



Stake Pool Reference Implementation

Grant Opportunity

Overview

To jumpstart the Solana stake pool ecosystem, the Solana Foundation will be providing up to three grants to community members that will deploy stake pools to testnet, innovate on delegation bot algorithms and educate the broader community on the function and value of this tool in promoting censorship resistance.

Scope

Development

- Launch a [stake pool](#) on testnet that can verifiably
 - Receive SOL deposits
 - Return SPL that demonstrates the proportional ownership of deposited SOL
 - Demonstrate that the corresponding proportion of stakes were delegated across the network
- Create a Delegation Bot that provides a novel strategy to delegating deposited SOL to testnet validators in a way that promotes censorship resistance and improves token holder ROI.
- Create wallet function to provide visibility into the value of stake pool tokens.
- The Delegation Bot must have a defined whitelist of validators and unstake validators dynamically when the whitelist changes and drops a node. Possible resources:
 - <https://github.com/stakeconomy/solanamonitoring>

Education

- Publish your stake pool reference implementation to a public Github repo. In this repo, explain your delegation approach.
- Participate in a livestream hosted by the Solana Foundation walking through the reference implementation on testnet from start to finish. This will be reposted and shared by the Foundation across Youtube, Twitter and other properties.
- Twitter with a link to the github repo and tag @solana. We will RT!

Timeline

- Grant scope must be delivered within no more than 30 days of grant agreement to receive grant award.

Grant Award

- Grantees shall be rewarded either 800 SOL or \$10,000 USDC-SPL, depending on where they are located. SOL payments will be locked for 1-year after receipt.
- Grant amount will be delivered on completion of aforementioned scope.

Point of contact

For questions on this Grant Opportunity, please email grants@solana.foundation.

How to apply

Please send your application to grants@solana.foundation with the following information:

- Team background and experience
- Information on previous Solana community participation
- A high level roadmap with defined project phases, milestones and timing.
- Any creative ideas beyond the scope of what's outlined in this document that helps advance the project goals and stake pool adoption.