CloudChain Whitepaper

CloudChain

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“CloudChain converges Indiscriminately Divided Networks into one network.”

We coexist with thousands of crypto currencies and various blockchain networks that are created every day.

CloudChain operates as a better network by linking various virtual currencies and blockchain ecosystems.

CloudChain is a special project to create the aforementioned value.

EASIEST WAY To UNIFY

Complexity To Simplify

CloudChain is a next-generation blockchain protocol that unites an entire network of purpose-built blockchains, allowing them to operate seamlessly together at scale.

Because CloudChain allows any type of data to be sent between any type of blockchain, it unlocks a wide range of real-world use cases.

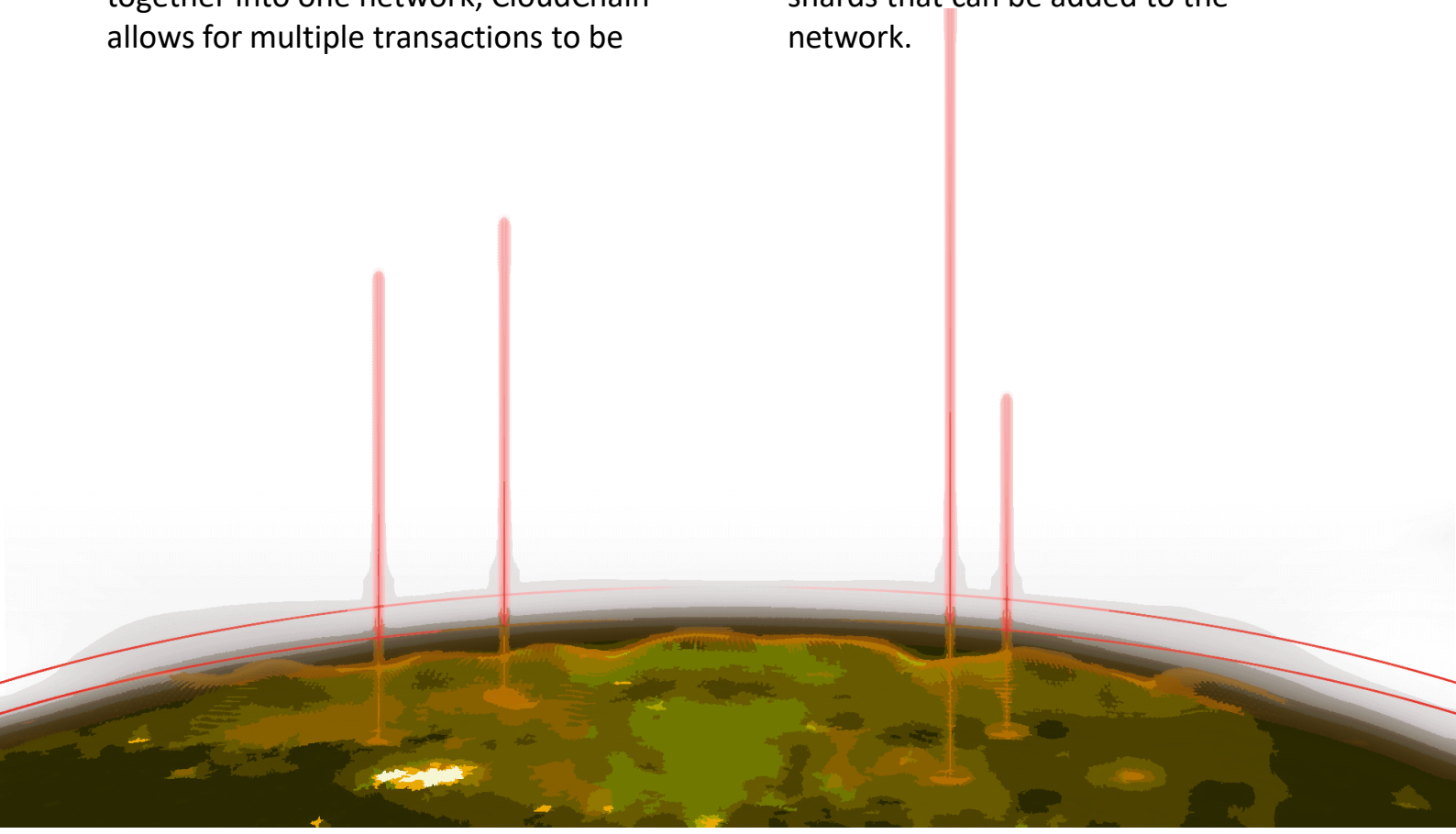
By bringing together the best features from multiple specialized blockchains, CloudChain paves the way for new decentralized marketplaces to emerge, offering fairer ways to access services through a variety of apps and providers.

While blockchains have demonstrated great promise in several fields—Internet of Things (IoT), finance, governance, identity management, web decentralization, and asset-tracking to name a few—design limitations in previous systems have largely hindered large-scale adoption.

CloudChain's design offers several distinct advantages over existing and legacy networks, including scalability, upgradeability, transparent governance and cross-chain composability.

Growing Blockchains

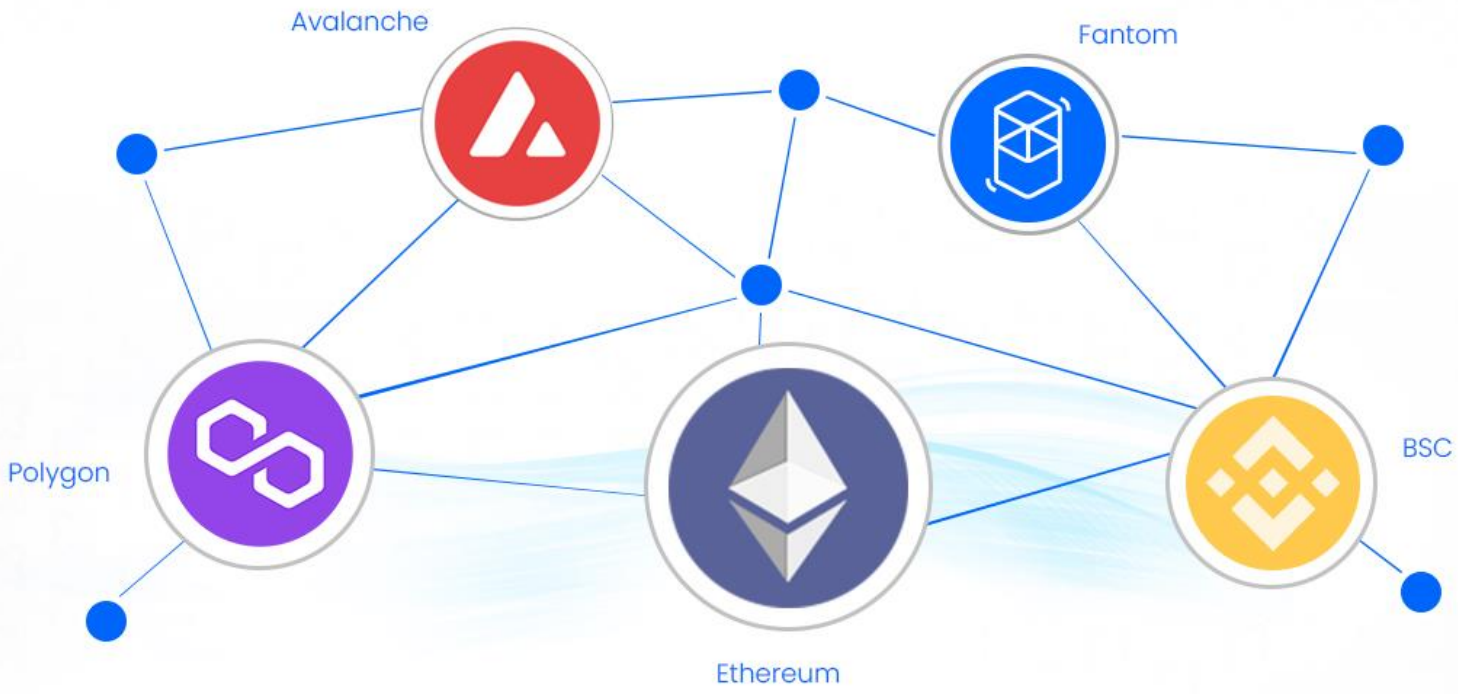
One blockchain isn't enough to support a bustling future of decentralized applications. The limited throughput and lack of runtime specialization in early blockchains made them impractical for scaling in many real-world use cases.
By bridging multiple specialized chains together into one network, CloudChain allows for multiple transactions to be processed in parallel. This system removes the bottlenecks that occurred on earlier networks that processed transactions one-by-one.
CloudChain will be able to scale even further in the future with a planned feature known as nested relay chains, which will increase the number of shards that can be added to the network.



Network Bridge

Early blockchains were like walled gardens closed off to other networks. But as the number of chains for specific use cases continues to rise, so does the need for cross-chain communication and interoperability.
CloudChain's cross-chain composability and message passing allows shards to communicate, exchange value, and share functionality, opening the door to a new wave of innovation.

Thanks to CloudChain ability to bridge blockchains, CloudChain network will also be able to interact with popular decentralized- finance protocols and cryptoassets on external networks like Ethereum.

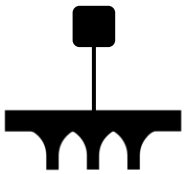


Connecting CloudChain

CloudChain unites a network of heterogeneous blockchain shards called CChains. These chains connect to and are secured by the CloudChain BriChain. They can also connect with external networks via bridges.

CChain
A blockchain that can optimize features for specific use cases.

BriChains
The main part of CloudChain, responsible for the network's security, consensus and cross-chain interoperability.



Bridges
Special blockchains that allow CloudChains to connect with external networks.

Consensus Roles

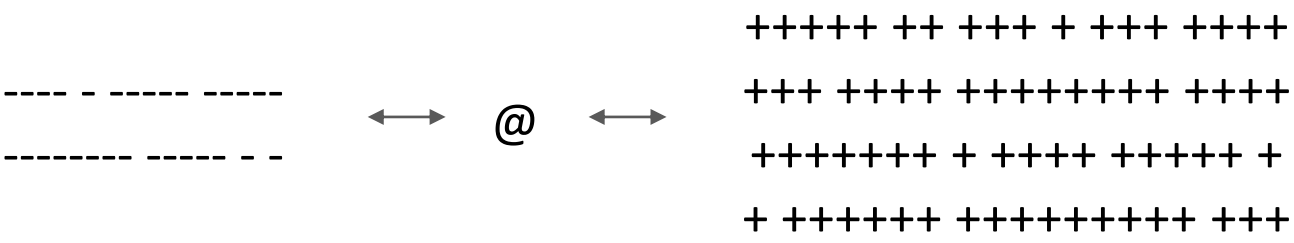
Users can install mined Servers to become CloudChain participants. CloudChain doesn't just limit participants to network users
You can become part of the CloudChain Network and receive rewards from CloudChain foundation.

The CloudChain Foundation receives network usage fees from App using CloudChain Network, and participants in CloudChain can receive compensation from Dapp through mining-type Server installation.

@ Foundation
Validating proofs from H/W servers and participating in consensus with other validators.

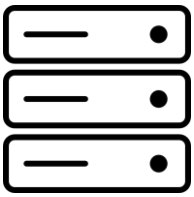
- Apps and Users
As a user of Cloudchain, operate the server by paying the network usage fee.

+ H/W
Maintain data by collecting data transactions from Dapps, users and producing proofs.



CloudChain Token - CLDC

CloudChain token, CLDC serves three distinct purposes: Distributed Networking server usages, Staking and Bartering.



Server usage
The CLDC token holder offers worldwide distributed network servers at a low cost. Users can use a distributed network to operate a more secure server.

Staking
CLDC staking service incentivizes the token to be staked through appropriate compensation. Users receive a certain level of compensation through the stacking service even if they do not use a mining server.

Bartering
Various products can be exchanged using CLDC. CLDC can use various products that can be used in real life as well as app development, server usage, and use as storage device.

Foundation

Founded by FineVentures, an investment company specializing in distributed blockchain networks.

FineVentures is an asset investment company and has MOUs with companies in various industries such as manufacturing, medical care, and law.

In crypto industry, FineVentures has invested in P2E, M2E, and Defi Foundation and is in charge of managing over 30 token assets.

Development Team

CloudChain is a global team of top distributed system engineers, cryptographers, solutions architects and researchers and have developed distributed network technology for over 12 years in healthcare, law, architecture, and education.

Pedal to the Metal, Keep Running with CloudChain!

Learn more on

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