

## Keywords about the reading "What Is a Consensus Mechanism?"

### 01. Consensus Mechanism

A system used in blockchain networks to agree on the validity of transactions.



### 02. Proof-of-Work (PoW)

A consensus mechanism where miners compete to validate transactions by solving complex cryptographic puzzles.

### 03. Proof-of-Stake (PoS)

A consensus mechanism where validators are chosen based on the amount of cryptocurrency they hold and stake in the network.



### 04. Proof-of-Authority

A consensus mechanism mainly used by private organizations, relying on vetted sources with special permissions to validate blocks.

## 05. Delegated Proof-of-Stake

A variation of PoS where users can vote on delegates to validate transactions and create new blocks.



## 06. Cryptocurrency

Digital or virtual currency that uses cryptography for security and operates independently of a central authority.

## 07. Blockchain

A decentralized, distributed ledger technology used to record transactions across multiple computers in a secure and transparent manner.

