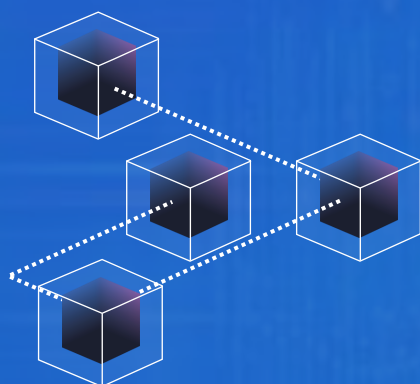# MINING

ChainUp's mining business is founded with subsidiary Origin Storage, the leader in the IPFS field with distributed storage mining products.

ORIGIN Storage

4

IPFS and Mining

Web 3.0 is the third generation of internet services that focus on using a machine-based understanding of data to create a more intelligent and connected web.

With groundbreaking developments in cloud computing, big data, IOT, AI, and the digital transformation of traditional industries and other information technologies , aggregated data volume has shown exponential growth with total global data volume expecting to reach 175 ZB by 2025. This has brought both opportunities and challenges to the data storage industry.

Web 3.0 and the Metaverse present the highest demand for computational storage and network resources thus far. Currently, no single organization has the capacity to address this massive demand.

The solution is blockchain distributed storage, which the InterPlanetary File System (IPFS) is number one, complementing the core establishment of the Metaverse. IPFS is the leader in terms of operational mechanism, cross-chain expansion, as well as the execution and implementation of smart contracts.
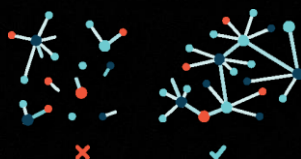
" NOT IPFS
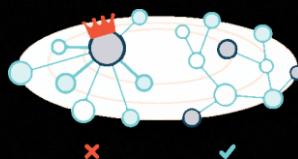## NOT YOUR NFT "

- Juan Benet

Today's web is
inefficient and expensive

Today's web
can't preserve humanity's history

Today's web is
centralized, limiting opportunity

Today's web is
addicted to the backbone
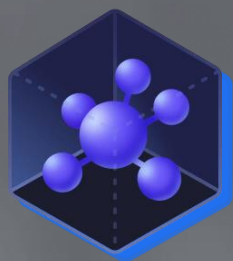
Mining Products and Services

As a distributed storage infrastructure service platform in the Web 3.0 era, ChainUp's subsidiary ORIGIN Storage provides customers with secure, easy-to-adopt, and efficient solutions with leading mining industry experience. In 2020, ChainUp Capital invested $20 Million USD for IPFS mining deployment.

3 WAYS TO MINE

One-Stop Mining Rent, Mine, Buy, and Store

With industry leading mining power capabilities and scalable solutions, our computing power acceleration server is responsible for IPFS data encapsulation in the replication certification stages of mining. We also provide the storage of sealed computing power in later stages. These two are used for Filecoin mining and cooperate synergistically. Clients have flexible access to computing machines and storage machines based on their business needs and can be scaled quickly.

Joint Mining High ROI Mining Product

In joint mining, we serve our clients to supplement mining in areas where they need additional support. For example, we can provide mining servers, technology development, operational fulfillment, hardware maintenance, IDC room hosting, or other components that clients may need. Clients can provide digital currencies to stake, and use our services to supplement the operations needed. In short, for clients with digital assets on hand, they can easily participate in mining without purchasing or operating any machines, and revenue is shared.

Filecoin Cloud Mining Easy and Flexible

We offer 90 / 180 / 360 / 540 Day Filecoin full storage mining packages. With our packages, clients do not need to invest in any equipment, or provide any digital currencies or gas fees. Clients can choose the time frame and enter the market and enjoy gains both immediately (as soon as next day settlement).

Mining Specifications

IPFS Server Construction
FIL, AR node construction, operational support, maintenance, and comprehensive end- to–end servicing.

Node Pledge Mining
Validator nodes operate and maintain consistent PoS income. Customers can pledge token such as ETH, FIL, EOS, or others, to obtain earnings.

Remote Zero-Knowledge Proof
Remote assistance for virtual machine authentication, increasing support efficiency and enhancing security protocol.

Blockchain Node Construction
One-stop blockchain full-service functions include shared proprietary nodes and the construction of open APIs.

Our IDC Mining Plants

- National-level strategic technology center
- 2T Internet entrance, T3+ machine room
- Closed cold channels with temperature control
- Dual mains connection + Diesel Generator + UPS power supply
- Dual power supply network, with bandwidth meeting network transmission requirements

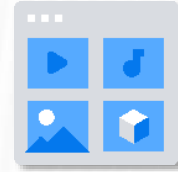| **0**	**10+**	**100,000+**	**600 P+**
Security Incidents	IDCs	Managed Servers	Computing Power

Our Mining Solutions Advantages

Mining Facilities
T3+IDC Facilities

Staking Funds
Secure, Reliable,
Full Settlement

International Mining Ops
Compliant, Scalable

Data Storage
Big Data Management

Facility Ops and Maintenance
0% Incident Rate

Client-centric
Customizable to clients' needs

Cloud Mining
Start Instantly

Mining Machine Purchase
Bulk Purchase Available