cryptocurrency with anonymity features

Table of contents

1. Introduction	p. 3
2. Why community-governed?	p. 3
3. Goal	p. 3
4. Economic Model	p. 4
5. Specifications	p. 5
6. Zerocoin protocol	p. 6
7. Mining	p. 7
8. Masternodes	p. 8
9. Voting System	p. 8

1. Introduction

ZOIN (ZOI) is a decentralized cryptocurrency that seeks to provide a secure and untraceable payment service for its users.

Being based on the proven cryptographic technology of the Zerocoin protocol, ZOIN offers anonymity and privacy to its users when desired.

Zoin is in comparison to many other coins completely governed by the community and belongs to all who want to participate in shaping the future of ZOIN.

2. Why community-governed?

The reason why **ZOIN** has become a community-governed cryptocurrency is ingrained in its history. It was the community who decided to take over the project after it was abandoned by the original dev(s).

Today, the ZOIN team consists of volunteers from the community and who offered their time, knowledge, experience, and dedication to the development of **ZOIN**.

In the near future, major decisions will be made by the community as a whole. This will be done through voting, which will be integrated in the official wallets (see roadmap).

Through this process, people with different ideas, goals, and opinions will be able to help shape the future of **ZOIN**.

3. Goal

Our goal

The goal is to turn ZOIN into a currency for one's daily payments.

A coin that is not only traded for speculative reasons, but a currency that enables people to buy products and services in a secure and untraceable way.

One of the main goals is therefore to develop a wallet that integrates markets, users democracy, exchanges, communities and security for both buyer and seller.

The Road Ahead

(for an up-to-date roadmap please visit <http://zoinofficial.com/>)

Our plans for the next few years include:

- Mobile wallets on iOS and Android
- Add Zoin to more Exchanges
- Official Pool, maintained by the Dev Team
- Implementation of full time Zerocoin Protocol
- Web wallet
- Web Tor Wallet
- Zoin Masternodes
- Encrypted Chat System
- Community voting build right into the Wallet

4. Economic model : Zoin Foundation

Its purpose

The foundation will function as an umbrella under which all expenses and funding for the development of Zoin will be managed and be accounted for.

This means full transparency towards the community on the costs and funding of the project, but also the community's participation on how we want and/or can fund future development.

Where / What

The Zoin Foundation can be found on the official website and will offer updates and information on:

- The current balance of the development fund in ZOI & BTC
- Incoming donations
- Cost of current and past projects
- Information on how to donate ZOI & BTC

Current funding

The funding of the development occurs currently in four ways:

- Funding by admins (out of their own pocket)
- Free offers
- Donations

Donation addresses :

ZOI: ZSod6aYiSPwDUFA2R9EUshrWnxRg7hqQeQ

BTC: 16et3UzdsLgbubKbthJArkbzYt3Hev75U2

5. Specifications

Launch date : 05 November 2016

Community Coin

No Premine, No ICO

Only mineable per CPU

Zerocoin Protocol

Total Coins: 21 Million

Proof of Work, Algo : Lyra2Zoin (2,330,256)

Initial Reward : 100 ZOI per block

With Block 210000 the Reward is 12,5 ZOI and halving every 210000 blocks

Block time: 2.5 minutes

6. Zerocoin Protocol

What is Zerocoin?

Zerocoin is a project to fix a major weakness in Bitcoin: the lack of privacy. Our goal is to build a cryptocurrency where your neighbours, friends and enemies can't see what you bought or for how much. This project began with a proposed extension, called "Zerocoin", to the Bitcoin protocol that allowed users to mix their own coin. A collaboration between the original Zerocoin project members and cryptographers at MIT, The Technion, and Tel Aviv University, has produced a far more efficient protocol that allows for direct private payments to other users.

How Zerocoin works

With the new Zerocash protocol, Zerocoin allows direct anonymous payments between parties. Zerocoin transactions exist alongside the (nonanonymous) normal transactions. Each user can convert non-anonymous coins into anonymous coins, which we call Zoin-Zerocoins. Users can then send Zoin-Zerocoins to other users, and split or merge Zoin-Zerocoins they own in any way that preserves the total value. Users can also convert Zoin-Zerocoins back into normal Zoin, though in principle this is not necessary : all transactions can be made in terms of Zoin-Zerocoins.

Zerocoin Scheme for Bitcoin:



For more information about the Zerocoin protocol, visit <http://zerocoin.org/>

7. Mining

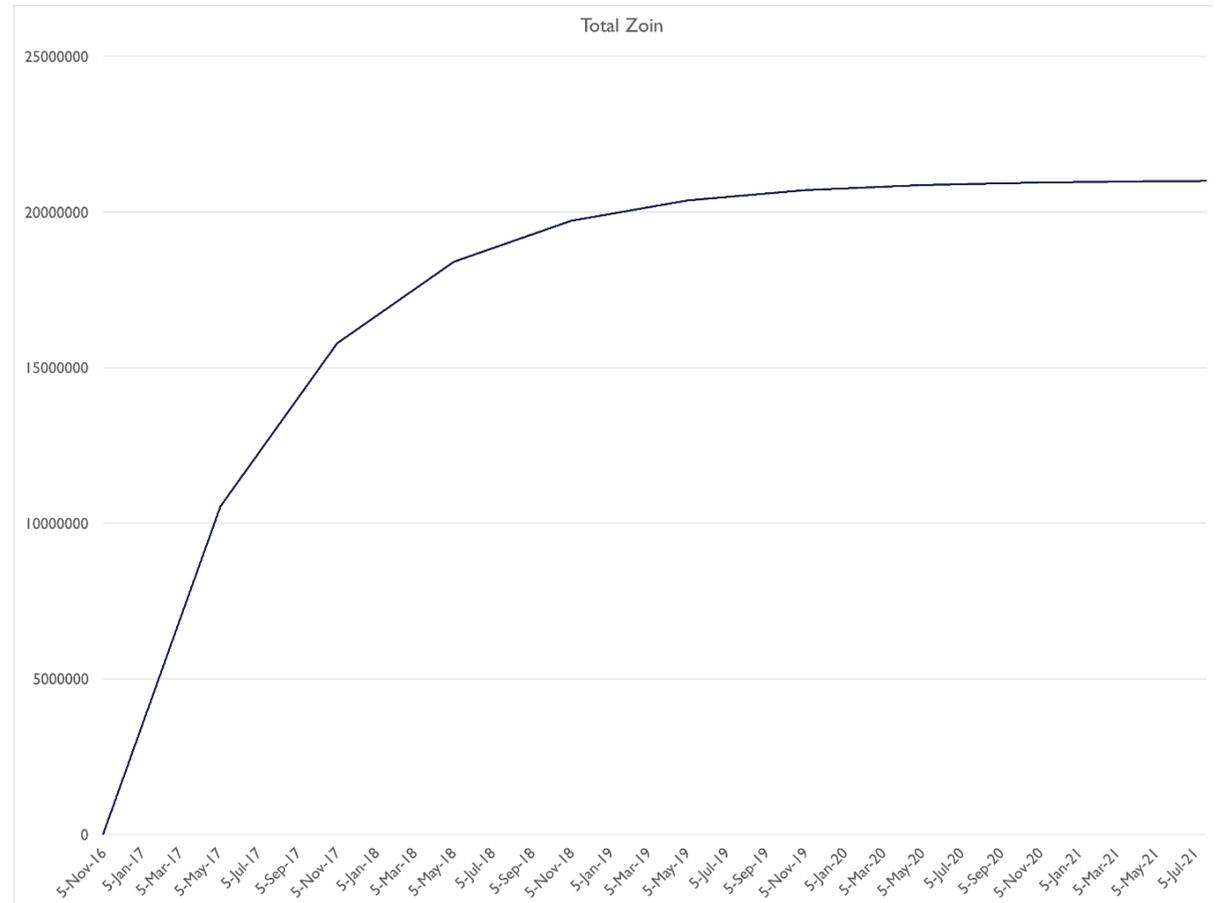
Initial reward 100 ZOI per block

Reward halves every 105000 blocks (six months)

Tail emission of 10 ZOI after two years

Total coins : around 21 million, plus tail emission after two years of about 10% per year

Mined blocks mature in 120 blocks



8. Masternodes

What is a Masternode?

Masternodes are nodes running the same wallet software on the same blockchain to provide extra services to the network such as instant send, coin mixing to support privacy, and help in stabilizing the network. Anyone can run a Masternode and the objective is to have enough online to provide a true level of decentralization, which doesn't favour a country, geography, company, or person. For providing such services, masternodes are also paid a certain portion of the reward of each block.

How much Zoin for one Masternode?

To create a masternode, a user needs to lock in a specific amount of Zoin. We are looking at an amount of 25000 ZOI at the moment, but this amount is not fixed, and the final decision will be revisited when the implementing of masternodes begins. Masternodes cost money and effort to host so they are paid a share of the block reward to incentivize them. The final reward has not been defined yet.

9. Voting system

Zoin's online-based voting represents an ideal decentralized platform for exercising democracy.

One of our goals is to create a decentralized voting system that allows anyone to vote and participate from his wallet.

That ensures the entire network can't be taken over by a single entity and that every member of the community gets a say in important decisions.



ZOIN

Zoin team
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