

How the Store zero-fee public blockchain launches, ratifies a decentralized democracy, and grows into transforming data – the oil of the 21st century – into a new programmable money called **datacoins**

Release Age	Type	Est. Launch Date	# of Markets	**Est. cost to run a node (annual)[1]	**Est. Yield	***Security Budget / ****Inflationary Rewards (yearly)	Path to Decentralization (governance)
Genesis	R&D with public peer review and open governance discussion	May 2017 to Q1 2020	None R&D	None R&D	None R&D	None R&D	8-year vesting on-founder, stakeholder take-over only, a 6-month public peer review on our governance proposal. Store joins the Bitcoin registry for public disclosure on Treasury a long-term Treasury schedule is released allowing for predictable maximum yearly emissions; all decisions are made by Store, Inc. but the public peer review network acts as an informal check and balance on changes.

Store open sources its economic model projections for each launch phase – from its zero-fee settlement layer to its p2p cloud computing platform. These models account for minor costs of hardware, compute, data storage, internet connectivity, load balancers, firewall, and more. The models track into potential break-even requirements and potential gross profits for miners which are derived from the Yield – the annualized tokens earned relative to the estimated miner stake size and the active security budget for the blockchain.

* To build your own Yield models, start at <http://storecoin.com/etakingeconomics>
 [1] The costs are estimated using a hybrid of on-premise hardware and public cloud resources.

STORE tokens are securely distributed to owners.

Store releases a wallet, staking tools, and KYV to launch the public blockchain.

Test	Settlement layer test network	Q1 2020	Starts with 1 Market (6 Validation and 7 Storage miners) and continues to 4 Markets with a total of 12 miners	N/A (Test network)	N/A (Test network)	N/A (Test network)	Final Three and Trust (TYN) based voting process to be realized and verified. Founding miner election via TYN and auction process to be realized. Founding miners organizing into Markets is verified. Store settlement layer security and performance characteristics are measured.
Stage	Alpha network Zero-fee p2p settlement layer	Q1 2020	4 Markets with 36 Validation miners and 7 Storage miners each (92 total)	\$1,298 / Validation miners \$2,489 / Storage miners	4.66% / Validation miners 178.6% / Storage miners	32% / A maximum of 20 Million STCR (2% pegged to security)	Store launches with 4 Markets using the TYN and auction processes. TYN permits hybrid attack on Store's intended core-only one-vote decentralized governance. TYN is also designed to limit attacks and vote buying. Miners in the 4 Markets secure Store's public blockchain and earn equitable block rewards for their work.
Stage	Beta network Zero-fee p2p settlement layer	Q1 2022	4 Markets with 36 Validation miners and 7 Storage miners each (58 total)	\$1,324 / Validation miners \$4,739 / Storage miners	4.32% / Validation miners 11.30% / Storage miners	42% / A maximum of 20 Million STCR (2% pegged to security)	With miners visible security by the founding miners in place, Store grows in the 5 of Markets and miners. Final Store governance ratification process starts.
Stage	Production network Zero-fee p2p settlement layer	Q1 2022	9 Markets with 36 Validation miners and 7 Storage miners each (207 total)	\$1,324 / Validation miners \$2,640 / Storage miners	3.22% / Validation miners 8.29% / Storage miners	32% / A maximum of 20 Million STCR (2% pegged to security)	A vote to ratify Store's proposed governance has occurred. If ratified, then all decisions moving forward will be fully decentralized through a one-vote, one-vote governance of clients and balances. Store would move from Open Vote to a Decentralized Vote conducted via a fully decentralized independent infrastructure. Store would be fully decentralized.

The path to p2p computing with tokenized data begins through a test network

Discovery	p2p cloud computing platform test network	Q1 2022	At least 12 Markets [1] with 36 Validation miners and 7 Storage miners each (2% total)	N/A (Test network)	N/A (Test network)	N/A (Test network)	Customer's first tasks are introduced through one-vote one-vote ratification. If ratification has occurred, Store will become an organization similar to the Ethereum Foundation. A single body will have full control over consensus on the side chain, to Treasury for the ecosystem, to Treasury for funding engineers and operations, more.
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Once governance approves new markets, the era of computing with datacoins begins.

Revolutionary	Production network p2p cloud computing platform	2023-24	At least 12 Markets [1] with 36 Validation miners and 7 Storage miners each (2% total)	\$3,809 / Validation miners \$1,011,724 / Storage miners	2.77% / Validation miners 7.41% / Storage miners	32% / A maximum of 20 Million STCR (2% pegged to security)	If a one-vote, one-vote governance is in place, STCR will be on a path to zero-fee global money and to zero the global money and to bring the currency required to purchase p2p cloud computing resources from Store miners. Data of apps, games, IoT devices, and more can be transacted into new programmable money called datacoins.
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[1] Governance can add new Markets through a vote. If added, existing Markets are paid a 4-year founding miner reward from new markets in the form of block rewards. The earlier the founding Market, the larger their reward. The founder's reward incentivizes Market growth and therefore new use cases and expanded capacity for the STORE p2p cloud.

[2] Final yields earned by miners are determined by the overall distribution of stake between mining groups. Earnings are proportional to the overall security (stake) being provided. The more security being provided by a mining group, the more of the security budget that mining group earns relative to other mining groups.

NOTES

** Estimated annual cost to run a node calculations are based upon release factors in September 2019, which may change significantly prior to the specified anticipated launch dates.

*** Estimated Yield is based upon the annual return on STORE tokens provided with respect to tokens staked by the node operator and assumes that the number and type of nodes indicated is accurate. The Yield is not intended as a measure of cash-on-cash return, and does not take into account STORE token trading exchange liquidity and other factors that can cause material pressure on token values.

**** The security budget on Store determines the maximum percentage of circulating tokens apply that is staked which will reward miners for security. Any stake beyond the security budget will receive zero block rewards. The security budget also exists to ensure STORE has a viable and practical zero-fee payments use case.

***** Inflationary Rewards are added to the circulating tokens apply to incentivize miners to secure, scale, and govern the blockchain. They're also used to incentivize STORE adoption, operations, and more. Inflationary Rewards are pegged to the amount of circulating tokens apply that is staked (security). They are limited by the Security Budget.

DISCLAIMERS

* The Store economic model calculator is designed to be an informational and educational tool only and does not constitute either investment or business advice. We have created the model based on our researched assumptions and theories. We are constantly working to improve our models which are subject to change. We cannot assure that at any time our assumptions will be accurate, or that our theories will prove to be correct. The Store economic model calculator provides results based upon data you provide. We provide no guidance in respect of the data you may input and make no warranty in respect of the results you receive. Store is not responsible for any human or mechanical errors or omissions. Store is not responsible for the consequences of any decisions or actions taken in reliance upon or as a result of the information provided by the Store economic model calculator.

** Information provided in this research publication is provided solely for the purposes of obtaining peer review of Store's anticipated governance timing and participant incentives. It should not be used for any other purpose. Store recognizes that certain readers may use this information as part of their analysis as to whether to pursue running a node in the Store blockchain ecosystem. The data in this research publication is based upon many different assumptions and calculations, some of which are entirely theoretical in nature, others of which are based upon third-party information not readily verified. Store cannot provide any assurance that the timing, cost estimates, other data and calculations provided in this research publication are correct, and in fact peer review may result in significant revisions. Store is not obligated to publish any updates or corrections to this information. The data presented in this research publication is not to be relied upon for purchasing STORE tokens, or for determining whether to pursue operation of a node in the Store blockchain ecosystem.

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