



Stake Pool Ecosystem Dashboard

Grant Opportunity

Overview

To support the launch of on-chain stake pools, the Solana Foundation will be issuing one or more grants to teams that can develop public monitoring and analytics tools for stake pools. This visibility will be key in supporting the successful launch of stake pools, and provide meaningful data to token holders that are considering delegating their stake to one or more pools.

Goals

- Provide access to real time data on Solana stake pools on testnet and mainnet
- At completion of project, provide an open source reference implementation for how to access and visualize stake pool information

Scope

- A website that provides a variety of metrics which are indicative of stake pool performance. For instance:
 - Pool Name
 - Ticker
 - Possible metrics
 - Historical Pool fee
 - Historical Pool manager fee
 - Historical Average validator fee
 - Average Historical Interest/return
 - Number of Nodes
 - List of Nodes
 - Average Pool Skipped Slots
 - Average Pool Uptime
 - Average Pool Delinquent
 - Average Pool node stake
 - Average Pool node lifetime

- The site should explain and provide context on why each metric is important to understanding stake pool performance
- Published reference implementation that would allow other members of the community to access and visualize similar data.
- Site is ideally built with websockets and can push state changes to the front-end for real time monitoring.
- The grantee commits to maintaining the website for at least a 1-year period.

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 300 SOL or \$12,500 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 deliverables.

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.