



akroma

akroma.io - github.com/akroma-project - medium.com/akroma - twitter.com/akroma_io

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Abstract

Current blockchain networks have reached a level of social acceptance and usage that is greater than their transaction and performance capacity. Application developers are turning to alternative platforms and solutions in search of stability in transaction processing. New development focused networks, each with their own set of APIs, are being created and offered to application developers. These new networks come with their own API (application programming interface), which developers are required to learn. We created Akroma in order to continue using the powerful features offered by Ethereum, the EVM, Web3 and more. Akroma is a stable and performant network to build applications on and around.

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Disclosure

There is no Akroma ICO, no pre-sale, or any other method for you to purchase AKA. This document is only being created to help outline our vision for those that want to read the contents of our website and medium posts in PDF form. The disclosure that follows is adapted from what we've found common in many ICO whitepapers.

<common_disclosure>

Nothing herein constitutes an offer to sell, or the solicitation of an offer to buy, any tokens, nor shall there be any offer, solicitation or sale of AKA in any jurisdiction in which such offer, solicitation or sale would be unlawful. You should carefully read and fully understand this whitepaper and any updates.

This whitepaper describes our current vision for the Akroma project. While we intend to attempt to realize this vision, please recognize that it is dependent on quite a number of factors and subject to quite a number of risks. It is entirely possible that the Akroma project will never be implemented or adopted, or that only a portion of our vision will be realized. We do not guarantee, represent or warrant any of the statements in this whitepaper, because they are based on our current beliefs, expectations and assumptions, about which there can be no assurance due to various anticipated and unanticipated events that may occur.

Please know that we plan to work hard in seeking to achieve the vision laid out in this white paper, but that you cannot rely on any of it coming true. Blockchain, cryptocurrencies and other aspects of our technology and these markets are in their infancy and will be subject to many challenges, competition and a changing environment. We will try to update our community as things grow and change, but undertake no obligation to do so.

</common_disclosure>

Problem

Akroma is focused on finding solutions to two main problems facing decentralized application development platforms. The first is to create a sustainable governance model around this new network that avoids the trappings of genesis block allocations, pre-mines, and ICO fundraising as all these methods incentivize founders and early adopters to “pump and dump” and move onto the next project.

Using lessons learned from Dash, ZCash, BitShares and EOS, we believe that we can build a governance model that supports long term sustainability for the Akroma project, while still rewarding early adopters.

With a sustainable governance model, we can focus our efforts on often underrepresented areas of cryptocurrency projects, that include: design, usability, adoption, and application development.

Overview

The Akroma team has been working with multiple startups on projects that include some connection to a decentralized platform such as Ethereum and undoubtedly when we get to the stage about deciding what platform to build on the conversation turns to gas price, CryptoKitties, and Ethereum scaling in general. We looked at alternate solutions, alternate public networks, using private networks but decided that since we have a need, a team of developers, and the need for some adjustments (oracles, software focus on non-crypto consumer), we created the Akroma project.

We believe that these adjustments and team offer a compelling platform and, as such, made Akroma public. We hope that you can use the Akroma project along with us. Akroma is the platform that the Akroma team needs for building applications. You might not need it.

Governance Model Comparison

| Platform | Model | Result |
|----------|--------------------------|---|
| Akroma | Per-block allocation | AKA allocation happens over-time. |
| Ethereum | Genesis block allocation | Once value achieved, core team has left project |
| Zcash | For-Profit | Misaligned with users |
| Tezos | On-Chain | Fail to launch |
| Bitcoin | None | Contentious Forks |

Masternodes

Masternodes are a common second layer solution to adding features to a blockchain based network. The Akroma project intends to use this layer of masternodes to power developer and development related features. These features often require greater levels of computation, storage, or availability. As such, an incentivization system has been built into the core Akroma protocol that rewards those that host masternode servers with AKA.

Oracles

One of the first development features that we plan to add, once we have the second layer of nodes, is the concept of Oracles. Oracles are systems that provide data to smart contracts. The goal of an oracle network is to develop a feature that developers of smart contracts can trust enough to access the results of the data provided to them as it will often be the catalyst for moving tokens.

Oracles are a very new concept and there are multiple ways to implement Oracles. Oraclize and ChainLink are two unique implementations. As we develop the Akroma oracle offering, we expect both of these to be seen as competitors and also compatible with the Akroma project.

Technology

Akroma is a fork of the go implementation of the Ethereum protocol. It is a fork in the sense that it uses the same codebase; not the same ledger. Akroma is to Ethereum as Litecoin is to Bitcoin.

Development on decentralized platforms is growing at a fever pace. As developers look to build their application without the side effects of network congestion there are few options that arise. The first option is to build “next to” the network that you are building your application on. The second option is to consider new platforms that promise better stability. The third option is the one that the Akroma team took; stand up your own network, and make it public.


All the tools developers use can be used on Akroma.

| | Smart Contracts | Solidity | Web3 |
|----------|-----------------|----------|------|
| Akroma | ✓ | ✓ | ✓ |
| Ethereum | ✓ | ✓ | ✓ |

Roadmap

The Akroma roadmap is included to provide a rough estimation on what the Akroma core team will be working on, what we find a priority. Please expect this roadmap to be adjusted, we do.

| Project | Status | Result |
|----------------|------------------------|----------------------------|
| Website Launch | Complete | akroma.io |
| Web Wallet | Complete | wallet.akroma.io |
| Mainnet | Complete | status.akroma.io |
| Mining Pools | Complete | minerpool.net/pools/akroma |
| Hard-fork #1 | Complete, Est Feb 22nd | Block reward adjustment |



| | | |
|-----------------------|---------------|---------------------|
| Explorer Rebuild | Est Feb 11th | akroma.io/explorer |
| Mobile App (Android) | Est March 1st | Playstore |
| Masternode MVP | Est April 1st | Alpha test sign up |
| Exchange listing | In Progress | Community can trade |
| Akroma Foundation | In Progress | Stronger Governance |
| Masternode MVP Public | Est Q3 | Network stability |
| Desktop Wallet | TBD | |

Conclusion

This whitepaper is intended to provide a single place to read about the vision that the Akroma core team will be working towards. It was created because many exchanges require a whitepaper and this is that whitepaper.

Akroma is not an ICO, there is no pre-sale of any AKA, and there is no method for the Akroma core team to accept funds for AKA. Akroma is not working on having a killer-feature. Instead, Akroma is focused on creating a stable development platform and development team.