



lwd.fail

Primary Contact:	HashingMachine
Amount requested:	\$900.36 USD (up front)
Why is an upfront payment required?	I need funds for the domain and hosting before the deliverable can be completed.
Grant Description:	<p>There is no list of existing lightwalletd servers. This forces wallet users to rely solely on the preconfigured server for their wallet, which can be detrimental to both usability and privacy. Firstly, if the preconfigured server is offline or unreachable for any reason, the user is unable to make transactions or see their current balance. Secondly, by relying on a single server, users allow a single entity to monitor all of their Zcash activity, such as when they make or expect to receive transactions, which can be used by malicious or compromised servers for linking transactions. Furthermore, it makes it cumbersome for new developers to start working on their applications, as they have to do their own research to find usable lightwalletd servers.</p> <p>My solution is to provide a list of existing lightwalletd servers, along with its status and other data that can be useful for users and developers, such as the server's blockchain height and the blockchain it is operating on, such as testnet or mainnet. This makes it possible for users and developers to choose the server that is ideal for their purposes and switch to another server when they have to, be it for privacy or reachability reasons. To improve usability even more, the list is made available both in an user-readable format and in a format that is easy for software to parse to provide easy integration with wallets and other software.</p>

	For this, I am going to need \$300.36 USD for the hosting and domain registration costs for two years (hosting is \$257, domain is \$43.36) and \$600 USD for the development cost (\$50/hour * 12).
Team:	HashingMachine - A software and web developer. Author of lwd.fail, whose source code can be found at https://github.com/HashingMachine/lwdfail