

# Dante Network

An Open and Collaborative World Tree of Web3

**Start**

@DanteNetwork

# Empower the Applications in Web3

Application Features in Web3

**Openness**

**Collaboration**

**Privacy**

**Completeness**

DApp

BlockchainA



Smart Contract

BlockchainB



Smart Contract



Smart Contract

BlockchainC

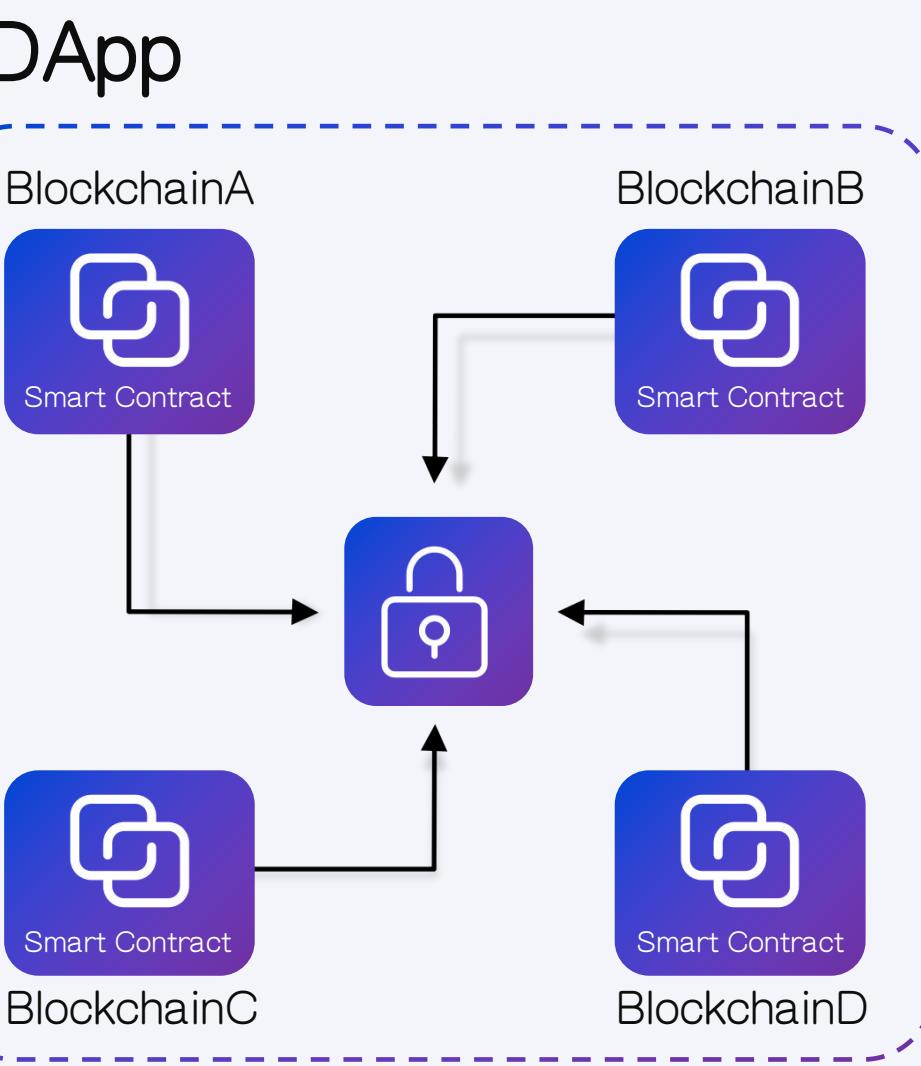


LOCK



Smart Contract

BlockchainD



# What are we doing and going to do



A method that integrates Commitment Verification and belief Verification

- Gets the ability to make storage, computing and other resources standard, perceptible, and easy to circulate.
- Just like what cloud computing will do in the Web2.



Define the standard data interface and operation protocol

- Enable seamlessly cross-chain asset management, and directly cross-chain smart contracts calling.
- As simple as calling a smart contract in your original ecosystem.



Introduce cryptography-related technologies and resources

- Enables on-chain information to be processed and verified anonymously.
- Off-chain data can be encrypted by third parties without exposing privacy.

More diverse, more decentralized, more trustless

# HORIZONTAL CASE



## Intro

Axelar is a decentralized communication tool that connects blockchain ecosystems, applications, and assets.

## Financial

Axelar has raised a total of \$63.8M in funding over 5 rounds. Their latest funding was raised on Feb 15, 2022 from a Series B round with \$35 million.

Axelar is funded by 28 investors. Investors includes Dragonfly Capital, Polychain Capital, North Island Ventures, Rockaway Blockchain Fund, Fetching evaluations as high as \$1 billion.



### Axelar's Universal Blockchain Interoperability Network Raises \$35 Million to Reach \$1 Billion Valuation



Axelar successfully completed its Series B funding round, to support the growth and development of the Axelar network, helping blockchain developers to achieve greater scalability and liquidity

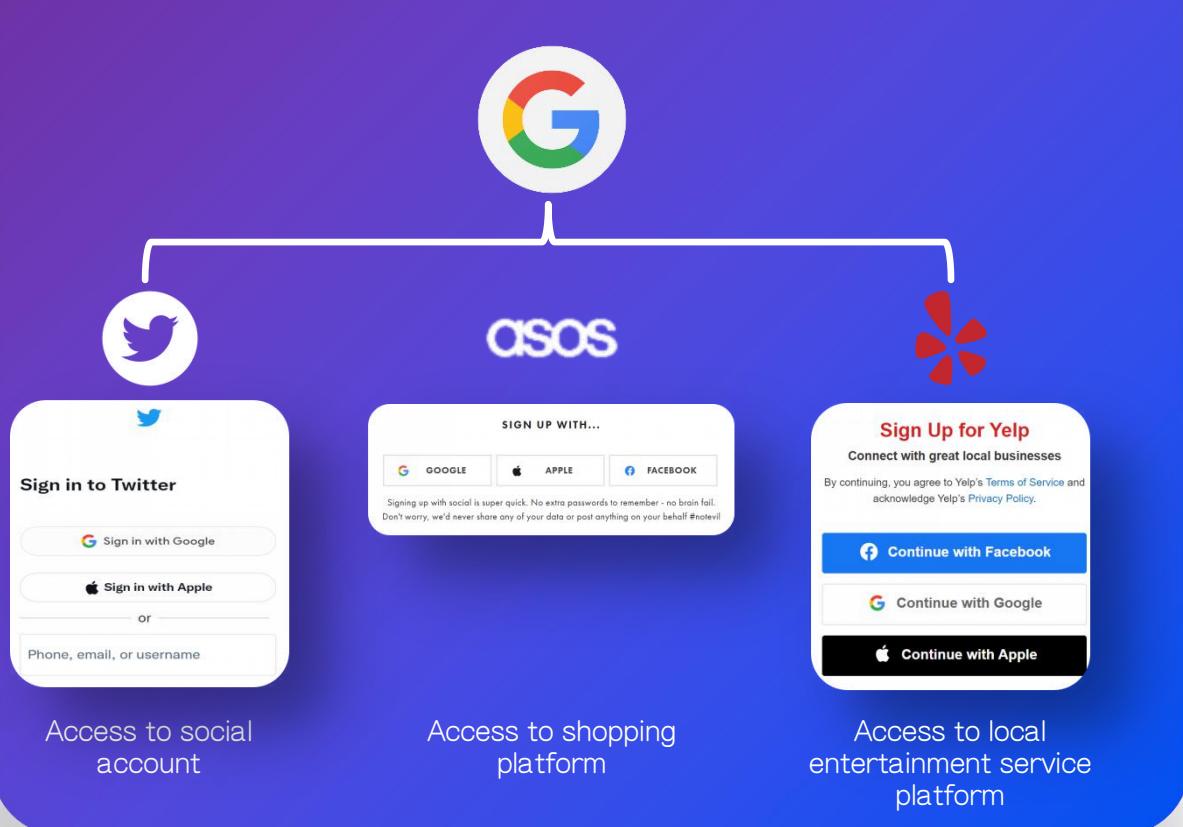
February 2022 - Axelar, the universal decentralized interoperability network connecting all blockchain ecosystems, applications, and assets has today announced the closure of a \$35 million USD funding round, with investments from Dragonfly Capital, Polychain Capital, North Island Ventures, Rockaway Blockchain Fund, Cygni Capital, Lemniscap, Olive Tree Capital, Blockchange Ventures, Node Capital, angel investors including Waikit Lau and Gokul Rajaram, and others.

This latest Series B funding round has brought Axelar's valuation to \$1 billion USD. The funding will be used to support Axelar's expansion as it continues to roll-out its mainnet, and follows on from the company's previous \$25m Series A raise in mid-2021.

# Phenomena and Problems -More Open and More Closed

The current Internet's barrier to collaborate is an ideology rather than a technical system, while the blockchain is the opposite.

The ecology of the Internet can cooperate very well



The mechanism of the blockchain brings about the isolation between ecology



# Phenomena and Problems -From extreme privacy leakage to no privacy

The privacy problem of the current Internet comes from the business model rather than the technical system, while the blockchain is the opposite

## User data is in the hands of a few giants



Marriott Hotels fined £18.4m for data breach that hit millions



Marriott leaked 300 million customer information.

**WEB2**



facebook downplays data breach in internal email

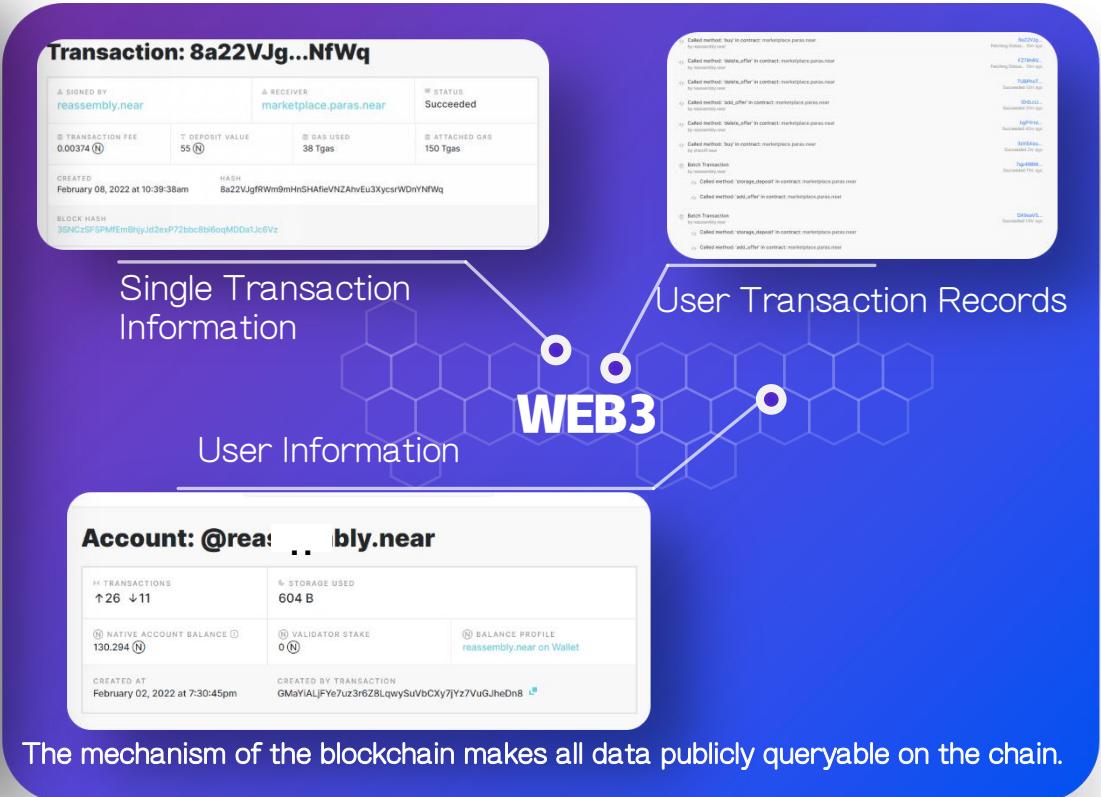


The leaking of account details from 533 million users.



Uber loses 57 million users' data

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# Thoughts on Web3

The era of more choices has come, and the era of better collaboration is still on the way.

**De-monopoly, De-fragmentary,  
Compatibility and Win-win Cooperation**



# Designing Ideas and Goals

Connection, Connectivity, Mutual Trust, Collaboration, Privacy

## Goals A World Tree of Web3

Multi-ecological barrier-free collaboration—From the circulation of Token, to the comprehensive sensing of information, and then to free collaboration of Dapp.

Efficiency & Security & Privacy: The design and configuration take into account efficiency, security and privacy, and can be combined according to the specific scenarios.

## Ideas

### Privacy and Confirmation

Privacy Protection and Confirmation of Original Data;  
Privacy Protection and Confirmation of Metadata

### Connection and Unicom

Data Interconnection in Heterogeneous Chain Ecological; Trustless Access and Collaboration

### Service and Convenience

Standardization and Abstraction of Computing and Storage Resources; Provided as a Service Rather Than a Resource

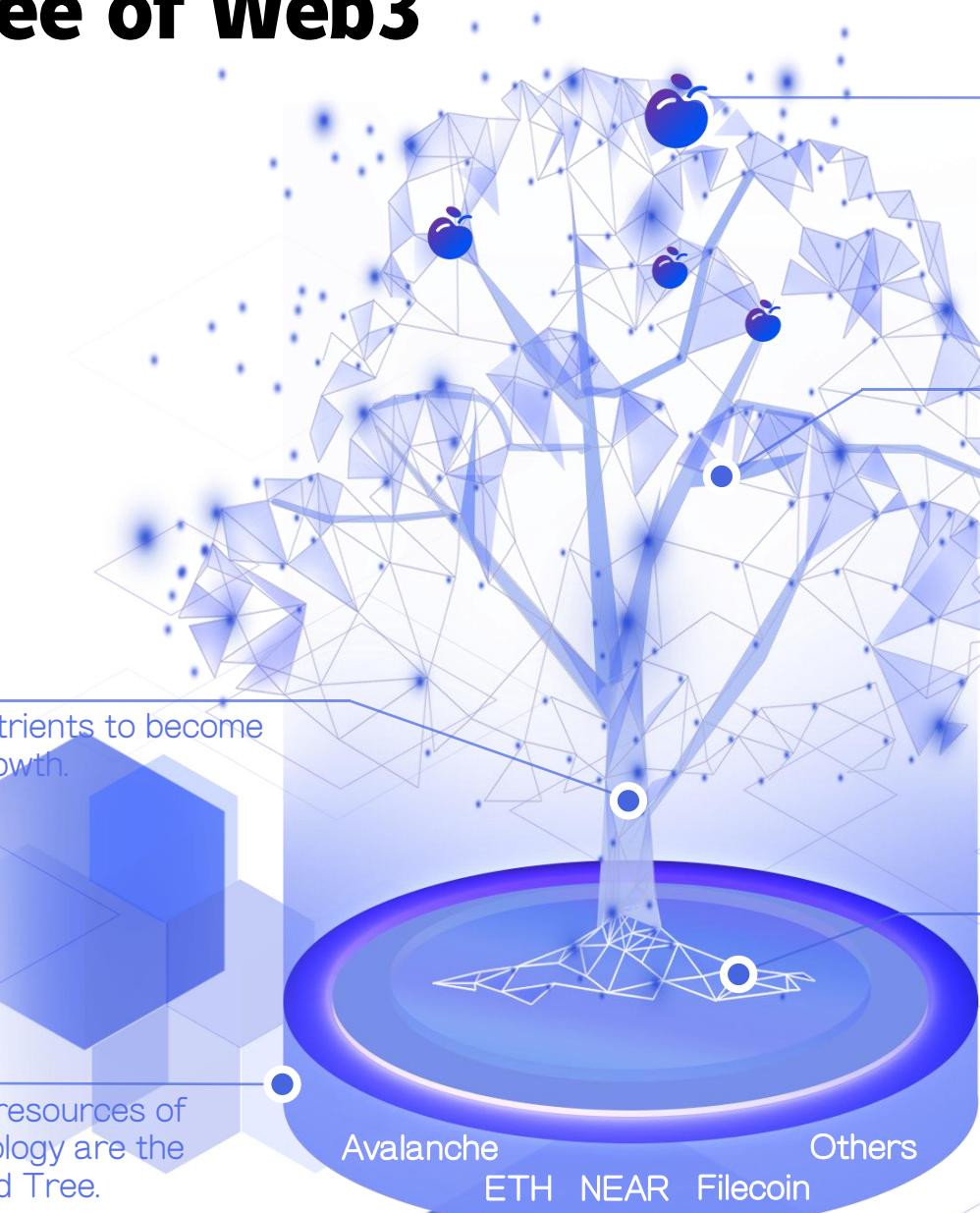
# The World Tree of Web3

## Trunk

Gather and digest nutrients to become energy for its own growth.

## Nutrients

The capabilities and resources of each public chain ecology are the nutrients of the World Tree.



## Fruits

With the support of sufficient energy, the fruits that grow, namely various Dapps.

## Branches

Send the resources and energy to leaves for its growth, and achieve great growth balance through reasonable distribution.

## Root

The roots are responsible for absorbing nutrients.

# Architecture of the World Tree

## Client SDK for DApps

Enjoy the service of Dante World Tree directly through this SDK.

## Collection and Distribution Centre

Through the scheduling of adaption nodes to obtain multi-source heterogeneous capabilities and resources, and provide them to all kinds of dapps in the form of services.

## Verifiable Adaptor

The execution program of the adaption node verifies the data from multiple source chains, and converts the verified data into the information format readable by the target chain.

## Adaption Nodes

The node running the adapter program physically performs the intercepting, handling and verification of data.

## Adaption SDK

Through this SDK, you can access user-defined resources and capabilities that comply with standard protocols.

## Implementation

### Client SDK

### Branches (SC)

- Resource Privacy Marketing Contracts
- Data Accessing Contracts
- Data Verification Contracts
- Validator Scheduling Contracts

### Trunk (EXEC)

#### Verifiable Adaptor

### Root (Entity)

#### Adaption Nodes

### Adaption SDK

## Web3 World Tree Protocol Stack

### Service Presentation Layer

- Web3 Service Protocol
- Cross-Chain Service Visiting
- Cross-Chain Contract Invocation
- Message Transferring

### Security Quality Layer

- Security Quality of Service Protocol
- Challenge & Confirmation
- Hiden & Reveal
- Access Permissions
- .....

### Consensus Verification Layer

- Verification Protocol
- Commitment Verification
- Belief Verification
- Scheduling Protocol
- Node Selection
- Behavior Evaluation
- Incentives
- Challenge
- "Physical" Protocol
- Adaption Nodes

## Web2 OSI

### Application Layer

### Presentation Layer

### Session Layer

### Transport Layer

### Network Layer

### Data Link Layer

### Physical Layer

# TECHNOLOGY ATLAS

## Branches:

Collection and Distribution Centre

Resource Privacy Marketing Contracts

Validator Scheduling Contracts

Data Verification Contracts

Data Accessing Contracts

## Key Tech

Privacy transactions of data resources

Parallel route scheduling

Verifiable collaboration

Collaborative Network

**Trunk:** Verification Adapter

Service Process

Service SDK

**Root:** Adaption Nodes Contracts

Standard Node Process

User Defined Node Process

### Verifiable collaboration

Commitment verification  
Belief verification

### Parallel Route scheduling

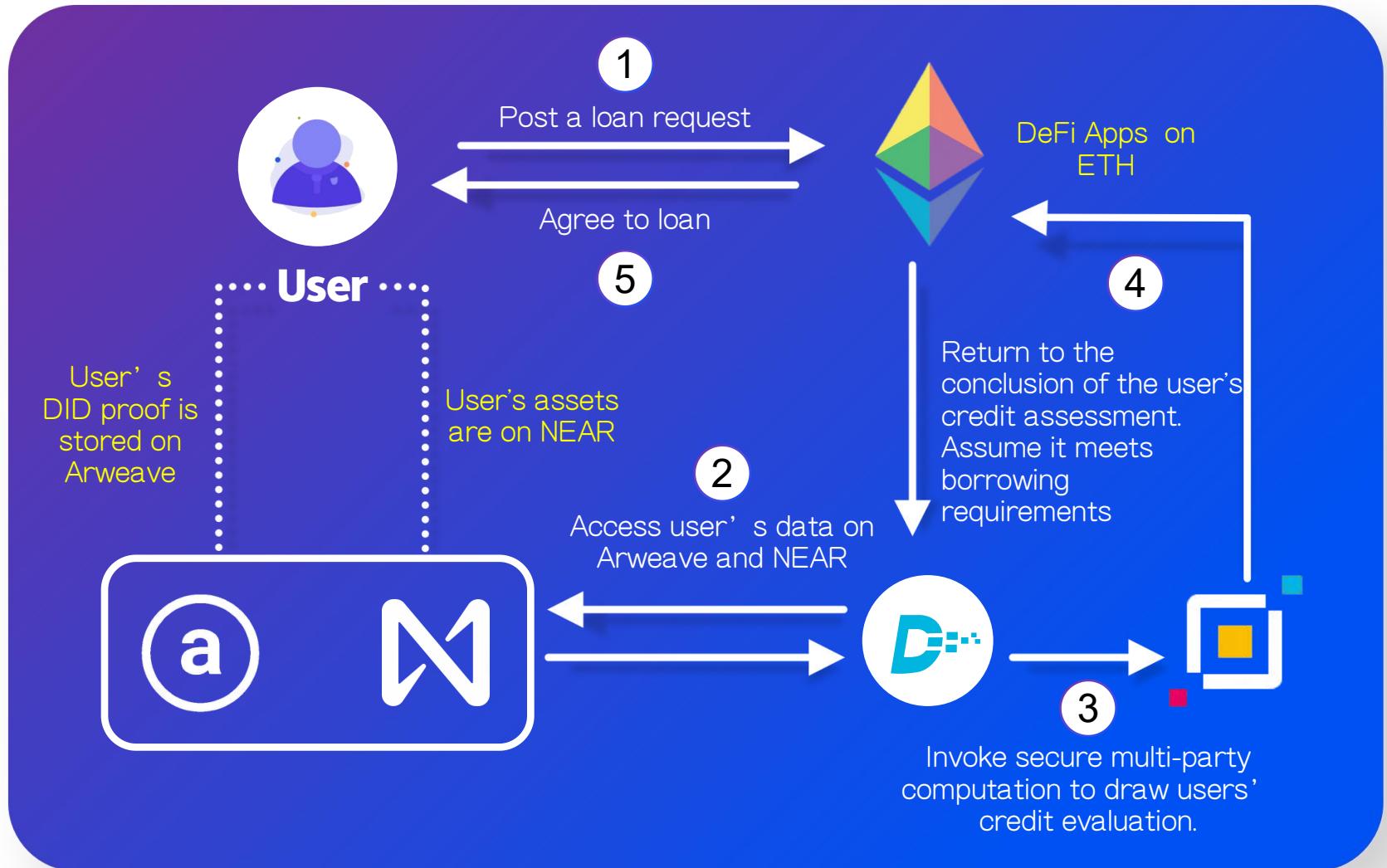
Redundancy+Parallel  
Default+Configure  
Selection+Evaluation  
Incentives+Challenge

### Resource Privacy Transactions

Anonymous amount  
Anonymous address

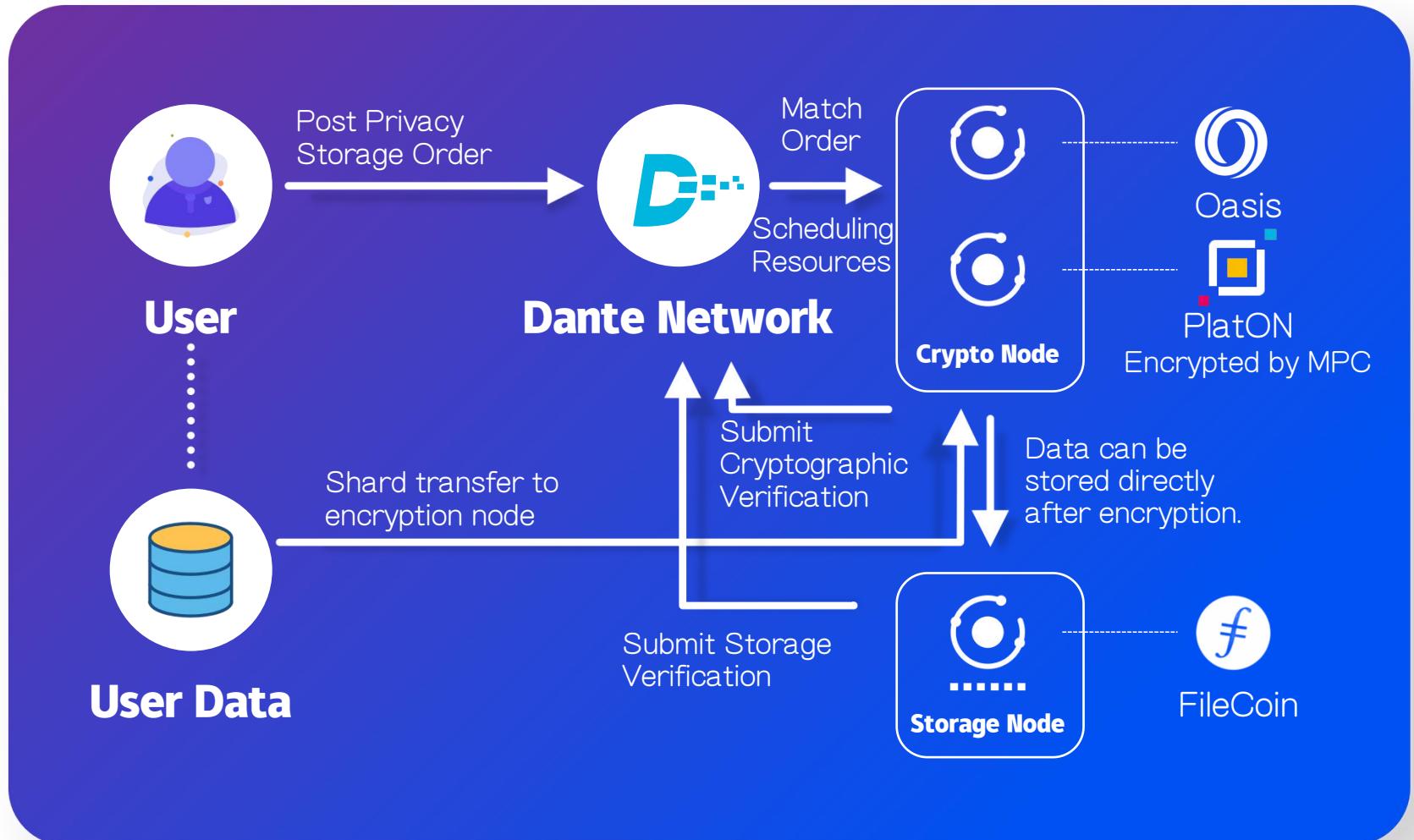
# Use Cases

## DeFi Unsecured Loan- Depend on the credit



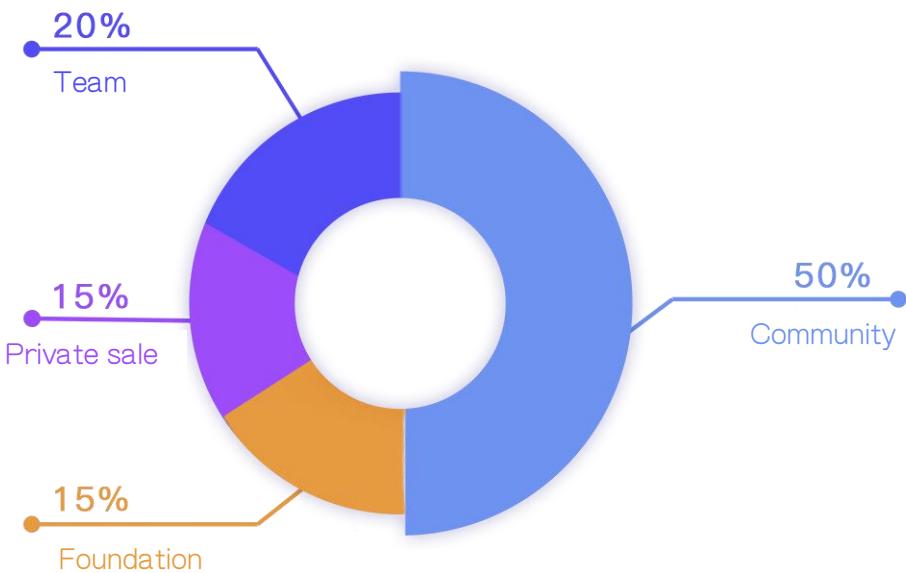
# Use Cases

## Data encrypted storage



# Tokenomics

## DAT Distribution Ratio



## Lock-up Schedule

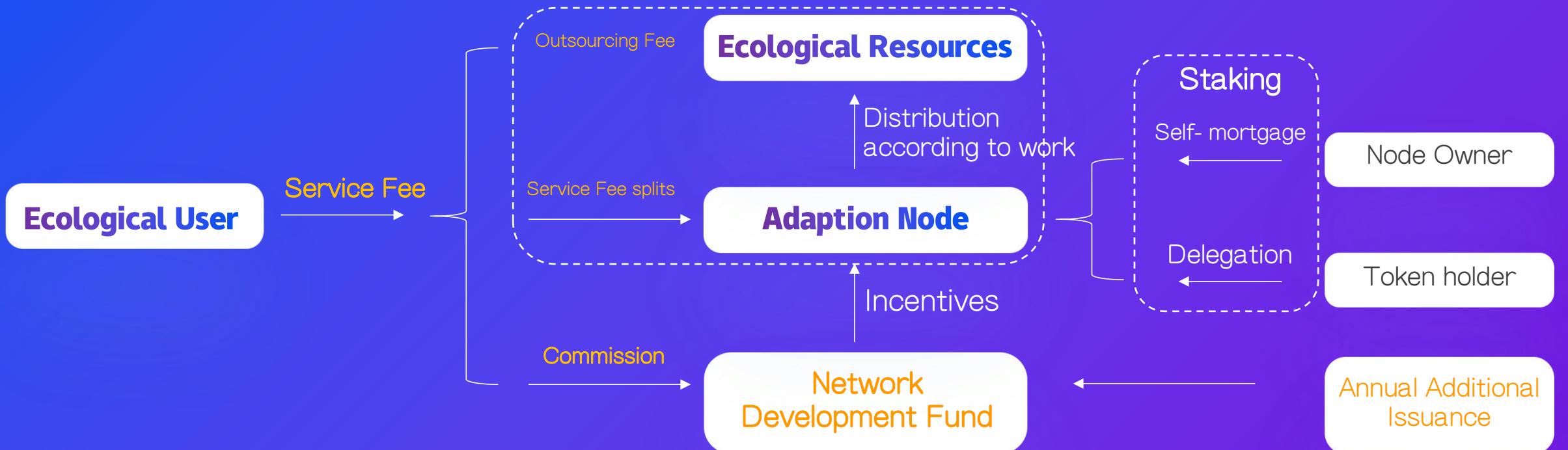
The private sale and team parts will be unlocked within 24 months after the official launching. the first batch will be released 10%, the remaining part will be released after 6 months, 5% will be released linearly every month, and all will be entirely unlocked within 18 months.

## Inflation Design

The system sets up a network development fund. The fund consists of two parts, namely, cut from transaction fees and the system's annual additional issuance. The sum of the two will not exceed 5% of the initial total issuance each year.

With the mature and stable operation of the system, transaction fees will account for the majority of the incentive fund, and the annual additional issuance of the system will gradually decrease from a maximum of 5%, or even no more additional issuance.

# Token Circulation



# Technology Development Progress

2024

The test network will continuously running and iterating.  
The fully functional mainnet will be online.

## Dante Network 1.0    Dante Network 2.0    Dante Network 3.0



2020.Q4~2021.Q3

- ◆ Whitepaper 1.0
- ◆ Break through key technologies such as time and space verification, etc.
- ◆ Completed the privacy storage prototype test and deployment on the PlatON test network.

2021.Q4~2022.Q1

- ◆ Whitepaper 2.0
- ◆ Complete the development of general cross-chain protocols, which can realize cross-chain communication and cross-chain smart contract calls.
- ◆ Completed prototype deployment and testing on multiple chains.

2022.Q1

- ◆ Whitepaper 3.0
- ◆ Design and develop verifiable adapter standards.

2022.Q2

- ◆ Detailed design of belief verification and belief scheduling schemes.
- ◆ Detailed design the scheme of commitment verification and commitment scheduling.

2022.Q3

- ◆ A test network integrated with functional Belief Verification products is on line

2022.Q4

- ◆ Released a development SDK that supports ecological users to call belief verification services.

2023.Q1-Q2

- ◆ The integration commitment verifies that the product functionality is online.
- ◆ Integrate standardized data storage and access service publishes.

2023.Q3-Q4

- ◆ The privacy order transaction function and decentralized encryption function releases.
- ◆ Added SDK development that supports ecological users to call commitment verification services.
- ◆ Release SDK for nodes, support user-defined nodes, and access user-specified data storage, access, and computing services. The fully functional test network is online.

# Market Development Plan

## Node Development



### Resource Node

Introduce storage project such as Filecoin and Crust as resources to join as adaptation nodes.

### Multiple Incentives

Get more DAT incentives without affecting the original ecological incentives.

## Ecological User



### Dapp



### GameFi



### NFT



### DeFi

## Ecological Resources



### Join the Multi-ecology

Applied and received Grants



PlatON



NEAR



BSC



Oasis

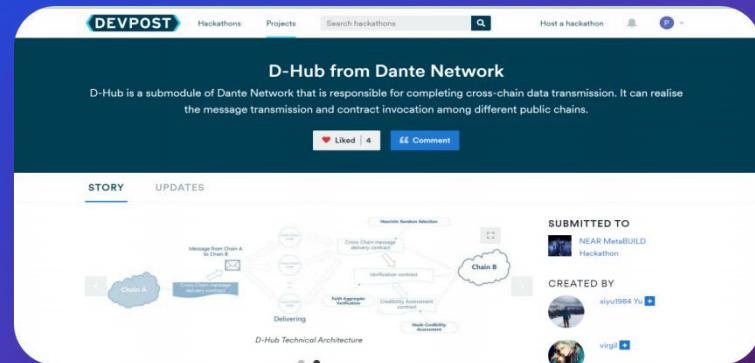


Avalanche

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# Ecological Cooperation

Participate in NEAR hackathon



<https://devpost.com/software/universal-trusted-cross-chain-bridge>



<https://twitter.com/DoraHacks/status/1450468953093021703>

Join the Near Protocol



<https://twitter.com/DanteNetwork/status/1463523630013288448>

# Team Members



## Jacky

- Bachelor of HKU
- Over 15 years of working experience, served as the head of KPMG branch.
- He has led the investment, financing and listing of many well-known companies.
- He has extensive domestic and overseas listing, professional knowledge and experience in finance and enterprise management, as well as project investment and financing experience in emerging industries.
- He Focus on the integration of blockchain and digital economy.

## Jason

- Master of SJTU
- AI direction
- He has more than 10 years of working experience and is a senior practitioner in blockchain / information security.
- Responsible for and participating in a number of national information security research projects.
- Lead the preparation and review of multiple blockchain and digital economy related projects.
- Rich experience in blockchain project design and operation.

## Shawn Z

- Master of UESTC
- Information Security direction
- He has more than 10 years of experience, senior practitioner in blockchain/information security.
- Senior expert in privacy computing, blockchain and artificial intelligence.
- Responsible for or participated in a number of national information security research projects.

## Zack W

- Expert in blockchain; full stack developer. Abundant experiences in Solidity and C++.
- 6+ experiences in the Internet product developing.
- Familiar with Web, Node.js, ios, java, etc.
- Used to lead the development of Qunar Mobile website and Xueqiu Fund Management platform.
- Participated in the EOS technical community in 2018, contributed the source code of the smart contract and published many technical articles.
- Ran the EOS node with the largest traffic in Asia.

# Evolution of Dante

## Dante1.0 Private Storage Network

### Focus on Concept

- First to propose the concept of privacy storage and give a complete solution in the industry, since data privacy and storage are key infrastructures in the era of digital economy.
- Have strong technical precipitation, including time and space verification, anonymous transactions, private transmission, etc.

## Dante2.0 Cross-chain Privacy Storage Network

### Focus on Ecology

- In the era of digital economy, data privacy and storage are common infrastructures, thus, different ecosystems should enjoy the performance of infrastructure without distinction.
- A general cross-chain bridge is built to realize the interconnection of NEAR and Avalanche.

## Dante3.0 A World Tree in Web3

### Focus on Service

- Privacy and storage are just approaches, and the real purpose is to better serve Web3 users; what users perceive should be services, not resources and technologies.
- Openness, co-construction and privacy.

# Contact Us

-  Website: <https://dantechain.com/>
-  Twitter: <https://twitter.com/DanteNetwork>
-  Medium: <https://dante-network.medium.com/>
-  Telegram: <https://t.me/DanteNetworkEN>
-  GitHub: <https://github.com/dantenetwork>
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Links

