Advanced Decentralized Blockchain Platform

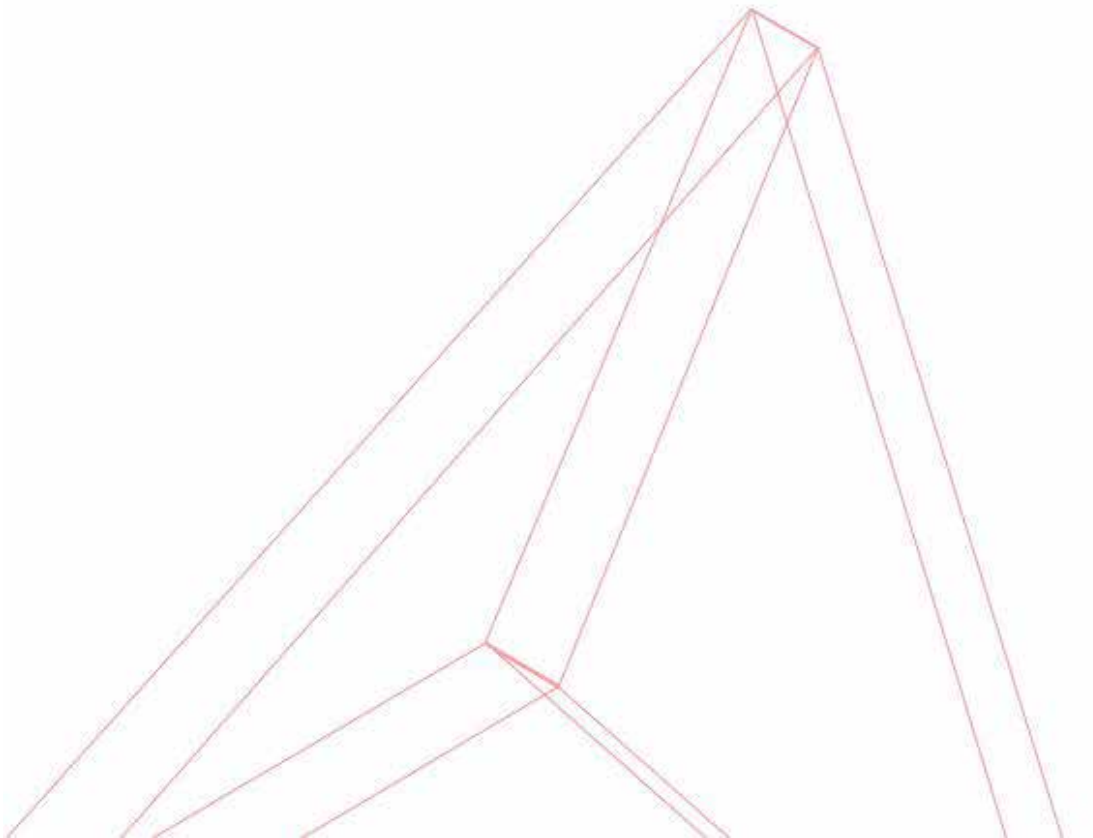
Whitepaper Version: 2.0

TRON Protocol Version: 3.2

CONTENTS

• What is TRON

TRON is committed to promoting the centralization of the Internet, and is committed to creating a decentralized Internet RON. Decentralized application operation provides high-throughput, high-expansion, and high-value public chain support.



Advantages of TRON

High throughput

Under TRON's consensus mechanism, a limited number of high computing performance nodes are selected by users as network maintenance nodes, thus ensuring that the TPS of the overall network is maintained at an acceptable level, to achieve the characteristics of high throughput.

TRON's unique consensus mechanism makes the TPS of the TRON network far beyond Bitcoin, Ethereum, etc.

High TPS indirectly ensures the low latency of all operations on TRON, which can make the transfer speed faster and catch up with the speed of existing payment methods such as VISA and SWIFT, thus making daily Often payment possible

Easy to expand

Thanks to efficient smart contracts and the infinite possibilities of smart contracts, TRON has great scalability, and a variety of applications can be deployed on TRON.

In addition, the combination of excellent database structure and account system, TRON can more easily realize complex models and designs, is very friendly to development, and guarantees extremely high TPS. possibility. At the same time, it also enables the TRON network to support a large number of users, and can easily transfer to various applications, websites, services, etc.

On the TRON network, the existing model has been improved in the field of blockchain technology, which makes it more likely to compete with existing institutions.

Advantages of TRON

High reliability

TRON is committed to creating a more decentralized consensus mechanism. The higher the degree of decentralization, the more reliable and trustworthy the overall network structure, user assets, and intrinsic value. At the same time, TRON's consensus mechanism can greatly save energy compared to the POW model.

low cost

The TRON network will adopt a design with extremely low computing costs, making it easier for various applications deployed on TRON to expand users and have more commercial control.

Easy to use

The TRON team has fully researched the needs and expectations of users, focusing on creating easier-to-use blockchain products.

Core design

Unique consensus mechanism

TRON adopts an improved DPOS consensus mechanism

Under the agreement of TRON's consensus mechanism, global users deploy TRON network nodes voluntarily, and all TRON users vote to select N representative nodes. The elected representative nodes have equal power and work together to complete the computing tasks on the TRON network.

Since users naturally consider their own interests, users will spontaneously choose higher-performance distributed nodes that tend to be decentralized.

Efficient smart contracts

TRON's efficient smart contracts are realized based on the following points

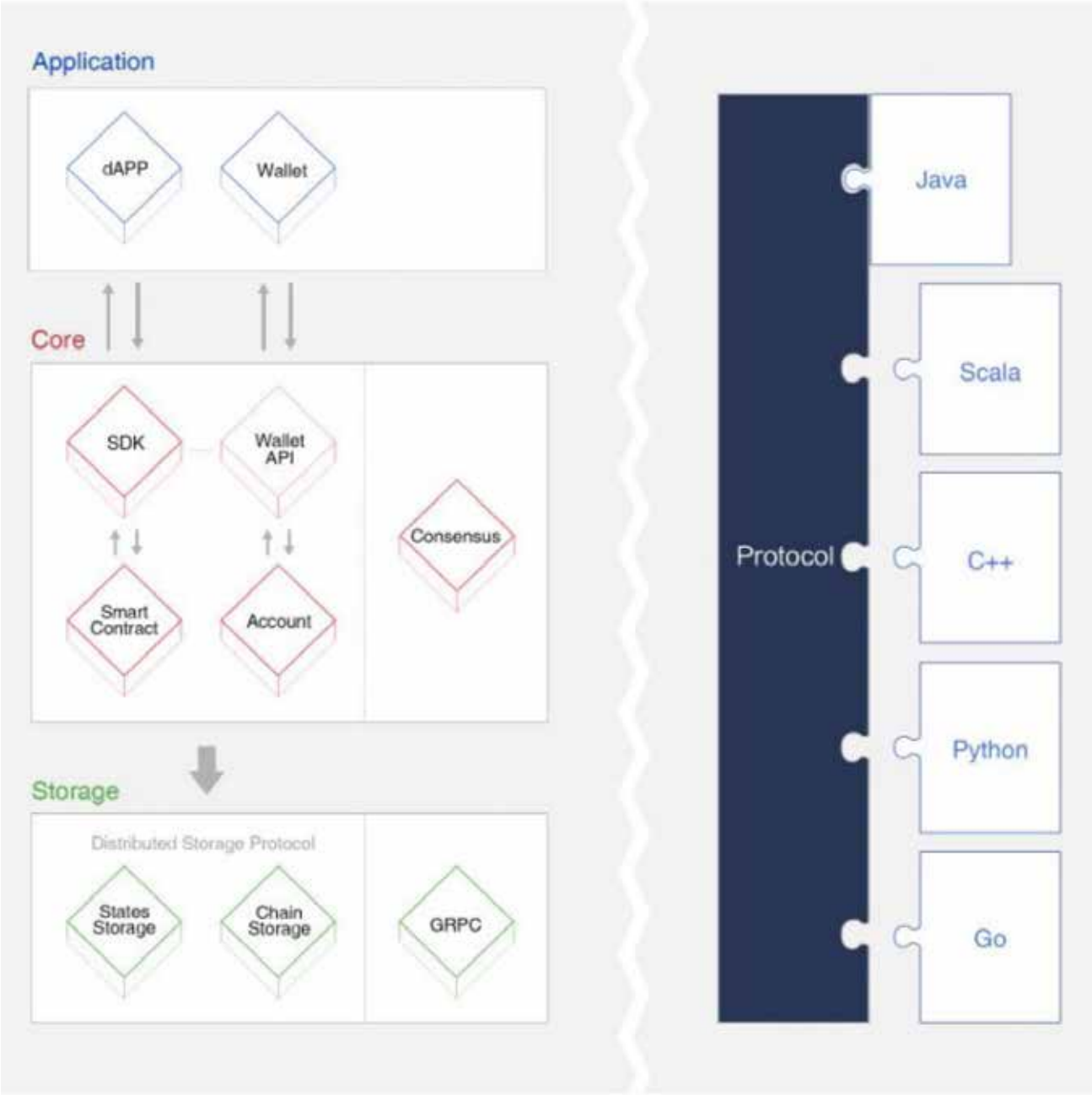
TRON supports Java development, has a mature developer community, high development efficiency, and supports many scenarios.

Efficiency of consensus mechanism.

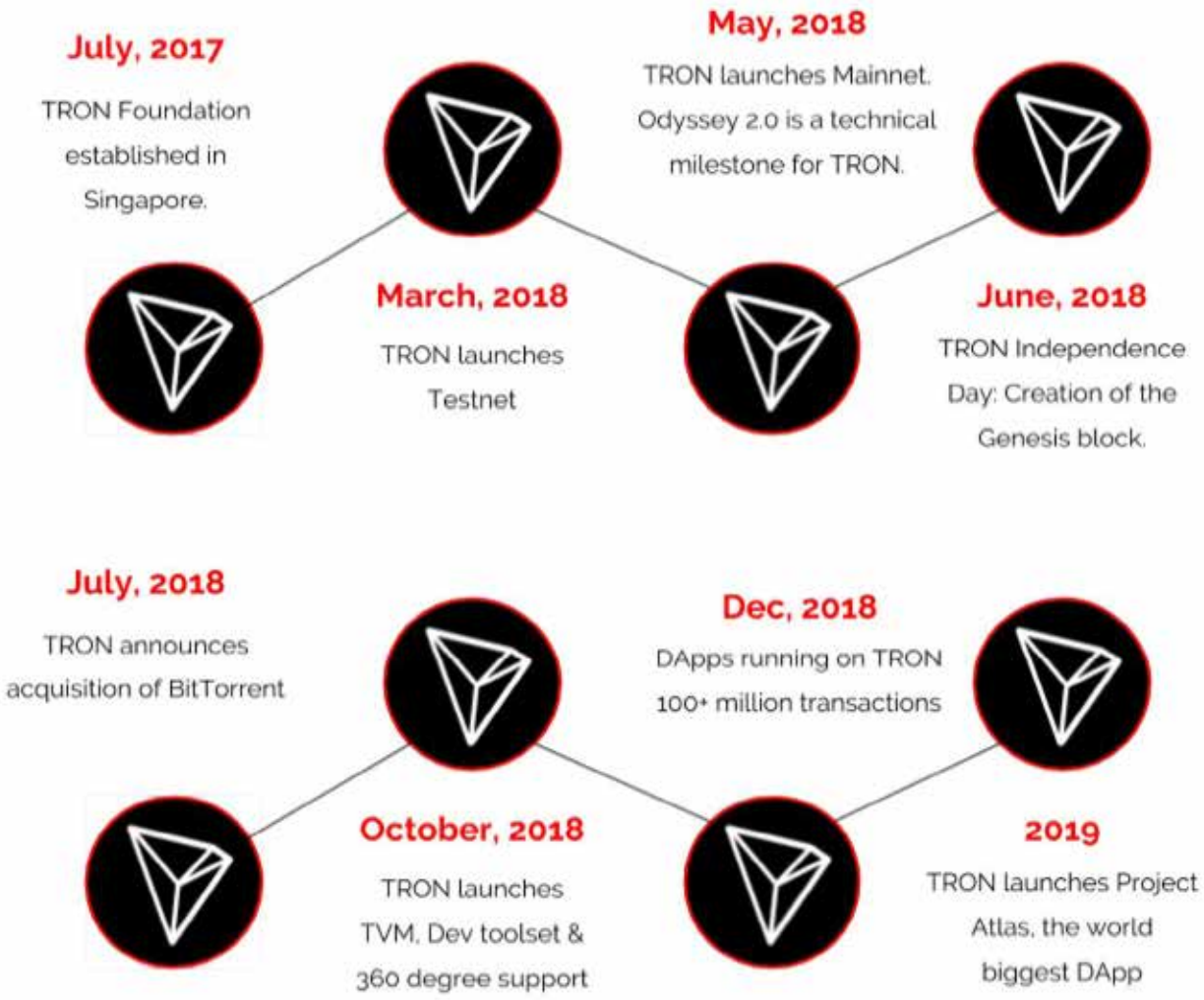
TRON has a good database structure and account system, which can better help users transform complex ideas and models into application entities.

Architecture of TRON

TTRON supports the adoption of a 3-layer architecture, which is a hierarchical storage layer, core layer and application layer. The TRON protocol follows the multi-extension Google Protobuf, which is essentially language.

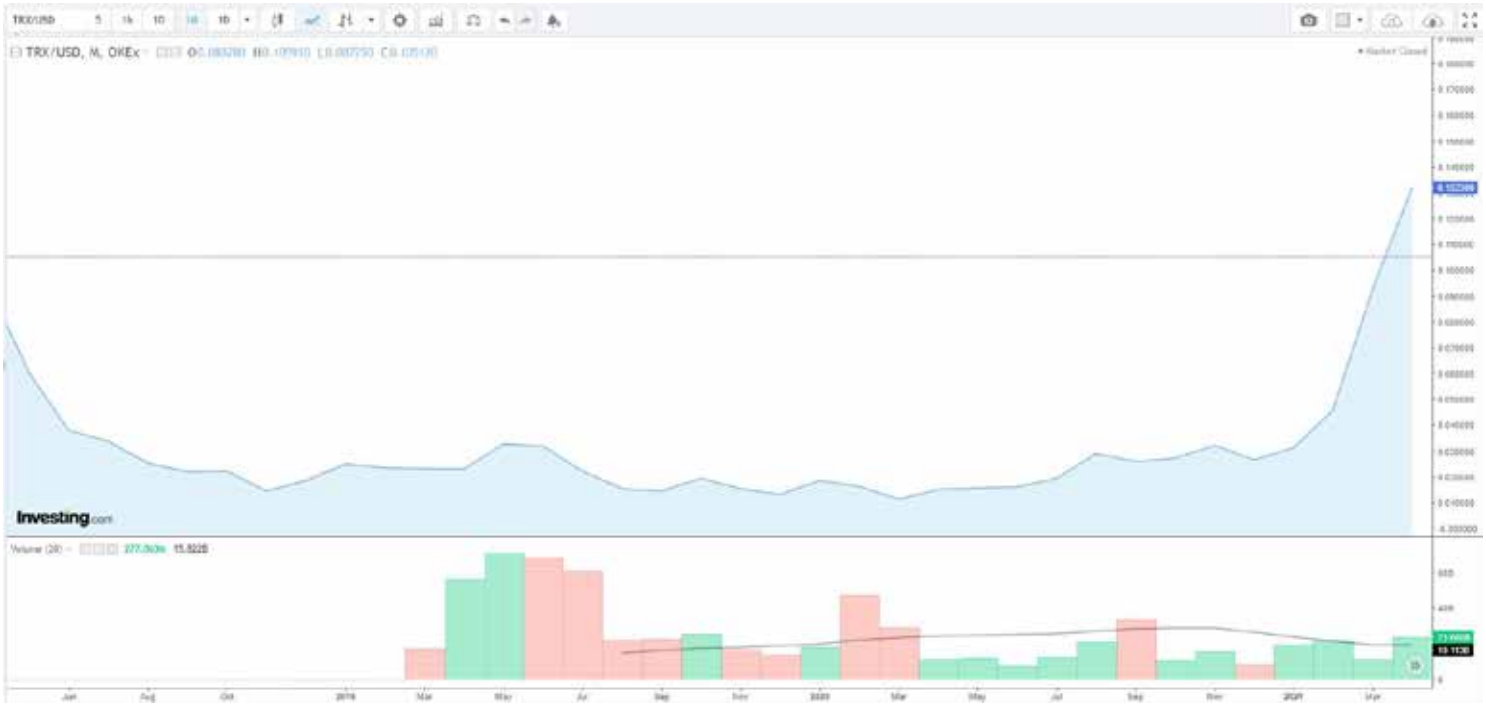


History of TRON



The TRON DAO was established in July 2017 in Singapore. In December 2017, TRON had launched its open source protocol. The Testnet, Blockchain Explorer, and Web Wallet were all launched by March 2018. TRON Mainnet launched shortly afterward in May 2018, marking the Odyssey 2.0 release as a technical milestone. In June 2018, TRON declared its independence with the creation of the Genesis block, along with the July 2018 acquisition of BitTorrent. In October 2018, TRON launched the TRON Virtual Machine (TVM), a complete developers' toolset, and 360 support system. The TRON roadmap involves combining BitTorrent's 100 million users with the TRON network via Project Atlas, as well as fostering the developer community to launch exciting new DApps on the TRON network1.

History of TRON



Tronscan data shows that the total number of TRON accounts exceeds 51 million, processing more than 2 million transactions per day.

As of August 25, 2021, there are 71.660 billion TRX coins in circulation, with a total supply of over 100.85 billion.

Data from the CryptoRank blockchain data platform shows that the total value of TRON coins locked in the public chain TRON exceeds $10.1 billion

TRX price reached an all-time high of $0,3004 on January 5, 2018. The market then crashed and TRX ended the year around $0.01. As the market rebounded, TRON trended bottomed at $0.0008 on March 12, 2020 It rose to $0.02 by the end of the year. And peaked at $0.1799 on April 17.

Vision and Future

Because of the many advantages of TRON, we aim to build an ecosystem platform where everyone can participate and benefit from TRON, which we call the TRON ecosystem.

By using the functions of the TRON network and various dAPPs deployed on it, users can reduce various costs, improve the convenience of life, and obtain wealth returns.

Developers can deploy dAPPs on the TRON network, expand their business scope, and promote their ideas and values.

Network maintenance nodes provide support for the operation of the TRON network and get paid for it.

Whether users, developers, or maintenance nodes of the TRON network, everyone will participate in the construction of the TRON platform ecosystem, contribute to the prosperity of the TRON ecosystem and reap rewards from it .