

WHAT IS SUKHAVATI (SKT) ?

Sukhavati is a decentralized cloud service network focused on storage. Based on TEE and Substrate, it implements a low-consumption and meaningful storage verification mechanism: EPoS (Efficient Proof of Spacetime). On the basis of this architecture, Sukhavati will establish a decentralized data access gateway covering both Web3.0 and Web2.0 storage ecosystems to provide unified data storage, retrieval, and management services for Web3.0 applications.

Problems:

Large-scale applications under the vision of Web3.0 will only be realized with the support of decentralized storage networks. However, the current decentralized storage verification process **consume too much computing power**, making **storage and application costs prohibitively expensive**. This cost inefficiency precludes a significant number of existing **small storage devices** (such as **home NAS servers**) from participating in decentralized storage networks. As a result, storage distribution today remains **highly concentrated**, which is antithetical to the **Web3.0 peer-to-peer (P2P) distributed network** ■



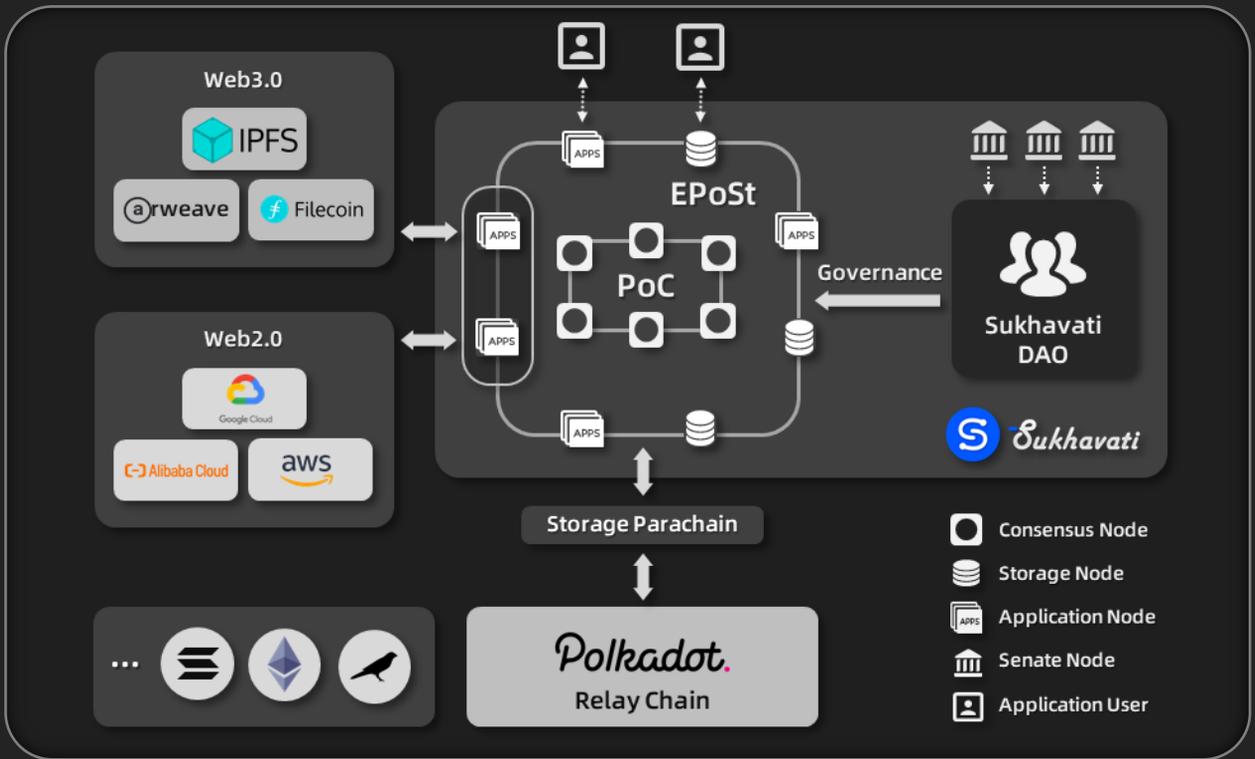
Due to **different local laws and regulations**, it is necessary that **decentralized storage network nodes** be able to apply **local compliance restrictions** to the content it stores. Existing storage projects **have not paid enough attention to this important and inescapable reality**, thereby inadvertently exposing **storage miners** to **violation of local laws**. **Web3.0 applications** need a network that not only **recognizes local variations in law**, but that also provides **a secure, readily available, low-cost, and easy-to-use decentralized** data access service ■



Solution:

Sukhavati makes full use of the advantages of the **Substrate framework** and **TEE hardware trusted execution environment technology**, and has designed a hybrid algorithm of the EPoS (Efficient Proof of Spacetime) and PoC (Proof of Capacity) mechanisms, thus realizing a **low-consumption** and **secure storage verification process**. The result is that a significant number of **small network storage devices** can be included in the network as **storage nodes**. This is peer-to-peer in the **truest sense**, and therefore **truly low-cost**. Additionally, **Sukhavati** will build a decentralized data access gateway **fully compatible** with both **Web3.0 and Web2.0 storage ecosystems** based on the **local trusted computing capabilities of nodes** and using the storage layer as a medium, **connecting various protocol islands**. The gateway ultimately provides **unified data storage, retrieval, and management services** that can **meet all local compliance requirements** for Web3.0 applications ■

NETWORK DIAGRAM



ROADMAP



Proof-of-Capacity (PoC) + Efficient Proof-of-Spacetime (EPOSt) are used as the consensus mechanism. PoC can maintain high security consensus with a small energy consumption after the initial Seal operation.

EPOSt, based on Trusted Execution Environment (TEE), verifies contract-based storage. Storage nodes can obtain storage incentives after successfully completing EPOSt verification.

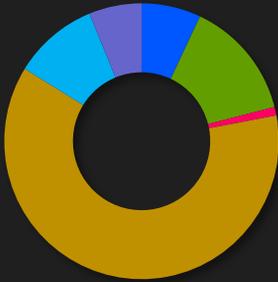
Sukhavati's storage layer provides a medium to establish a decentralized data access gateway covering both Web3.0 and Web2.0 storage ecosystems, to connect various protocol islands, and to provide unified data storage, retrieval, and management services for Web3.0 applications.

TOKEN MODEL

Token Name : **SKT** Total Mining Supply : **382M**
Type : **Utility token** Listing Exchange : **Multiple**
Token Supply : **618M** Consensus : **EPOSt+POC**
Token Utilities : **Cloud storage space credit**
Proof-of-Spacetime Collateral
Mining : Support dual-purpose mining with Filecoin and most POC

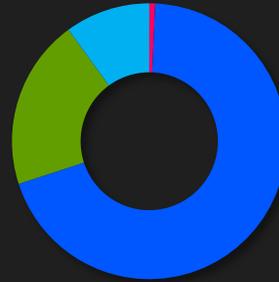
DISTRIBUTION

Token Supply Distribution



- Storage Mining 61.8%
- Private Placement 14%
- Early Backers and Team 10%
- Foundation Reserve 7%
- SKT Ecosystem Development 6.2%
- Exchange Listing & Public Placement 1%

Mining Rewards Distribution



- Collateral Mining 69.3%
- Staking Mining 20%
- Verifying Node 10%
- Hardware Mining 0.7%

TEAM



Mindaugas Savickas
CEO & Co-founder
Fast Invest
Harvard Business School



Rami Akeela, Ph.D
Co-founder
Blockchain Hardware Architect
Santa Clara University



Alexander Schneuwly
Compliance Advisor
KPMG
University of St.Gallen



Patrick Russell
Co-founder
City of Austin
University of Texas at Austin