

THE FUTURE IS WEB3.0

**WEB3.0
EMERGING TECHNOLOGIES**

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COVERED TODAY

A BRIEF OUTLINE

WHAT IS WEB3.0?

THE MAIN ELEMENTS OF WEB3.0

BLOCKCHAIN

METAVVERSE

NFTs

CRYPTOCURRENCY

DAPPS

TIMELINE OF RECENT TECHNOLOGY

WEB1.0

- 1990s — Early 2000s
- Read Only
- Local Data Storage + Local Computing
- Examples Include: Internet Explorer, Netscape, and Yahoo

WEB2.0

- Early 2000s — Today
- Read + Write Only
- Cloud Storage and Central Computing
- Examples Include: Apple, Amazon, Google, and Meta(Facebook)

WEB3.0

- Today — The Future
- Read, Write, and Own
- Decentralized Storage and Decentralized Computing
- Examples Include: Mirror, Audius, DeSo, and Decentralized

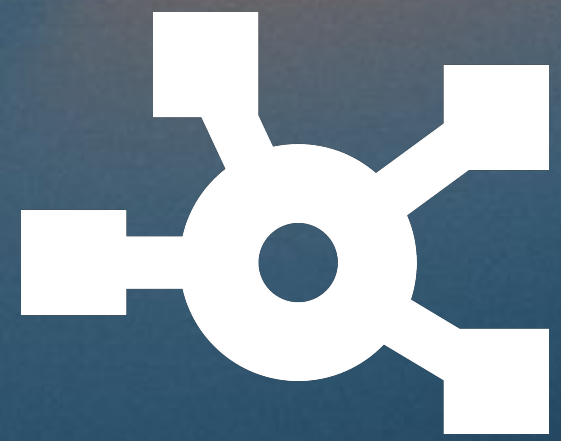
WHAT IS WEB3.0?

WHERE WE ARE TODAY

At the most basic level, Web3.0 refers to a decentralized online ecosystem based on the blockchain. Platforms and apps built on Web3.0 are not owned by a central gatekeeper, but rather by users, who will earn their ownership stake by helping to develop and maintain those services.



THE MAIN ELEMENTS OF WEB3.0



BLOCKCHAIN



METaverse



NFTs

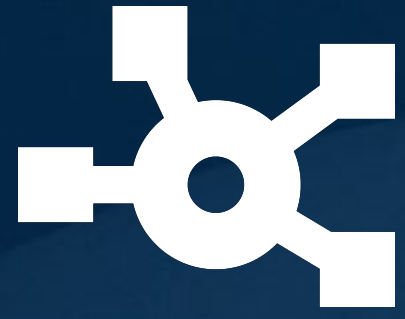


CRYPTOCURRENCY



DAPPS

BLOCKCHAIN



Blockchain is a **system of recording information in a way that makes it difficult or impossible to change, hack, or cheat the system.** A blockchain is essentially a digital ledger of transactions that is duplicated and distributed across the entire network of computer systems on the blockchain.

PROGRAMMABLE

A blockchain is programmable (i.e. Smart Contracts)

SECURE

All records are individually encrypted

ANONYMOUS

The identity of participants is either anonymous or pseudonymous



DISTRIBUTED

All network participants have a copy of the ledger for complete transparency

IMMUTABLE

Any validated records are irreversible and cannot be changed

TIME-STAMPED

A transaction timestamp is recorded on a block

UNANIMOUS

All network participants agree to the validity of each of the records

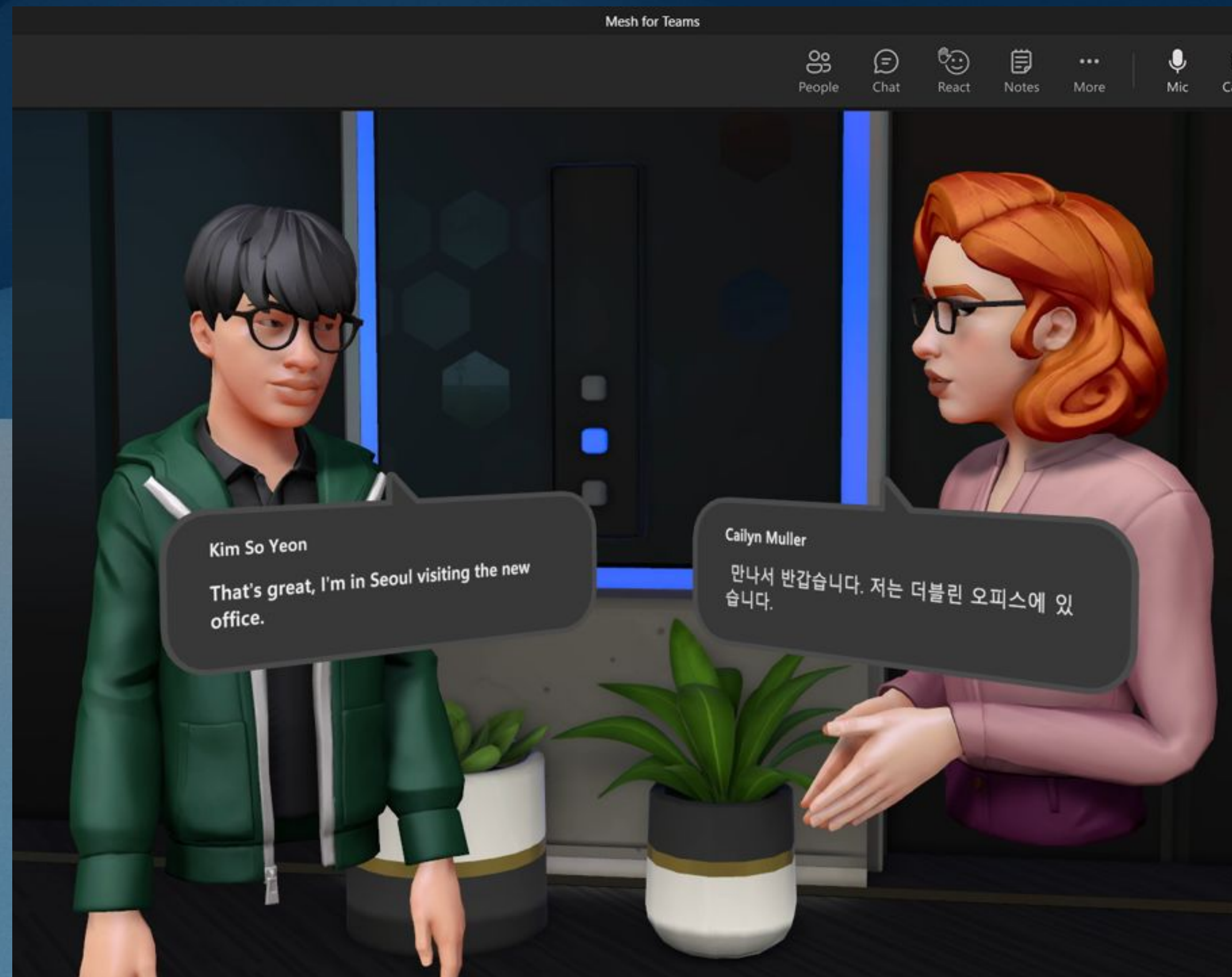
METaverse



The metaverse is essentially a representation of an immersive 3D virtual world where users can interact with different spaces as their digital avatars. Just like the real world, the metaverse can **allow users to move around different metaverse spaces as their digital avatars.**



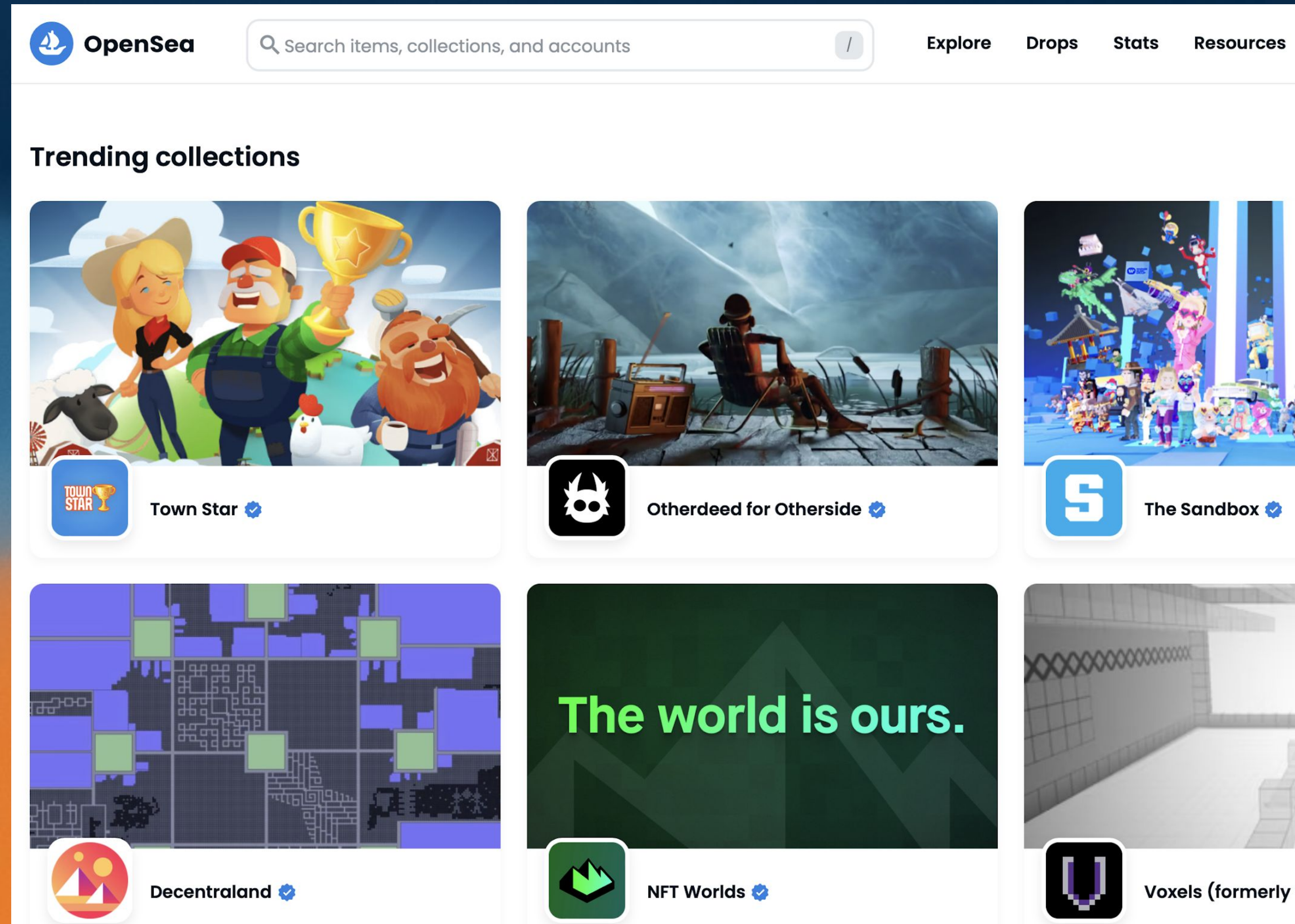
WHAT A METaverse MEETING LOOKS LIKE



NFTs



NFT stands for **Non-fungible Token**, which means that hidden in those quirky artworks, there's a unique and non-interchangeable unit of data stored on a digital ledger using blockchain technology to establish proof of ownership



OPENSEA.IO NFT MARKETPLACE

CRYPTOCURRENCY



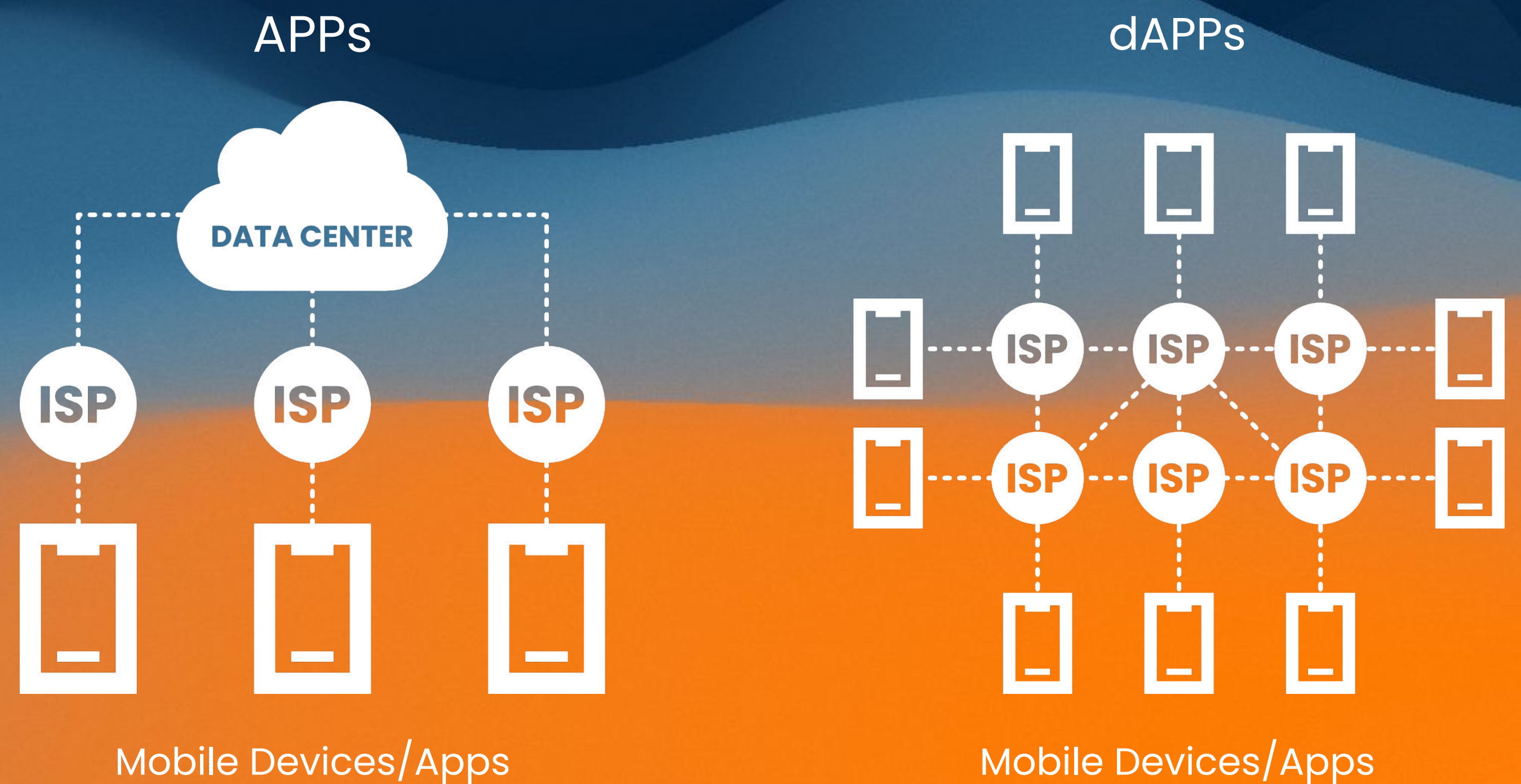
The National Conference of State Legislatures (NCSL) describes cryptocurrency as a **digital currency or virtual currency that is not issued or backed by the U.S. Government or any other government or centralized bank.** That means crypto isn't subject to things like transaction fees or geography and can be completely anonymous

Cryptocurrencies run on a distributed public ledger (blockchain), a record of all transactions updated and held by currency holders. Units of cryptocurrency are created through a process called mining, which involves using computer power to solve complicated mathematical problems that generate coins.

dAPPs



Decentralized applications (dApps) are applications that exist on a peer-to-peer (P2P) network of computers, such as a blockchain, instead of a single hosting server. They work like regular apps, but without being controlled by a single authority.



THANK YOU

**THAT'S A HIGH LEVEL VIEW OF
THE UPCOMING WEB3.0
ENVIRONMENT**

QUESTIONS?

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