



Sia Foundation
Quarterly Report

Q1 2024

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HIGHLIGHTS

**JANUARY
2024**



Finalized Paris Blockchain Week, Consensus, and Mainnet sponsorships

**FEBRUARY
2023**



Outlined RHP4 spec and built initial implementations

**MARCH
2024**



Officially sponsored *rc/one* development



MISSION

The Sia Foundation, Inc. is a registered 501(c)(3) non-profit dedicated to revolutionizing data storage through decentralization.

We believe that the success of Sia relies on a positive feedback loop involving:

- **Developers** who improve the Sia protocol, and create products, tools, and services that support its use.
- **Research** that enhances the ability to use Sia and the Sia network for a broader range of data storage.
- **Adoption** of Sia as a performant and scalable storage platform
- **Users** who are attracted by the utility of Sia and the services that entrepreneurs build on the Sia network.

Our objectives are to:

- **Support the Sia ecosystem** - We aim to do this by providing resources and removing obstacles that discourage developers, entrepreneurs, and others from building, adopting, or supporting Sia.
- **Maintain and Build the Sia network** - We aim to create a user-friendly, fast, and scalable decentralized storage network through cutting-edge research on peer-to-peer networks, blockchains, and storage protocols.
- **Educate Users** We do this by creating content, organizing events, and hosting workshops.



**Jan
2024**



**Quarterly
Report**

STAFFING



Luke



Chris



Frances



Nate



James



Josh



Alex



Kino



Eddie



Steve



PJ



Chris



Oliver



Murray

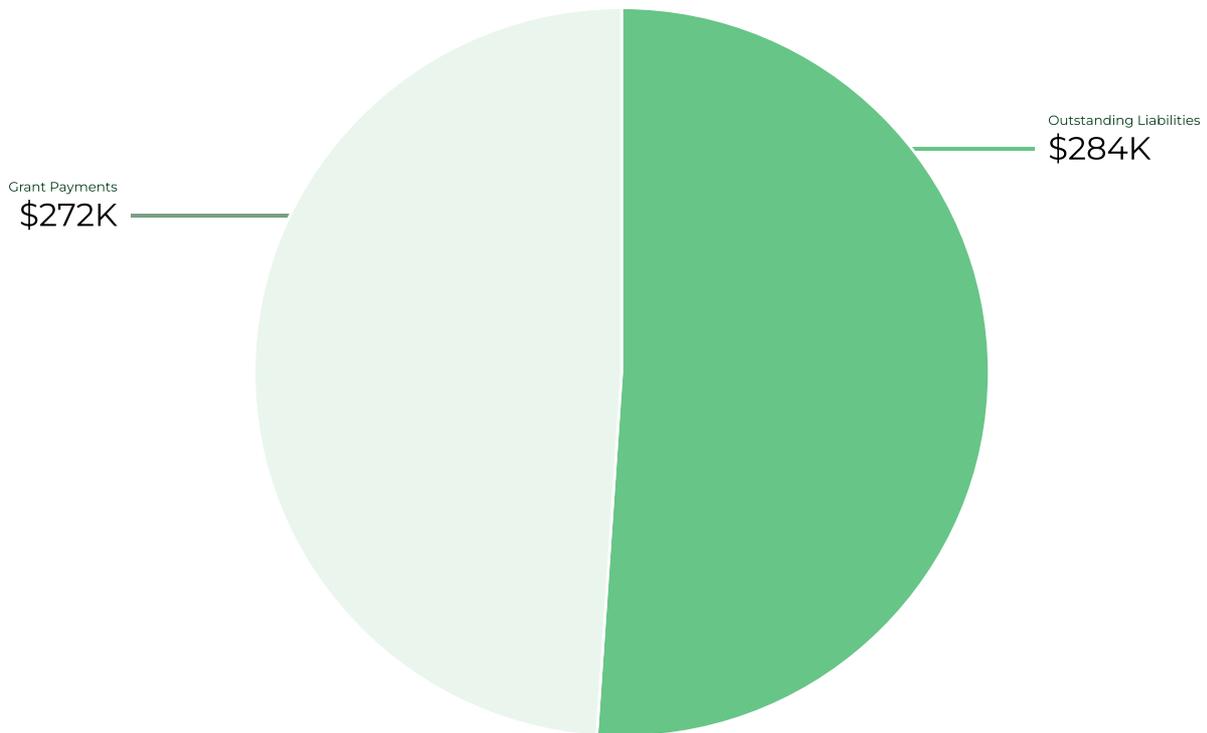


GRANTS OVERVIEW

The Sia Foundation Grants Program funds independent teams entering the Sia ecosystem to perform development or other work for the public benefit. Some key areas of funding include: wallets, interoperability, apps, services, integrations, research, and content creation.

The grants program is administered by the Foundation and a committee consisting of three community members and three Sia Foundation employees. The committee meets bi-weekly to discuss new grant submissions.

In Q1, the grant committee approved 8 grants totaling \$123,441.02 USD. Of those, 5 were small grants. In addition, \$272,357.33 USD was paid to 19 ongoing grant projects.



APPROVED GRANTS

LitPad

\$9,900 USD

Creating an author-friendly online platform that enables writers to share their stories and readers to discover a diverse range of affordable and premium serialized fiction.

Sia renterd mobile app

\$23,600 USD

Designed to provide users with easy access and interaction with their renterd nodes on the Sia network via iOS and Android devices.

Collect3

\$10,000 USD

An innovative browser plugin that aims to redefine the preservation and engagement of digital content within the web3 space

renterd alert bot

\$4,500 USD

Creating an alerts bot for renterd users to help notify them of various important events during use of the app.

Fabstir Web3 Media Player #2

\$37,891.02 USD

A second-phase grant to get the Fabstir media player polished and user-facing.

DeCast Extension

\$8,000 USD

A Chrome browser extension for the DeCast event recordings platform.

Sia FUSE Filesystem

\$4,500 USD

Creating a file system mount through the libfuse library.

DartSia mobile app

\$25,050 USD

Creating an app that allow users of the sia ecosystem to access a renterd node and be able to interact with it.



COMMUNITY

Upcoming Events

Paris Blockchain Week - Apr 8th, 2024 - Apr 12th, 2024

We will be participating in Paris Blockchain Week, where we will be showcasing our latest updates at our booth. We're also hosting a hands-on workshop designed to delve deep into the practical applications of decentralized storage. If you're attending Paris Blockchain Week, we invite you to stop by and talk all things Sia.

"The Future of Data" Workshop - Apr 9th, 2024 3PM

Part of Paris Blockchain Week. Explore the benefits of Sia and decentralized storage with hands-on demos of *renterd* in this 45 minute workshop, hosted by Oliver.

Consensus - May 29th, 2024 - May 31st, 2024

We will also be participating in Consensus. We'll be showing off Sia at our booth and hosting a chat about decentralized storage. If you're in Austin, come join us and support Sia.

Articles

- [Sia S3 Integration: Plex](#)
- [The State of Sia, March 2024](#)
- [Grants Program Update, February 2024](#)
- [The State of Sia, February 2024](#)
- [Grants Program Update, January 2024](#)
- [Media Streaming with Sia: Jellyfin](#)
- [The State of Sia, January 2024](#)
- [Grants Program Update, December 2023](#)
- [Sia S3 Integration: S3FS](#)

Videos

- [Sia Community Call - March 2024](#)
- [Sia Community Call - February 2024](#)
- [Setting up *renterd* on the Zen testnet](#)



DEVELOPMENT

renterd

This quarter started with the v1.0.0 release of `renterd`. The first major stable version. Since then we have released six updates with numerous bug fixes and new features with the most recent one being v1.0.6 which is currently in beta. Amongst the new features are support for attaching custom metadata to objects which is required by third-party tools like `rc1one`, an improved UI for alerts, more ways to sort and filter objects in the UI and a new endpoint for optimizing `renterd` configuration. A `renterd.yml` config file can now also be generated interactively via a new “config” cli command. A lot of work has also gone into migrating `renterd` to our new core consensus which is almost complete.

hostd

Same as `renterd`, we released v1.0.0 of `hostd` at the beginning of the quarter with 3 more updates. The latest one being v1.0.3. Apart from bug fixes `hostd` has received the same “config” cli command for easy generation of a `hostd.yml` file. It also has support for Prometheus, the popular monitoring software on some endpoints now. The migration to the new core consensus is also making good progress and should be ready for testing within the next quarter.

core / coreutils

While migrating `renterd` and `hostd` to the new core consensus, we split off some code to a new repository called `coreutils`. It is meant to serve as a library of helper code for our node software and third parties. As such we have implemented a common wallet implementation which is used by both `renterd` and `hostd` and are working on reference implementations of a client for `rhp4` and a host for testing. It also contains the chain manager and syncer which replace the consensus set and gateway from `siad`. After feedback from community developers as well as our own experience when migrating `renterd` and `hostd`, we remodeled the API of the consensus subscription code which slightly delayed the migration.



DEVELOPMENT

explored

The latest addition to our suite of node software is `explored`. It is a specialized daemon that serves as a block explorer and is currently being built from scratch. It will also have metrics and benchmarking capabilities similar to `SiaStats` before it went offline.

walletd

Progress on `walletd` has been stalled a bit by the work done on `core` and `coreutils`. Some code was pulled out of `walletd` to be shared with `renterd` and `hostd` via `coreutils` and some refactoring has become necessary due to updates to the subscription API of the consensus code. Apart from these changes, `walletd` was upgraded to use SQLite for persistence similar to `renterd` and `hostd` and we have begun work on supporting PostgreSQL for larger, distributed deployments.



FINANCIALS

The Foundation's USD expenses were typical this quarter, with the exception of additional event expenses for Paris Blockchain Week, Consensus, and Messari Mainnet. SC expenses included Hackathon rewards, subsidies for the Zen testnet, funding for our in-house network testing, and uploading public datasets.

Asset Review

Total SC received:	394.20 MS
Total SC spent:	2.13 MS
Total SC converted:	0 MS

● SC
● USD

67.5%

3250 MS

32.5%

\$14.21 MM

A Special Announcement: Quarterly Report Refresh

We're working on refreshing our quarterly report to make it more accurate and useful to the community. We will be expanding the report to provide more insights into our operations and more accurate financial breakdowns. In order to facilitate these changes, we are pushing the quarterly report publish date back to give our accountants time to close out the quarter. The new publishing schedule is as follows:

- The Q1 Report (Jan - Mar) will be published **by the first Monday in June**
- The Q2 Report (Apr - Jun) will be published **by the first Monday in September**
- The Q3 Report (Jul - Sep) will be published **by the first Monday in December**
- The Q4 Report (Oct - Dec) will be published **by the first Monday in March**

We will be publishing an additional Q1 2024 with the new format by **June 3rd, 2024**.



NEXT QUARTER

Add Support for RHP4 to `hostd` and `renterd`

With the consensus migration out of the way we will refocus on implementing the new renter-host protocol. This includes finishing the reference client and server implementations and integrating them into `renterd` and `hostd`. Our goal with the new RHP client is to make it easier than ever for developers to interact with Sia at a low-level.

Reset Anagami for `renterd/hostd`

We are going to launch a new iteration of the Anagami testnet to test renting and hosting with the new “v2” consensus changes. The consensus code and underlying p2p network are the foundation of all node software. They require rigorous testing before releasing on Mainnet.

Release `walletd`

Releasing `walletd` still remains a top priority. With the changes to the backend finalized, we can now update the UI to match the new endpoints and user flows. We expect a very early Q2 release.

Raise Awareness of Sia

Next quarter, we will be participating in our first two major industry events, Paris Blockchain Week and Consensus. This is the first step towards our 2024 goal of reintroducing the Sia project to the public. We will be hosting a workshop and providing hands-on demos of Sia’s capabilities at both events. Our goal is to build on the initial momentum and feedback from these events with additional marketing and partnership outreach.

Refresh Quarterly Report

We will be publishing our first refreshed quarterly report for Q1 2024 with more information, more detailed financials, and budget breakdowns by June 1st.





Things we have never done

The Sia Foundation has never modified its website, transparency reports, or other public content at the request of law enforcement.

The Sia Foundation has never modified any of its software at the request of law enforcement.

The Sia Foundation has never turned over its release-signing key to any law enforcement organization or other third party.

