

Techne Credential Program



Easily build a decentralised validator set by leveraging a set of operators holding Obol's Techne Credential. An earned, on-chain representation of node operator skill and experience, Obol's Techne program provides protocols with a set of credentialled operators who are committed to decentralisation and already have proven themselves in both testnet and mainnet environments.

Strategic Advantages

Credentialled Operators: Access a pool of over 3,000 node operators, with around 350 demonstrating exceptional performance on mainnet.

Global Community: Techne holders span six continents, with active efforts to credential additional users in regions like Africa and South America.



Credential Levels and Qualifications

As part of the credentialing process, Obol monitors metrics from operators on testnet and mainnet, including attestations, block proposals, latency to cluster peers, uptime, client version, and more. Those who demonstrate active management of their node and meet a performance threshold are awarded the appropriate credential.



Base Holders
(~3,000)



Bronze Holders
(~500)



Silver Holders
(~350)

Deployed a single Distributed Validator (DV) on testnet for at least 30 days.

Deployed a 50 key DV on testnet for at least 30 days.

Deployed at least one DV on mainnet for a minimum of 60 days.

Achieved performance metrics on par with top liquid staking providers (LSP).

Shared detailed cluster monitoring including individual peer performance.

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Performance exceeded uptime and effectiveness benchmarks set by LSP.

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Program Benefits

Security: Distributed Validators (DVs) enhance network resilience through Byzantine fault tolerance and reduced slashing risks. DVs reduce the single points of failure by distributing responsibilities across multiple operators.

Scalability: Leveraging operators who manage their own hardware reduces costs and streamlines the process of scaling a validator set.

Decentralization: By leveraging a global set of operators, Techne promotes a decentralized validator set that aligns with Ethereum's core values.