



# Dizzy Wallet: A Dedicated Zcash Wallet for Discord.

Primary Contact:	James Katz
Amount requested:	\$12,000 USD (upon completion of grant)q
Grant Description:	<p>The adoption of cryptocurrencies has been hindered by a number of factors, including the reluctance of new users to download a full-fledged wallet and general skepticism towards digital currencies. Dizzy Wallet addresses these concerns by automatically creating a wallet for the user, enabling them to receive tips, send, and deposit ZEC with ease. While there is already a bot called <a href="http://tip.cc">tip.cc</a>, that serves a similar purpose, its unreliability and downtime have resulted in the postponement of important events. With full-time dedication to programming, maintenance, and debugging the code, Dizzy Wallet will ensure seamless and uninterrupted usage of ZEC on Discord for the entire community. Dizzy Wallet is exclusively focused on Zcash, making its usage and interface more user-friendly. Outgoing transactions is shielded by default.</p> <p>Dizzy Wallet is versatile and can be added to an unlimited number of servers, providing a seamless and user-friendly experience for a growing number of users. The Dizzy Wallet will be available for public use, allowing integration into a variety of servers, including those focused on Zcash, cryptocurrency in general, gaming, and so on... This will provide a platform for individuals to learn and utilize Zcash. After first contact with Zcash through Dizzy Wallet, users will be encouraged to try traditional wallets, such as ZecWallet, YWallet, Zingo!, and so on ... Just to reiterate, Dizzy Wallet is not meant to be an alternative or replacement for</p>

traditional wallets. Its purpose is for introducing new users to Zcash.

Dizzy Wallet is a Discord bot that provides seamless and secure access to Zcash transactions. The bot will be hosted on a secure cloud computing platform to ensure the highest level of security and reliability. Developing, testing, and deploying such software requires a significant amount of resources and expertise. I hope to be eligible for this grant from Zcash Foundation to cover the costs associated with development, debugging, and maintenance of Dizzy Wallet.

Dizzy Wallet provides an easy and convenient way for new users to enter the world of Zcash, without the need for downloading, installing, and synchronizing a full-fledged wallet. This opens up new opportunities for Zcash adoption and helps to attract a larger user base. Dizzy Wallet enables various community-driven activities on Discord servers, including:

- Normal Zcash transactions (Transparent and Shielded) – providing full access to ZEC transactions.
- Direct tips – allowing users to send ZEC to other users
- Airdrops – encouraging users to join and split rewards
- Active tips – Tipping active users in a channel
- Phrase drops – rewarding users who participate by typing a specific phrase.

The proposed work will consist of the following steps:

- Development, maintenance and hosting of the Dizzy Wallet on a secure cloud computing platform.
- Support of the Zcash Latam Team in promoting Zcash on Discord and engaging users.
- Maintenance and hosting of other Discord bots created for Zcash Latam, such as ZecQuiz and ZecStats.
- Development and procurement of hardware to create a proof-of-concept Zcash Snack Machine, to be showcased at in-person events.
- Availability to assist the Zcash Latam Team in executing any other projects they might undertake.

The hosting of the services will depend on Virtual Cloud Computing services and the proposed solution is to use Amazon AWS for hosting all services. But there are other good VPS that could be considered.

The execution risks for the Dizzy Wallet project seem to be limited. For this particular project, Dizzy Wallet is a hot wallet. I'll be following Brazil's Cryptocurrency legislation to ensure users safety

and privacy. The use of a popular and secure cloud computing provider, such as Amazon AWS, should help mitigate any security concerns. There is no unknown factors that could jeopardize success, since the demand for this kind of service already exists.

- Milestone 1 - estimated completion date: 04/05/2023
  - Milestone 1 - USD value of payout upon completion of deliverables: \$3000.00
  - Deliverable 1.1: First release of Dizzy Wallet for testing (private discord server).
  - Deliverable 1.2: Continue Hosting previous work on Virtual Private Computing service (AWS / Lightsail);
  
- Milestone 2 - estimated completion date: 06/05/2023
  - Milestone 2 - USD value of payout upon completion of deliverables: \$3000.00
  - Deliverable 2.1: Dizzy Wallet will already be in public use (Public release by the end of march / beginning of April).
  - Deliverable 2.2: Intense development, possible bug fixing of Dizzy Wallet;
  - Deliverable 2.3: Continue Hosting previous work on Virtual Private Computing service (AWS / Lightsail);
  - Deliverable 2.4: Thanks to feedback from the forum users, Deliverable 2 will also include: Beta release of a version of this wallet for Telegram, for now, jokingly called Topsy Wallet.
  
- Milestone 3 - USD value of payout upon completion of deliverables: \$3000.00
  - Milestone 3 - estimated completion date: 09/05/2023
  - Deliverable 3.1: Other projects will be ready, like the Snack Machine Proof of Concept.
  - Deliverable 3.2: Continue development, possible bug fixing of Dizzy Wallet;
  - Deliverable 3.3: Continue Hosting previous work on Virtual Private Computing service (AWS / Lightsail);
  
- Milestone 4 - USD value of payout upon completion of deliverables: \$3000.00
  - Milestone 4 - estimated completion date: 12/05/2023
  - Deliverable 4.1: Public release of the source code of Node.js library on github.
  - Deliverable 4.2: Continue development, possible bug fixing of Dizzy Wallet;

	<ul style="list-style-type: none"><li>○ Deliverable 4.3: Continue Hosting previous work on Virtual Private Computing service (AWS / Lightsail);</li></ul> <p>Thank you for you time, for further information about this project, please visit my previous application for ZcashGrants: <a href="https://forum.zcashcommunity.com/t/dizzy-wallet-a-dedicated-zcash-wallet-for-discord/43988?u=james_katz">https://forum.zcashcommunity.com/t/dizzy-wallet-a-dedicated-zcash-wallet-for-discord/43988?u=james_katz</a></p>
Team:	@james_katz: IT professional with extensive experience in management and development, will lead this project. With a passion for Zcash and an active presence in the Zcash Latam Discord community, I'm always trying to help new users have the best experience with Zcash.