



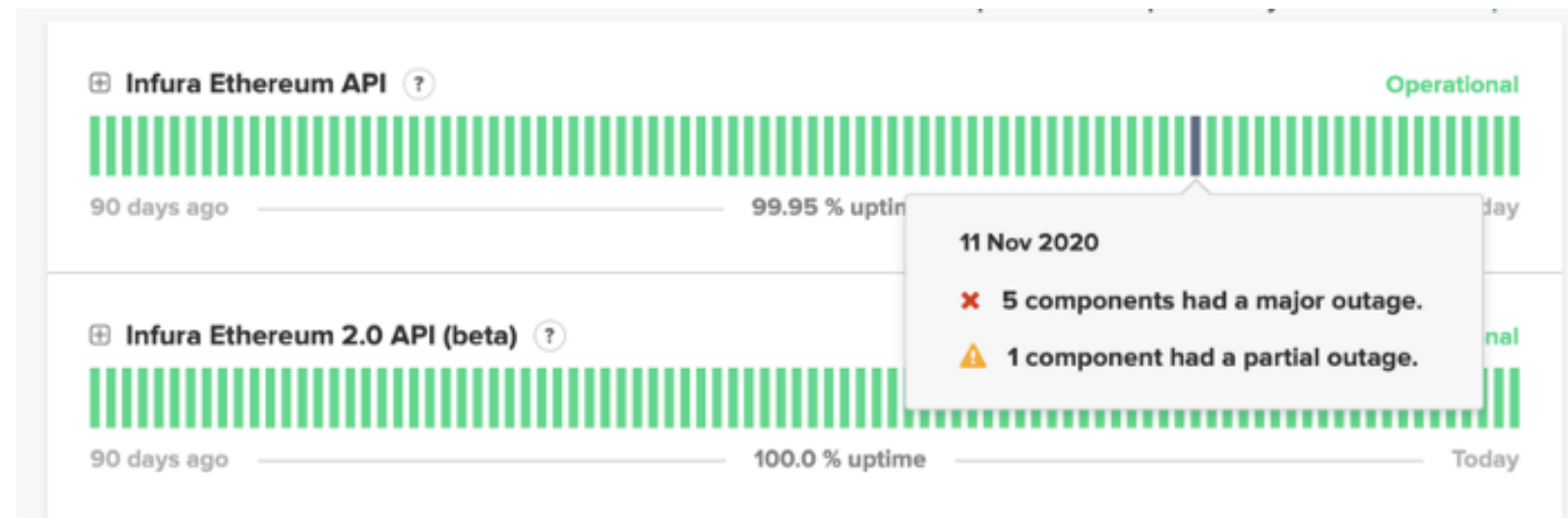
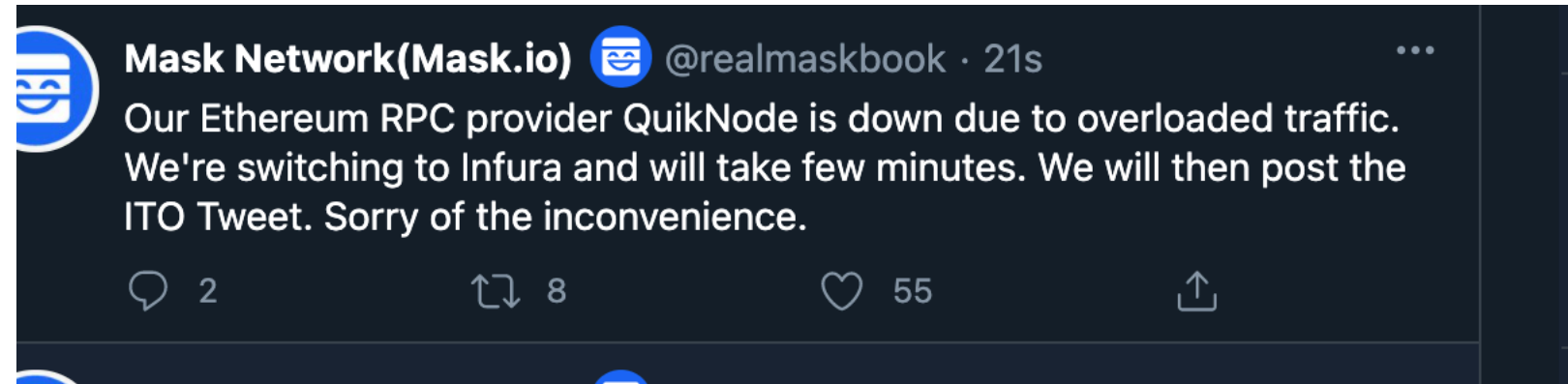
# Apron Network

## Decentralize the Infrastructures

A decentralized infrastructure services network based on blockchain technology for application developers, application users and infrastructure operators.

**The Entrance of Web 3.0 World**

# The problem



A so called decentralized world built on centralized infrastructures

# The problem

Infrastructures are the cornerstone for the whole information industry, including the Web 3.0 world.

All the softwares are built on top of the shoulders of other developers who provide infrastructures.

## The risks:

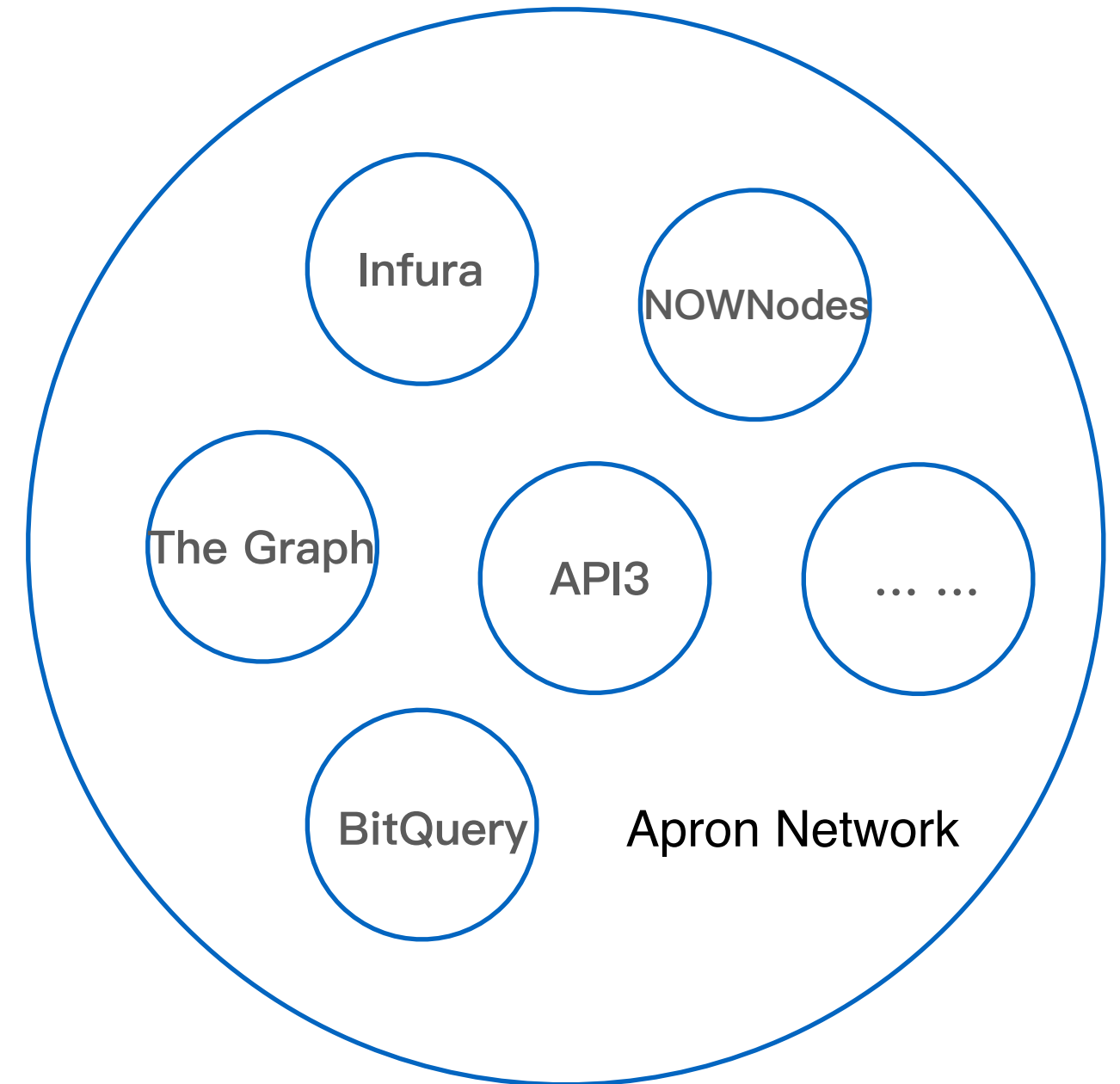
- \* **Manipulated Service Marketplace**
- \* **Unprotected Service Providers**
- \* **Leak of Service Users' Privacy**
- \* **Audit of Services**



## What we do?

In order to solve the problems, Apron labs proposed Apron Network as a solution to improve the infrastructure service ecology of Web 3.0 world.

In the Web 3.0 era, it is possible for developers to freely provide and use any infrastructure services, which will make the real world connect to the Web 3.0 world, returns the freedom to everyone!



## What we do?

We want to build a decentralized infrastructure services platform based on blockchain technology, similar to the service marketplaces in traditional cloud services such as AWS, Azure etc.

Allow all the participants to work together safely and freely!

Let infrastructure operators to offer their infrastructure services without having to incur significant maintenance costs or invest in marketing and operations.

Let developers to discover and use the various infrastructure services without wasting a lot of effort and money in finding infrastructure service solutions.

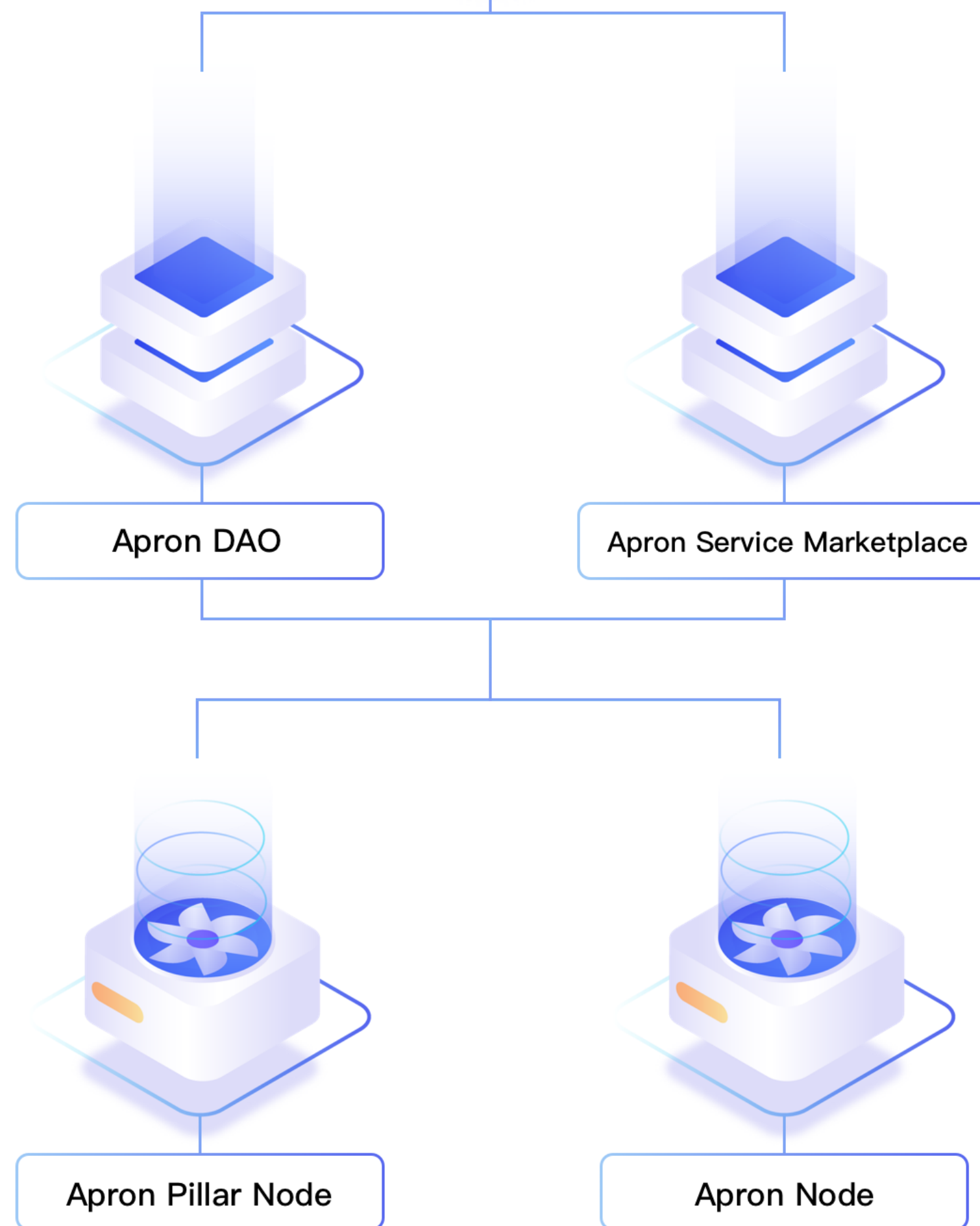
Let users to use applications based on decentralized infrastructure services without worrying of failure or audit.

## Hierarchical Structure

Apron Network is based on substrate framework and can be a parallel chain of Kusama / Polkadot.

The entire Apron Network will be composed of Apron Pillar Node, Apron Node, Apron Service Marketplace and Apron SDK.

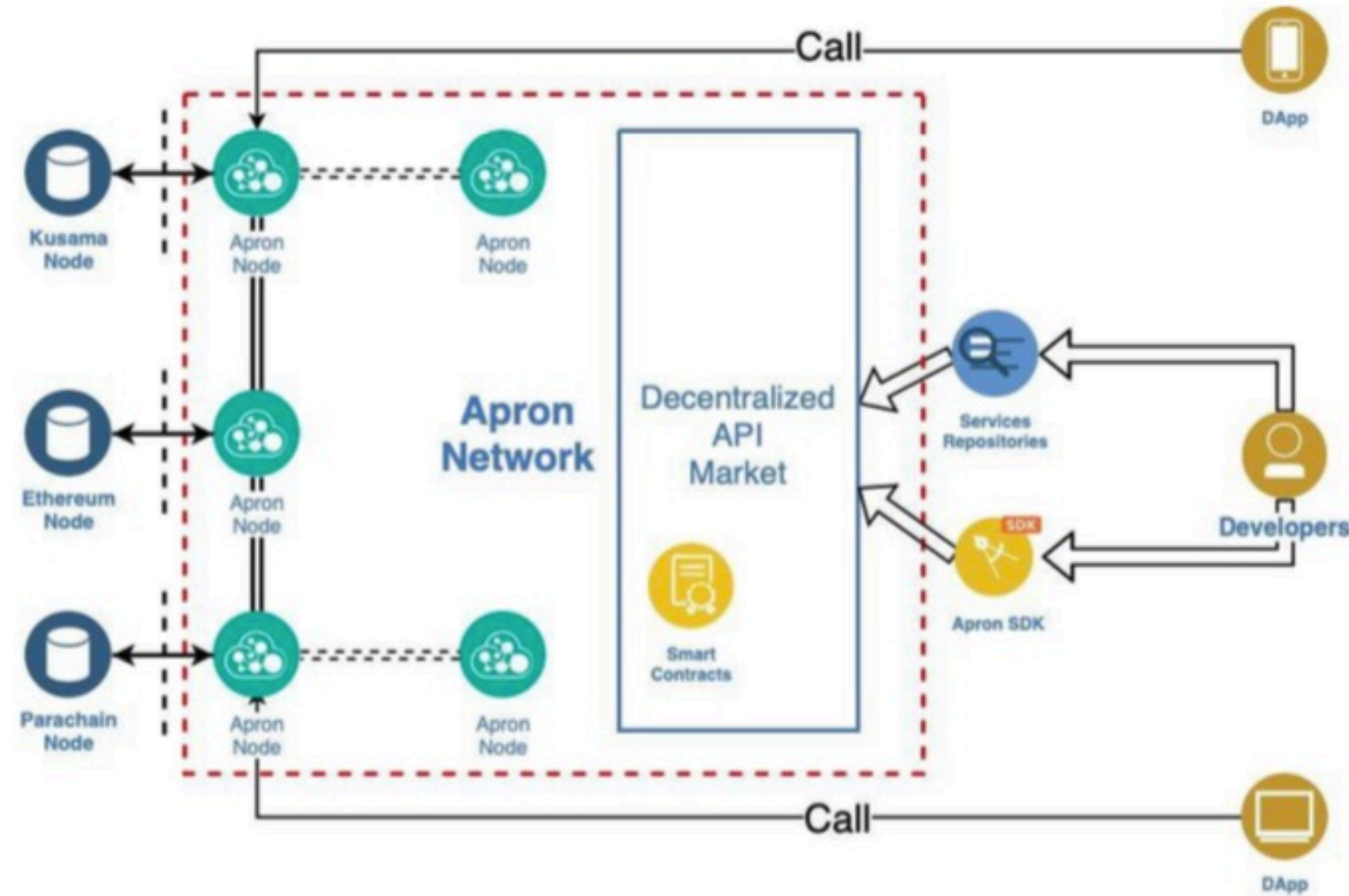
On top of Apron Network, Apron DAO will be introduced to manage Apron Network.





# Architecture

Apron Network will connect the infrastructure service providers to application developers through the help of Decentralized Service Marketplace. The Apron SDK will help developers to use the Apron Network.



# Ecosystem

Apron Network adopts a user-oriented business model, so there is no need for separate miners for block packaging, and service nodes are required to generate APN rewards from the actual services performance. Service nodes are both the main contributors and the main beneficiaries of the system, and the APN holder reward algorithm has a difficulty adjustment as well as single and total reward decay mechanisms that are designed to incentivize real usage and maintain the long-term stability of the system, circumventing a crude economic model. In order to attract more third-party users' interest in APN and anchor the intrinsic value of APN, we charge a certain commission and service fee for each business, which varies from business to business, and after the fee is aggregated, it will be destroyed to ensure the stability of APN's value.

## Service Guarantee



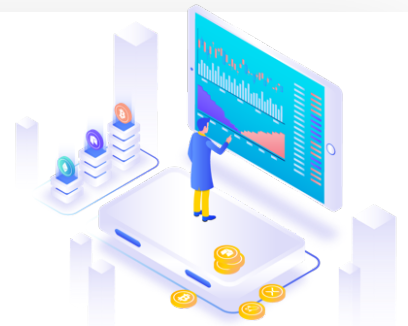
All nodes need to mortgage APN to ensure the quality of service and stability. When the service node does evil or the service has problems, the security fund will be confiscated according to the situation. It will also be awarded according to the pledge proportion and the service time of the node.

## Service usage



APN will be used to settle the transaction fees, and the service usage fee will automatically reach the best price in the market according to the principle of free market

## Governance



APN Owners can participate in community governance on the Apron Network by voting for protocol upgrades, community governance, and more.



# Decentralize the Infrastructures

**Open Service Marketplace**  
**Protect Service Providers and Users' Privacy**  
**Community and DAO driven**

## Contact us



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