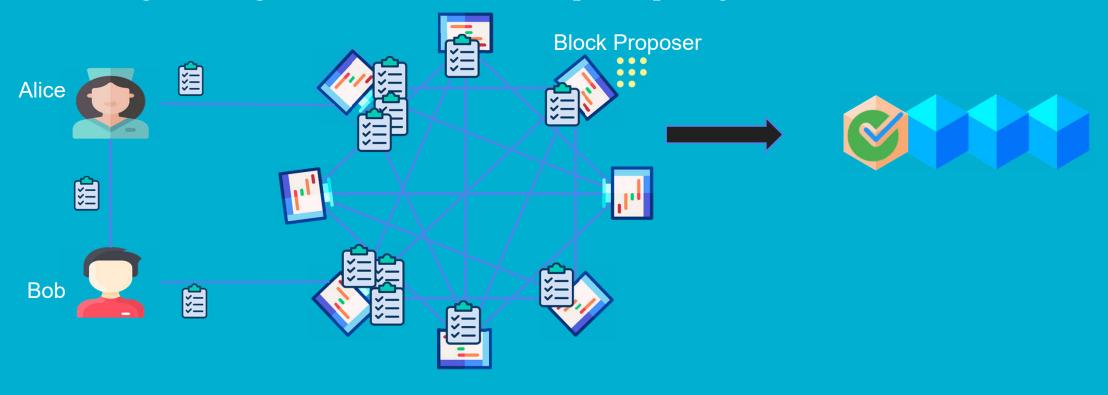


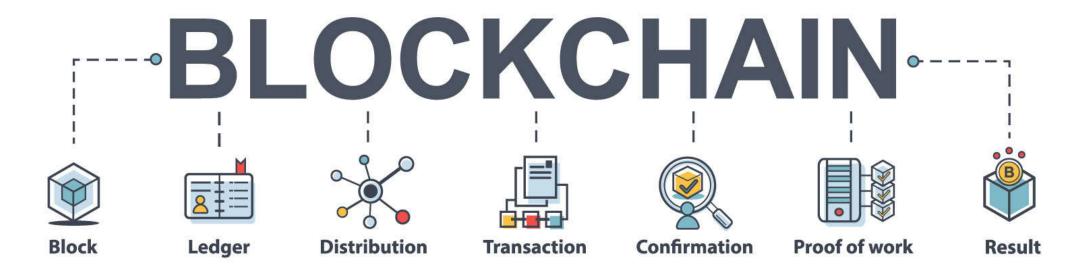


Consensus Algorithm

It is an general agreement between all the participating nodes in the network.



Blockchain Process



Transaction execution in Blockchain





A Blockchain normal node (e.g., computer or mobile), create transaction

The transaction broadcast to network of all P2P miner nodes



P2P network of miner nodes

Nodes verifies the transaction

using public key cryptography



linked to other transaction to create new block

transaction, and

Verified



appended into existing

blockchain

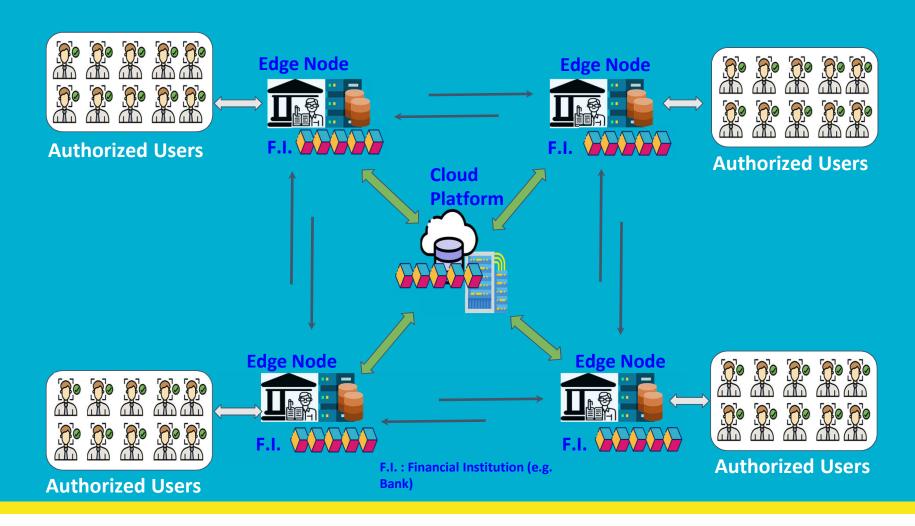




Block

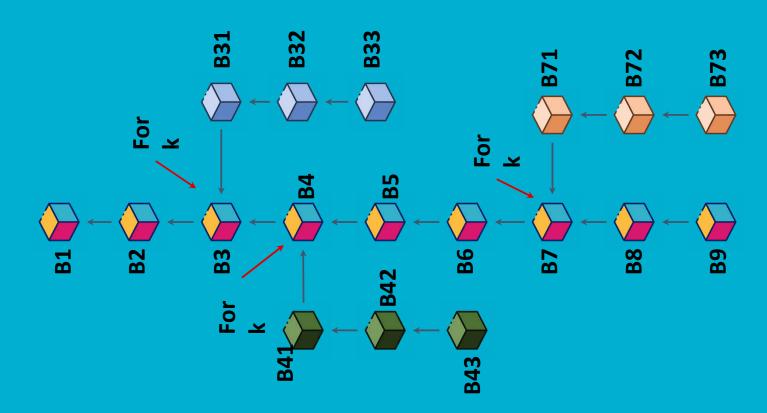




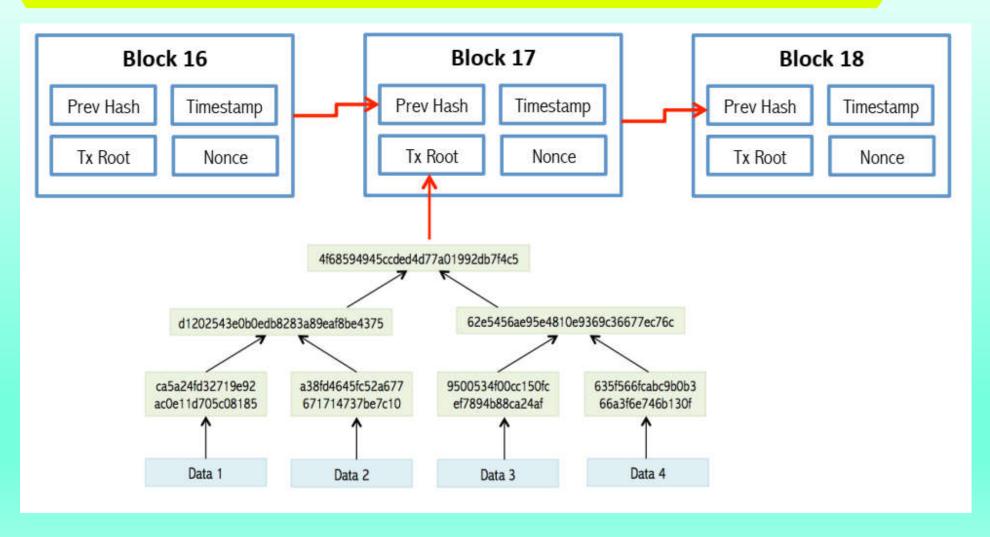


Structure

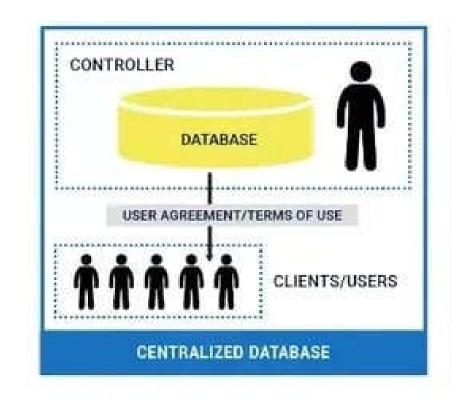


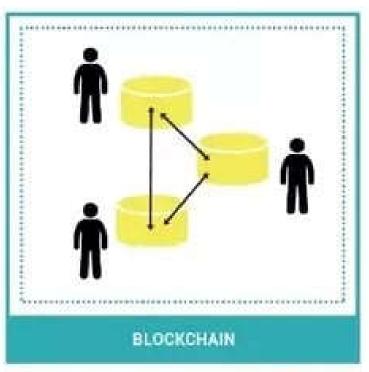


The data structure of the Bitcoin Blockchains

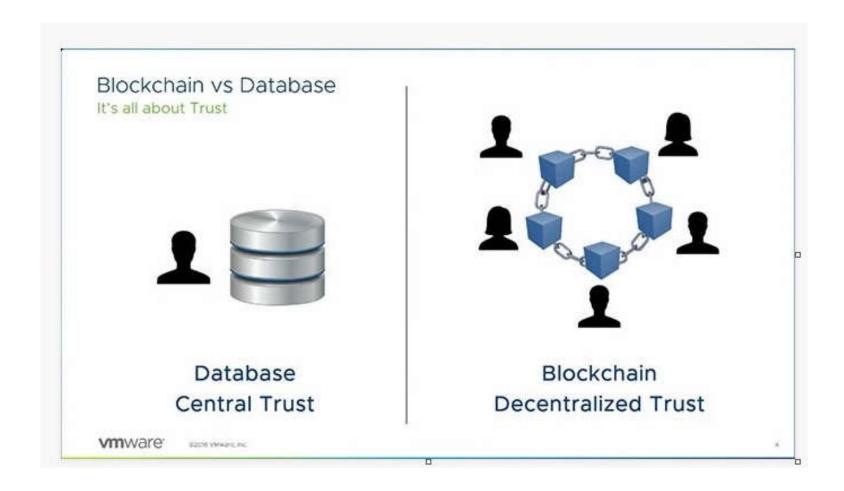


CENTRALIZED DATABASES VS. BLOCKCHAIN





Blockchain Decentralized Trust





Thank you!