

Project Rating Update

POA Network

Unchanged

B Stable
Outlook

Analyst | Bill Xiong
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Current Stage

POA Network is the first development platform network taking Ethereum's Proof of Authority as the consensus mechanism to fulfill a better Network performance, a developer-friendlier environment and lower transaction costs.

The mainnet of POA Network has been launched for one year, and the project is currently well implemented. In terms of DApp development, nearly 30 DApps have been successfully operated on the platform, including TokenBridge, a multi-platform cross-chain application developed by the POA team. The POA team also launched a multi-functional ETH browser, BlockScout, and released the new USD-backed stablecoin xDAI in collaboration with MakerDAO.

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POA Network 2018 Performance

The cross-chain protocol DApp that operates on the TokenBridge-POA network

✓ Completed

1

POA Network recently launched a new cross-chain protocol ERC20-ERC20 on TokenBridge, which enables users to transfer ERC20 tokens from one network based on Ethereum Virtual Machine (EVM) to another. Previous cross-chain protocols supported by TokenBridge include DAI - xDai and POA-POA20.

BlockScout - a multi-functional and open-source blockchain browser

✓ Completed

2

BlockScout, a multi-functional ETH browser was released by POA Network in October. It supports the search for information about side chains including Ethereum Classic, xDAI, etc.

xDai Chain

✓ Completed

3

xDai Chain, jointly developed by POA Network and MakerDAO, is a blockchain Network with xDAI as the USD-backed stablecoin.

POA NETWORK

Rating **B**

Outlook	Stable
Label	Platform
Total Supply	256,925,810
In Circulation	219,056,690

Score

TEAM



PROJECT



ECOSYSTEM



Analyst

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Risk

POA Network is the first Ethereum-based public network with a Proof of Authority consensus algorithm. POA is the token generated based on its POA Network. Compared to Ethereum, running smart contracts on a POA Network is cheaper and more technologically friendly. Due to the Proof of Authority consensus, there is a risk of collusion from its pool of designated validators.

Summary

Team

Tech Lead, Igor Barinov

- Apr 2017 - Present: Tech Lead at POA Network
- May 2016 - Present: Co-Founder at Block Notary, LLC
- 2017 - 2017: Deep Learning II, University of San Francisco

Advisor, Mark Pui

- Nov 2017 - Present: Advisor at POA Network
- Oct 2003 - Apr 2018: Executive Director at PricewaterhouseCoopers
- 2004 - 2005: Master of Science (MSc) in Public Policy, UCL

Project

POA Network is an open public, permissioned blockchain based on Ethereum protocol. The network is fully compatible with Ethereum protocol. The network supports trusted setups, on-chain governance, and a variety of 'Proof of Identity' oracles.

Proof of Authority Consensus

PoA consensus is a straightforward and efficient form of Proof of Stake with known validators and governance-based penalty system. A list of validators is managed by a smart contract with governance by validators.

Block Time

5 seconds per block

Ecosystem

Market Cap: \$ 20,591,787

Ranking: 222

Token Economy

- Crowd sale will take place before the launch of the main network. Purchased coins will be included in the genesis block and will create initial liquidity for the network.
- Burn tokens, hold tokens, spend on RD Foundation.

AAA: The technical foundation is extremely solid and project risk is extremely low.

AA: The technical foundation is very solid and project risk is very low.

A: The technical foundation is solid and project risk is relatively low.

BBB: Technical feasibility is very good and project risk is controllable.

BB: Technical feasibility is good and the risk of the project is moderately controllable.

B: Technical feasibility is moderate and project risk is limited to a controllable extent.

CCC: The technical foundation or idea has certain problems and the project has relatively large risks.

CC: The technical foundation or idea has considerable problems and the project carries large risks.

C: The technical foundation or idea has substantial problems and the project suffers from extremely large risks.

D: The project is riddled with problems and carries an extremely high risk of failure.

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