

Staked

Staked operates highly reliable and secure staking infrastructure for **20+ PoS protocols** on behalf of the leading crypto asset investors in the industry.



Highly Reliable and Secure

We use Kubernetes to distribute across multiple cloud providers, and have never been slashed, hacked or experienced extended downtime in 2+ years of operation.



Non-Custodial

Your funds remain safely in your Coinbase Custody account at all times throughout the staking process.



Flexible Go-To-Market

Delegate to our public validator, or we can operate a separate white-labeled validator on your behalf.



Broadest Asset Coverage

Live on 20+ PoS mainnets including Keep, Tezos, Cosmos, Decred, Terra and Livepeer. Operating on 15+ testnets launching in 2020 including Polkadot, Cardano, Near, NuCypher and Oasis.



Block-Level Reporting

Designed for fund admins and accountants, the reporting is exportable, and includes all staking and delegation transactions.



Keep Network (KEEP)

Overview:

The Keep network is a privacy layer for public blockchains based on multi-party computation. A “keep” is an off-chain container for private data that allows smart contracts to use private data without exposing the data to the public blockchain.

Key Metrics

Expected Launch: **May 4, 2020**

Year 1 Subsidy: **2.0%**

Estimated Year 1 Yield: **3.4% + ETH fees**

Lock-Up Period: **60 days**

Slashing: **1% of minimum stake (100k KEEP) for availability and 100% of minimum stake for unauthorized signing**

Schedule Discussion

Contact: **Cole Kennelly, Account Manager**

Email: **sales@staked.us**

Calendar: **<https://bit.ly/2Y2dGjz>**

<http://staked.us>

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Key Dates

04/27/20: KEEP token contract deployment and distribution

05/04/20: Keep Random Beacon mainnet launch and staking dashboard release

05/11/20: tBTC mainnet launch and start of Stakedrop for KEEP holders

06/08/20: Public Stakedrop launch for non-KEEP holders (ETH-only bonders)

Stakedrop

20% of the KEEP supply, or 200 MM tokens, worth \$24MM at \$0.12 per KEEP, has been reserved for a Stakedrop to incentivize node participation during the first year of network operation.

Starting on May 11, 2020 and running for 12 months, 2% of the KEEP supply will be distributed to KEEP stakers, and 18% of the KEEP supply will be distributed to tBTC stakers with bonded ETH, as part of the Keep Stakedrop.

Keep stakers will earn an annual stakedrop yield of ~ 3.4%, while tBTC stakers will earn a ~ 50%+ yield in \$USD terms on their bonded ETH. Importantly, ~ 65% of the Stakedrop tokens will be distributed to stakers in the first 3 months of the program, and ~ 90% of the tokens will be distributed by month 6.

Rewards

The Keep Network has a fixed supply of 1BN KEEP tokens, and a fee-based, non-inflationary rewards model. At launch, there will be 3 types of rewards:

1. Random Beacon signing fees paid in ETH for KEEP Stakers

2. tBTC signing fees paid in tBTC for ETH Bonders

3. Stakedrop staking rewards paid in KEEP for both KEEP Stakers (2% of KEEP supply) and ETH Bonders (18% of KEEP supply)

KEEP Stakers: Random Beacon signing fees (per transaction fees) + 2% of KEEP supply (\$2.4MM) from Stakedrop

tBTC Stakers: tBTC signing fees (20 bps per 6 months) + 18% of KEEP token supply (\$21.5MM) from Stakedrop

KEEP stakers earn random beacon signing fees paid in ETH, and tBTC stakers with bonded ETH earn tBTC signing fees paid in tBTC. Random beacon signers earn fees of \$10 - \$50 in ETH per transaction. Since tBTC deposits have 6 month terms unless redeemed earlier, tBTC signers earn rewards approximately every six months. tBTC network fees will start at 0.2% per deposit, and are expected to increase to 1.0% per deposit by the end of the year 1.

Rewards (Continued)

Bonded ETH is selected to be used as tBTC collateral by determining the amount of ETH required to maintain the **system's target collateral ratio of 150% ETH to tBTC**, and the amount of a node's staked KEEP. **Selection is weighted probabilistically** towards nodes with higher KEEP stakes, provided the nodes have enough bonded ETH available to satisfy the bonding requirement.

Bonded ETH that is being used as collateral for BTC deposits will earn the Stakedrop rewards on a pro-rata basis. Bonded ETH that is not being used as tBTC collateral will not earn any fees or Stakedrop rewards.

It will be possible to bond ETH via the Keep Dashboard starting on May 11, 2020 when the tBTC network launches, and start earning Stakedrop rewards in advance of the public Stakedrop launch for non-KEEP holders on June 8, 2020.

Bonding ETH will be non-custodial. Bonded ETH is escrowed on-chain in the audited tBTC smart contracts. All signing fees and Stakedrop rewards are distributed on-chain at the protocol level to the beneficiary address associated with the KEEP delegation.

Mechanics

Rewards need to be claimed manually via the Keep staking dashboard. KEEP tokens earned in the Stakedrop need to be manually re-staked for compounding.

KEEP tokens vest linearly, but all unvested tokens can be staked and are eligible to earn all signing fees and Stakedrop distributions. **Staked KEEP tokens have a 60 day lock-up period, while ETH is bonded for the lifetime of the tBTC contract it's collateralizing.** ETH is unbonded when the associated tBTC is redeemed, or burned. tBTC can remain in circulation for up to 6 months before the contract term expires.

Slashing

At launch, the slashing penalty for non-availability / downtime will be **1% of the minimum stake** amount of 100,000 KEEP, increasing to 50% after 3 months and 100% after 6 months. **100% of the minimum stake** will always be slashed for provable malicious behavior such as unauthorized or double signing.

Delegation

On April 27th, you will receive your token allocation grant in the wallet that you've confirmed with the Keep team. Go to **dashboard.keep.network** and connect to the wallet with your KEEP token grant.

On the **Tokens** tab of the **Token Dashboard**, choose the grant you want to delegate from the **Choose Grant** drop-down on the **Granted** sub-navigation. Enter the token amount that you want to delegate into the **Token Amount** input field.

To delegate to Staked, enter the following address in the Operator Address field:

Please contact sales@staked.us for an Operator Address

Owner Address: Address supplied to the Keep team for your token grant.

Beneficiary Address: Optional secondary address that can be used to receive rewards. Enter your Owner Address if you don't want to use a different address for rewards.

Operator Address: Delegation address responsible for performing the work in the Keep network. To delegate to Staked, enter the following address in the Operator Address field:

Please contact sales@staked.us for an Operator Address

Authorizer Address: Address that approves operator smart contracts and slashing rules for operator misbehavior. If you want to delegate approval powers for future smart contract upgrades, enter Staked's Operator Address in this field. If you want to retain approval powers, enter your Owner Address in this field.

After you have chosen the grant you want to delegate, entered the amount and completed the **Enter Addresses** section, click on the **DELEGATE STAKE** button to delegate to Staked!

Claiming Rewards

All KEEP rewards, including signing fees and Stakedrop rewards, need to be manually claimed in the Rewards tab of the Token Dashboard. After claiming KEEP rewards from the Stakedrop, you will need to manually re-delegate them using the process detailed above in the Tokens tab. However, instead of choosing a grant from the Granted sub-navigation, you will be delegating tokens you already own from the Owned sub-navigation.