Abstract

DataHub ([DataHub: The Web 3 Gateway - Figment - Building Web 3](#)) helps developers build applications on the Secret Network without having to manage blockchain infrastructure or develop custom middleware. We make sure they can focus on what they do best: developing amazing software.

DataHub will scale its Secret infrastructure to support more Secret DApps and prepare for the network's growth.

Project Description

Figment is looking to scale its Secret Network infrastructure powering its DataHub services.

As part of the DataHub API suite, Figment hosts Gateway Access which allows developers to submit transactions and perform read queries on the Secret Network.

Developers are able to sign up and access live blockchain data and submit transactions without having to worry about maintaining blockchain infrastructure or doing custom integrations. We provide reliable access to the Tendermint RPC and the Secret REST API as well as providing the gateway to submit on-chain transactions. Both the latest mainnet and the latest testnet are supported, and an archive node option will be available to users as part of the subscription plans.

While Figment already operates the Secret DataHub service, we have been running into provisioning issues around Secret nodes which are more complex in nature than usual nodes given the need for SGX-enabled servers. This grant will allow us to provision enough servers to support Secret Network's growth throughout the next year as to avoid any interruptions to the service for scaling startups.

Deliverables & Milestones

1. Figment will triple its Secret node infrastructure over the year

2. Figment will allocate part of the time of a DevOps engineer to the optimization of Secret APIs & infrastructure

The milestone unlocking the second half of the grant will require Secret DataHub to process over 10m requests/day for at least one day.

Ecosystem Value & Success Metrics

Figment DataHub already supports some of the leading organizations in the Secret ecosystem such as Keplr, Binance, and Enigma. With this project, Figment wants to increase developer adoption on the Secret Network.

To track the success of this project, Figment will track the following metrics:

- of requests made via Secret Gateway Access

- of Secret DataHub Subscribers

Budget

DataHub currently operates a mix of 12 bare metal servers and azure instances which cost about $6,000/month. Tripling that capacity will take us well over $200k/year in Secret node infrastructure. To support this growth, we are looking for a grant in SCRT tokens.

The grant includes the continued and scaled hosting of the Secret DataHub service:

- $50,000 USD equivalent in $SCRT tokens upon acceptance of this proposal

About Figment

[Figment's](#) mission is to build a better Internet by increasing usage of the next generation of Proof of Stake blockchains. These efficient blockchains give people greater control of their data, more privacy, and increase financial inclusion. By eliminating intermediaries they also limit the power of centralized data monopolies, rent seeking financial institutions and anti-social algorithms.

We bring our mission to reality by helping investors stake their tokens; earn yield and participate in securing the blockchain. Our [Hubble](#) and [Prime](#) applications as well as our governance expertise allow token holders to analyze, monitor and make informed decisions. We build Web 3 developer communities via our Learn education program and then make it simple for these developers to launch applications and manage smart contracts via our [DataHub](#) platform. And finally by building and operating [The Graph](#) based indexers we enable the efficient search and querying of blockchain data.

Together, we can build a better Internet.

We welcome feedback on this proposal and are looking forward to working with the Secret Community to accelerate the adoption of the protocol.