

Case Study

Lido Simple DVT



Using DVT to scale and decentralise a node operator set

\$1b+

Stake approved
on SimpleDVT

219

Obol DV
Operators

36

Obol DV
Clusters



Improved
Performance

“

Utilizing Obol based DVT in the Lido Simple DVT Module has enabled Lido to greatly expand the number of Node Operators using the protocol to run validators. Obol DVs have demonstrated strong performance and the usage of Obol's DKG provides enhanced key security. For the first time, solo and community stakers are running validators alongside professional node operators, greatly increasing the decentralization and censorship resistance of the Lido on Ethereum validator set.

Will Shannon

LIDO CONTRIBUTOR, NOM WORKSTREAM

Situation

How can Lido scale and decentralise their node operator set when there are only a few large professional node operators in the world? Following rapid growth in 2021 and 2022, Lido's node operations hinged on a limited number of professional, trusted node operators. In order to decentralise, in 2022 Lido set a goal to leverage DVs as a key technology to safely onboard the long tail of node operators.

Action

Lido organised three testnet waves, involving hundreds of operators running thousands of DVs, before onboarding three cohorts of Obol operators to the mainnet SimpleDVT module in 2024. With DAO approval to stake \$1b+ (4% of total Lido stake), Lido is currently ramping up stake on the SDVT module.

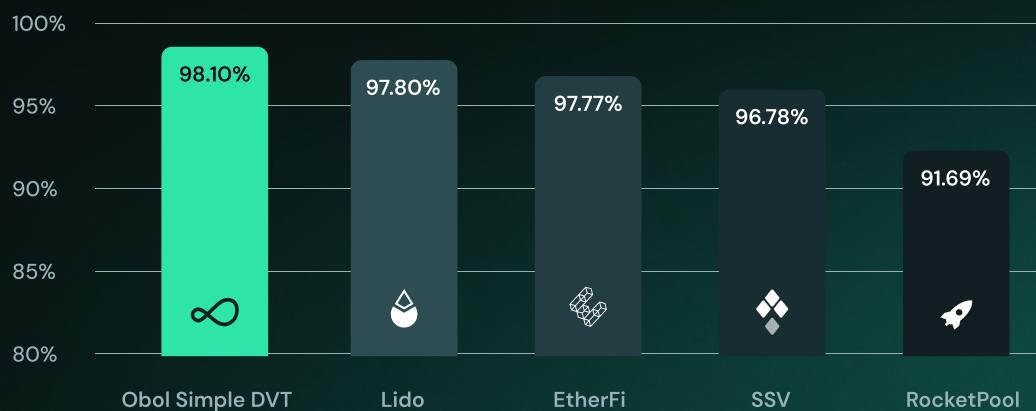


Impact

Lido used DVs to vastly scale their operator set from 36 to 200+, all while improving performance, enhancing resilience against slashing and downtime. By using DVs to mitigate these risks, Lido was able access the previously inaccessible long tail of Ethereum node operators, who were keen to get involved.

RAVER, 30 days Performance

Sep 16th, 2024



Contact us

To discover how Obol DVs can help expand your staking pool, [contact us](#).