The ZLP token of ZilPay wallet.

Abstract

ZilPay allows its users to manage accounts and their keys in a variety of ways, including via hardware wallets. This allows the keys to be isolated from the site context. This is a great security improvement over storing the user keys on a single central server, or even in local storage, which is vulnerable to mass account thefts.

This security feature also allows for developer convenience for:
- Interacting with the Zilliqa API
- Identification of users of web3-compatible browsers (like ZilPay users)
- Interactive and secure signing of transactions via a human-readable user prompt. This allows the developers to keep users informed at all times and protect its users from malicious actors.

In this paper, we are happy to present the ZLP digital flow token and a brand new ZilPay dApp explorer. This paper will outline the current state of the dApp explorers out in the market, present our unique selling point compared to these competitors, explain how the development roadmap will look like, and showcase how the ZLP token will power the ZilPay services.

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1. Introduction

The Zilliqa blockchain is a protocol for building decentralized applications. It is an open-source and public blockchain-based distributed computing platform which features smart contracts functionality, also called scripting. It provides decentralized smart contracts via its Scilla language, which executes scripts using an international network of public nodes. DApps are more flexible, transparent, distributed, and resilient and have a better incentivized structured software model.

Developers are sharing different opinions as to what defines DApp precisely. Certain say that having no central point of failure is the most important attribute and others say there are more requirements to it.

The Zilliqa Platform can allow anyone to write smart contracts and decentralized applications where you can choose your own 'rules' for ownership, transactions formats and transitions functions. Multiple kinds of types are being created, such as financial, governance, community, legal, health, education. They permit a more direct interaction between two parties.

The ZilPay explorer can promote your DApp via ZLP token. You can buy banners in the ZilPay explorer with the ZLP tokens that are readily available on decentralized exchanges such as ZilSwap, and start promoting your very own DApp within the explorer.

1.1 Current market overview

There are many DApp explorers, but all the explorers are centralized.

- [State of the Dapps](#)
- [DappRadar](#)
- [Dapp Review](#)

2.   ZLP Token.

The ZLP token is a cryptocurrency that allows you to buy ads in the ZilPay services.

ZLP Tokens are ZRC2 tokens that have been minted starting in Oct 2020. In the future, ZLP token holders will get access to additional functionalities on the ZilPay services.

To use the services of ZilPay, users will burn their tokens.

2.1 Token Technology

The ZLP token that is a ZRC2 compliant token currently live on the Zilliqa blockchain is an important element of a new marketplace. Zilliqa is an open source, blockchain-based, distributed computing platform oriented towards smart contracts. Effectively, Zilliqa is a distributed platform that allows end users to construct smart contracts for transactions. Smart contracts are stateful applications stored in the Zilliqa blockchain. These contracts are cryptographically secure and can verify or enforce performance of the contract.

2.2 Mint function.

Mintable tokens are ZRC2-compatible tokens with one added feature: new tokens can be created at any time and added to total supply. Standard ZRC2 tokens don't have this feature, which makes them a fixed supply tokens.

All created ZLP tokens were sent to the zilswap.io exchange (1,000,000 ZLPs).

When users use a token, they actually destroy them, so that users can buy new tokens, they can be created at any time.

The ZilPay team will create tokens for sale on the exchange.

Our plan to maintain the number of tokens at the rate of (1,000,000 ZLP)

2.3 Burn function.

Burnable tokens can destroy tokens. Burn function can call the contract manager, when validators have removed.

When a user buys any service of ZilPay services, it means that his tokens will be destroyed irrevocably.

3. How does work?

- Advertiser sent transaction with 10 ZLP token to a contract,

On Contract it will create a task for validators, validators see that task and make a decision to approve or reject that.

```
advertising_list = [
        {
                next_block: 827098
                domain: "mintable.app"
                amount: "100000000000000000000"
        }
]
```

$$nextBlock = (amount/10^{18})) + currentBlockNumbe$$

When `nextblock` = `currentblock` - campaign has ended.

When the advertiser got the place of explorer, ZilPay mobile showed that app as priority.

4.   Roadmap

ZilPay has an ambitious roadmap that it is developing in conjunction with supporting its current services.

- ZilPay mobile version
  - Design application (UI/UX).
  - Android Application.
  - IOS application.
  - Web3.
  - Testing.
- Smart contract manager.
  - Developing.
  - Testing.
- Firebase API for database explorer.
- Explorer
  - Web.
  - Mobile.
- Testing testnet.
- Launch mainnet.

5.   Team Members.
- Rinat Hasanshin, CEO, owner ZIlPay organization.

6.   Token Launch.
- Tokens address: zil1l0g8u6f9g0fsvjuu74ctyla2hltefrdyt7k5f4
- Current token supply: 1,000,000

7.   ZilPay FAQs.

What does ZilPay stand for and what is it?
ZilPay is a wallet for accessing Zilliqa enabled distributed applications, or "Dapps" in your Web3!

What do ZLPs represent?
ZLPs are tokens in a ZilPay services.
They are not refundable, nor are they securities or for speculation. There is no promise of future performance. There is no suggestion or promise that ZLP has or will hold a particular value. ZLPs give no rights in the company and do not represent participation in the company. ZLPs are sold as a functional good. Any value received by the company may be spent without conditions. ZLPs are meant only for experts in cryptographic tokens and blockchain-based software systems.

What amount is being raised? What's the cap of tokens? Will there be a follow-on offering?
We focus on the sale of tokens for the normal operation of ZilPay services.

What cryptocurrencies are accepted for crowdsale?
Token is strongly pegged to $ZIL, you can also exchange tokens for others.

References

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- ZLP token contract [zil1l0g8u6f9g0fsvjuu74ctyla2hltefrdyt7k5f4](#)