



GenesisToken

Whitepaper

ABSTRACT

Genesis aims to build a decentralized, secure and trusted blockchain operating system that deconstructs the existing services and applies various decentralized services and components to ensure that users can make use of services and applications on the blockchain safely and easily to achieve the transmission of information and value.

TABLE OF CONTENT

Introduction.....	
1. ABSTRACT.....	2
2.BACKGROUND.....	4
3. NETWORK.....	5
3.1Role of Network.....	5
3.2 Meta-network Construction.....	5
3.3 Routing.....	5
4. APPLICATION BASIS.....	6
4.1 Runtime Environment.....	6
4.2 Application Structure.....	6
4.3 Decentralized Service Component.....	6
4.4 DApp Store.....	7
5. TOKEN DISTRIBUTION.....	8
6. ROADMAP.....	9
7. CONCLUSION.....	10

2. BACKGROUND

Blockchain technology is known through the birth of Bitcoin in 2008. Since then developers and entrepreneurs have been experimenting with this technology in hopes of applying it in a broader range of products to solve the technical pain points in different industries.

However, blockchain technology is not a technology that solves technical pain points in the existing corporate structures. Instead, it works on a self-governing and non-central value network to maintain a safe, continuous operation of the network through incentives mechanism.

Ethereum brings the potential for non-stop applications with the smart contract architecture. In 2017, revolutionary solutions and implementations such as the KyberNetwork, 0x Protocol, and Radian Network emerged over the Ethereum, bringing the prospects and expectations of non-center application to the future.

At the same time, many public chains that can carry applications are also emerging, such as EOS, ADA.

However, devices like mobile phone that has the most significant number of users and that takes most time of the users still run on an Genesis that relies on a central server, from user account systems to personal data backups, then to building application logic on Genesis. Apparently, the existing Genesis does not provide a foundation for the future application of the blockchain.

3. NETWORK

The network connection will eventually be accessible without limit.

3.1 Role of Network

In Genesis network, we can ensure network connection and autonomous economic construction in different ways.

We distinguish the way of meta-network nodes and routing network nodes.

3.2 Meta-network Construction

Meta-network is the smallest unit of a local area network.

In the meta-network, different nodes are peer-to-peer with each other and do not need additional traffic costs. The construction of meta-networks mainly occurs in a small area. The interconnection between devices at a short distance can be achieved directly through Bluetooth and other protocols.

Genesis can be interconnected to build a meta-network and difficult as a minimum unit. When sending data in the meta-network, the application layer protocol itself will do many obfuscation measures; the data will be fragmented, encrypted to ensure that the data transmission in the meta-network will not leak data content.

3.3 Routing

Routing can connect to different meta-networks and the upper WAN.

Multiple routing can form a meta-network structure. They provide data exchange services between different meta-networks to form a non-central traffic market.

In Genesis, routing nodes which connect to different meta-networks can provide traffic exchange between different meta-networks or between meta-networks and wide-area networks. Thus, a device as a routing node can obtain economic return as well.

4. APPLICATION BASIS

Genesis integrates rich, easy-to-use decentralized services and components for DApp developers, which allow them to put less effort and to focus more on how to construct application logic.

4.1 Runtime Environment

The Genesis runtime environment works as a sandbox environment for Native DApp. It ensures:

- complete isolation
- executive efficiency
- the calling environment of decentralized components

The complete isolation provides a safe running space for DApp. The "safe" in this context refers not only that the data of an App itself cannot be infringed, but also that the operation with other App is isolated from each other.

As a Native App, the efficiency of execution is crucial, which is directly related to the quality of the user experience. At the system's priority level, Genesis preempts transactions related to user interaction while network-IO-related execution runs in parallel in the background.

4.2 Application Structure

The DApp on Genesis includes two key components: Genesis services components, UI components.

The decentralized service component will be discussed here.

4.3 Decentralized Service Component

As mentioned above, numerous decentralized services on Ethereum spring up. For developers, how to interface with best practices is crucial. It affects not only the development progress of DApp but also user's asset security or other issues.

Therefore, Genesis is expected to provide developers with:

- SDK for quick component integration
- rich document
- best practice access sample
- active developer community

For example, when a user in a DApp needs to purchase an item with ETH, he no longer needs to go to the wallet to start a transaction. Instead, he can use Genesis payment function in the DApp to show the payment request information to the user. User's perspective will also change from the transaction logic in the past to the payment logic. It brings possibilities for a wider use of cryptographic assets.

4.4 DApp Store

In addition to technological breakthroughs, Genesis may bring an element to the ecosystem, that is, DApp Store.

Unlike App Store or Google Play, we expect DApp not to be a centralized operator, but to be a decentralized market where users are directly involved in operations.

New business models can be built on it. For example, the revenue from DApp can directly go to the rating users or recommended users without any intermediate role to deprive DApp's revenue.

Moreover, since the data of the user identity is no longer distributed in different systems, different DApps can be customized based on the same user identity, even when the data is used from the DApp Store. Developers can find users who match their target group by paying a recommendation to the DApp Store. These users will not only receive revenue directly (in fact, users will think they have received tokens even if they don't do anything), but they will also promote DApp's high conversion rate.

5. TOKEN DISTRIBUTION

Genesis token, or GENT is a native cryptocurrency on the Genesis blockchain for trading, digital assets, gas fees, etc., with a total circulation of 38,000,000,000.

GENT Distribution:

Developer Community (5%)

Business Partnership (5%)

Foundation (5%)

Token Sale (70%)

Team (15%)

6. ROADMAP

October 2018

CONCEPT IDEA

November 2018

Start ICO

December 2018

List on Exchanges Coinmarketcap

January 2019

More Exchanges Update website

February 2019

Integrated wallet (iOS, Android, Web)

March 2019

Integrated GENT token on Web and mobile

April 2019

Announcement Partnership

7. CONCLUSION

Genesis has entered a new field that the cryptocurrency that has never touched before. It will serve as a core role for connecting end users and blockchain networks. It not only integrates the existing decentralized services, but also provides developers with an underlying architecture that facilitates rapid application building and a complete ecosystem. It represents an important advance in the development of blockchain technology from exploration to flourishing.