

Crusher of the Month – March 2018: Zilliqa (ZIL)

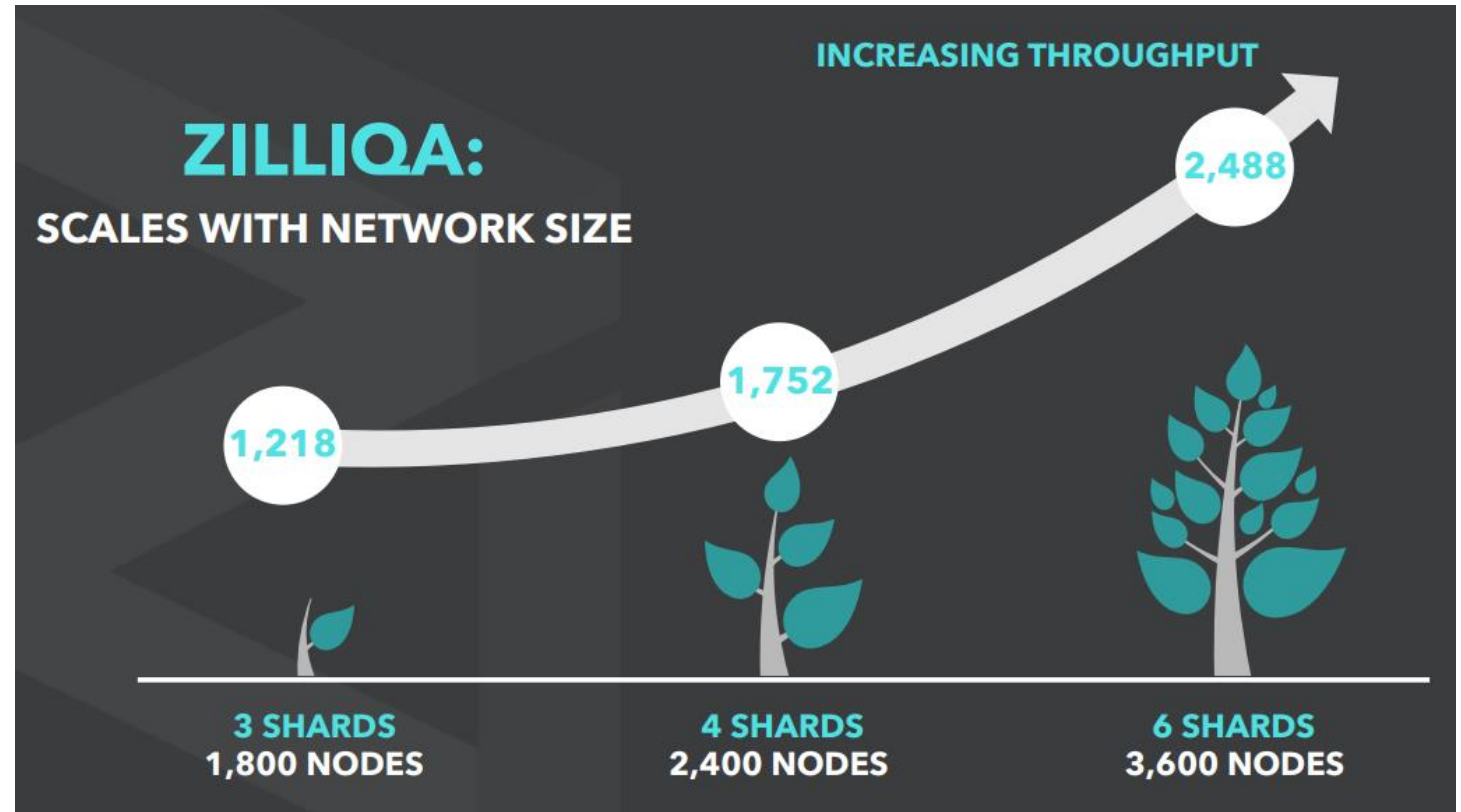
High-throughput Public Blockchain Platform

March 17, 2018

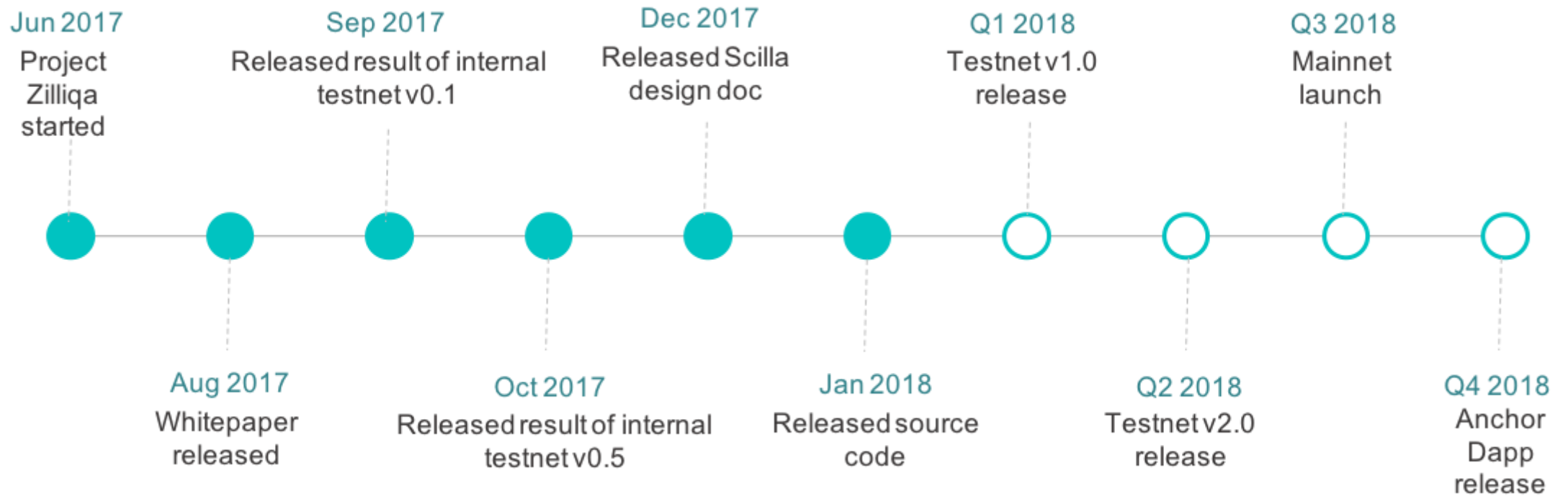


What is Zilliqa?

- A high-throughput public blockchain platform designed to scale to thousands of transactions per second.
- Zilliqa is one of the few blockchains that has demonstrated a high transaction throughput in the range of thousands of transactions a second using common servers (AWS EC2).



Development roadmap



Token information

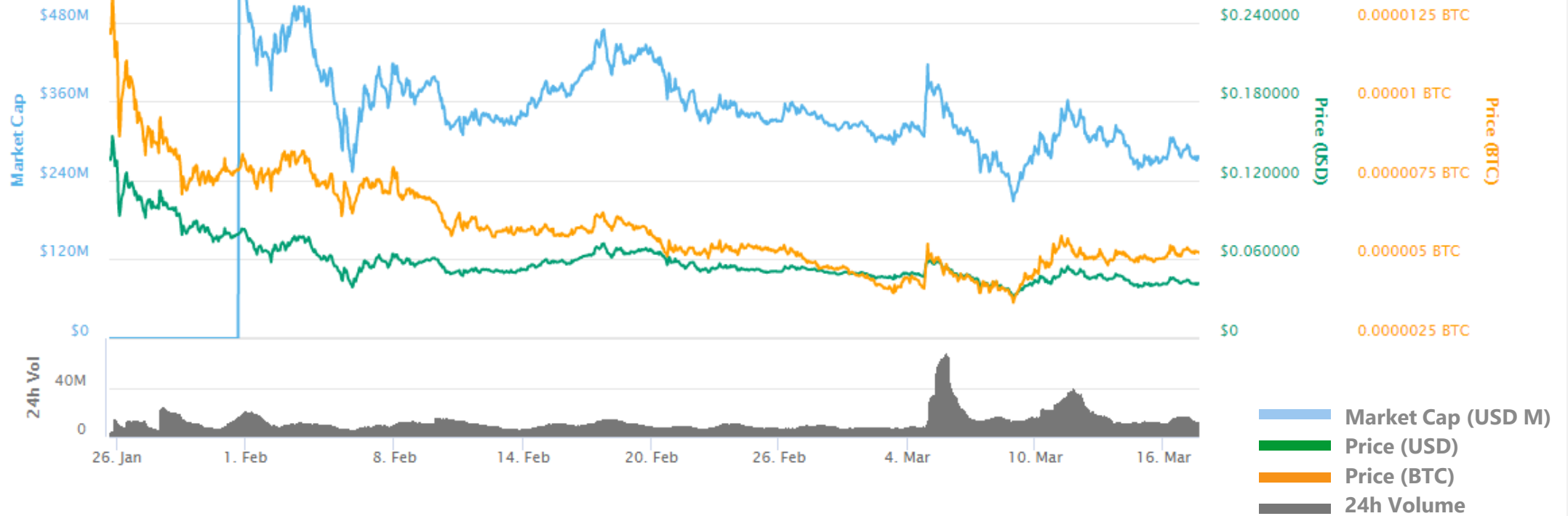


- Ticker: ZIL
- Listing date: January 25, 2018
- Markets: Huobi, Binance, Gate.io, Kucoin, IDEX, ForkDelta, Radar Relay, etc.
- Circulating market cap: \$276 million
- Circulating token supply: 6,605,326,966 ZIL
- Total token supply: 12,600,000,000 ZIL
- 7-day average volume: US\$19.8 million
 - % of circulating market cap: 7.2%
- Historical high: US\$0.159557 (January 26, 2018)
- Historical low: US\$0.031133 (March 9, 2018)

PROJECT OVERVIEW

Price chart

ZIL HISTORICAL MARKET CAP AND PRICE MOVEMENTS



Source: Coinmarketcap

WHY DO WE LIKE IT?

#1 – Demonstrated on-chain scaling capability

- For blockchain to achieve mass real-world adoption, it needs to match or even exceed the throughput of current payment networks like Visa or MasterCard, which is capable to performing a throughput of up to 4,000 transaction per second (TPS).
- However, the popular blockchain platforms currently has a very low throughput (Bitcoin at 3-7 TPS, Ethereum at 7-15 TPS) because each node stores all states (account balances, contract code and storage, etc.) and processes all transactions.
- Zilliqa is the only blockchain with a working implementation of sharding which allows the platform to achieve TPS in the thousands.

WHY DO WE LIKE IT?

#1 – Demonstrated on-chain scaling capability

- Sharding attempts to split the blockchain's data into more manageable parts, so that each node doesn't have to validate all transactions.
 - Note: Ethereum is also actively researching on sharding and has sharding in its roadmap, scheduled to be implemented after the Casper hard fork.
- Zilliqa has demonstrated a 2,488 TPS running AWS EC2 servers with 6 shards and 3,600 nodes. It has also shown that the more nodes the blockchain has, the more TPS it can handle. Therefore, sharding doesn't only work in theory, but is proved to be doable on testnet.
- Zilliqa is scheduled to release the initial version of testnet by the end of March 2018, and roll out its mainnet by Q3 2018.

WHY DO WE LIKE IT?

#2 – Strong team and advisors

KEY TEAM MEMBERS



Xinshu Dong

CEO

PhD, National University of Singapore, led the development of Anquan's public and private blockchain infrastructure.



Prateek Saxena

Chief Scientific Advisor

PhD, UC Berkeley, research professor in computer science at National University of Singapore, recipient of Top 10 Innovators under 35 (MIT TR35 Asia) in 2017.



Yaoqi Jia

Head of Technology

PhD, National University of Singapore, research focus on web security/privacy, network security and distributed system security.



Amrit Kumar

Head of Research

PhD, Université Grenoble-Alpes, research focus on security, privacy and applied cryptography.

WHY DO WE LIKE IT?

#2 – Strong team and advisors

KEY ADVISORS



Evan Cheng

Engineering Director at Facebook,
ACM Software System Award
winner for his contribution to LLVM
(2012).



Dr. Ilya Sergey

Assistant Professor of Computer
Science at University College
London (UCL).



Loi Luu

CEO of Kyber Network, PhD,
National University of Singapore.



Alexander Lipton

CEO of StrongHold Bank Labs,
Connection Science Fellow at MIT
and an Adjunct Professor of
Mathematics at NYU.

WHY DO WE LIKE IT?

#3 – Relative valuation in the current environment

- Zilliqa vs. EOS, Nano, Rchain and aelf:

	Zilliqa	EOS	Nano	RChain	aelf
Ticker	ZIL	EOS	NANO	RHOC	ELF
Website	https://zilliqa.com	https://eos.io	http://nano.org	https://rchain.coop	http://aelf.io
Market cap*	\$276M	\$3,387M	\$1,042M	\$369M	\$143M
Listed on	Jan 25, 2018	Jul 1, 2017	Mar 7, 2017	Oct 6, 2017	Dec 21, 2017

*Based on intraday prices on Coinmarketcap on March 17, 2017

- Compared to the incumbent Ethereum, which has a market cap of \$59 billion, Zilliqa's market cap is 0.5% that of Ethereum. Even though we are bullish on Ethereum, we also believe there can be multiple winners in the race to scalability. When it comes to reward versus risk, we believe Zilliqa has great long-term potential.

WHY DO WE LIKE IT?

Other tidbits about Zilliqa

- Zilliqa provides frequent updates on their blog, which is a great medium to stay on top of the project.
- It is revealed that NEO has invested in Zilliqa.
- In the most recent update published on March 16, 2018, they are on track to release the initial version of blockchain by the end of March 2018.

MORE INFORMATION

Resources

- Website: <https://www.zilliqa.com>
- Whitepaper: <https://docs.zilliqa.com/whitepaper.pdf>
- Blog: <https://blog.zilliqa.com>
- Reddit: <https://www.reddit.com/r/zilliqa>
- Telegram: <https://t.me/zilliqachat>
- Slack: <https://invite.zilliqa.com>
- GitHub: <https://github.com/Zilliqa/zilliqa>

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