

The Basics of IOTA



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GM Q-FREE MALTA

www.blockchainrebels.com



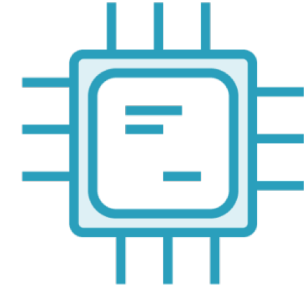
What Is IOTA?



Token/crypto currency



Not blockchain



Internet of Things
(IoT)



Micro transactions



No fees



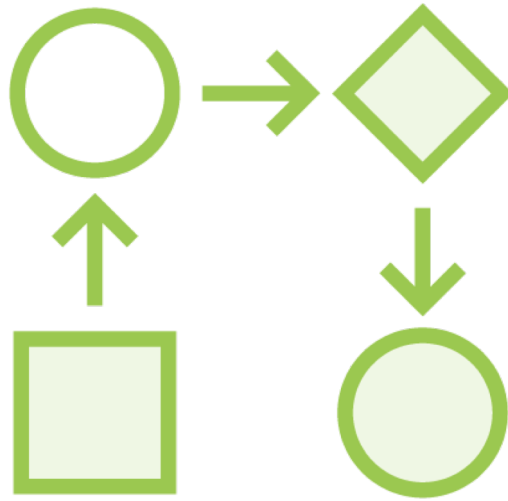
Scalable



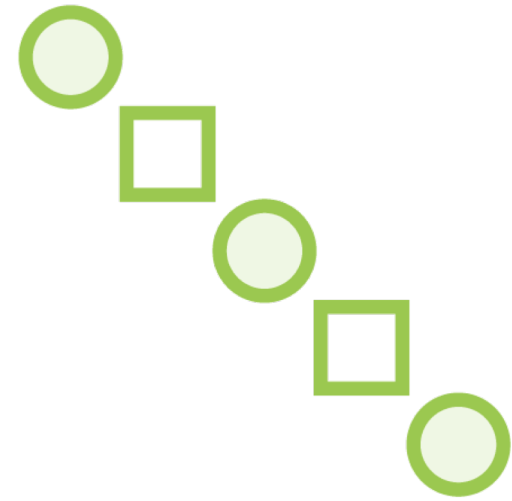
What Is a Ledger?



Starting balances



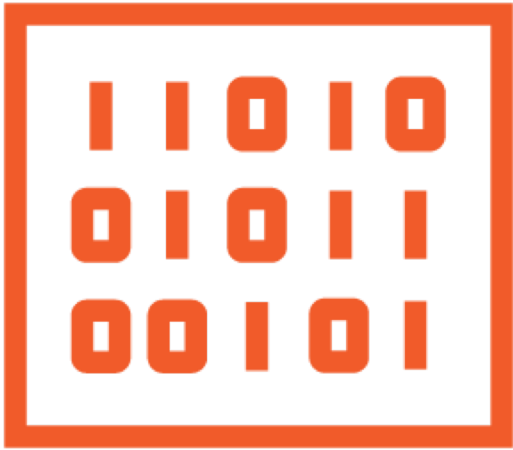
Transactions



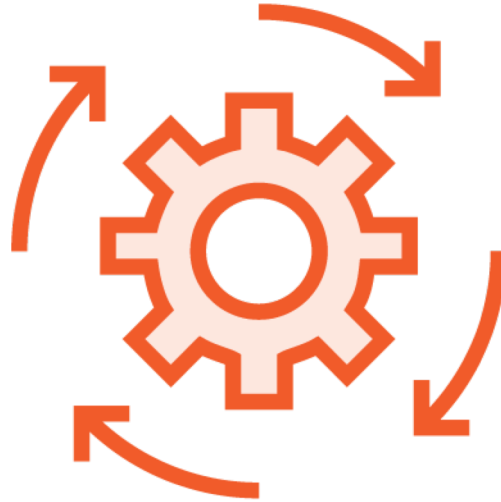
Validation and
recalculation



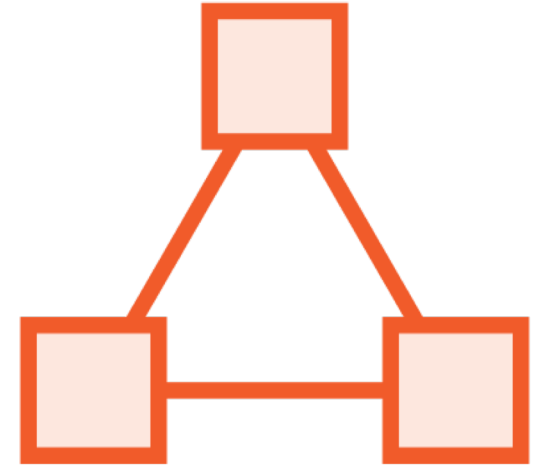
Distributed Ledger



Single



Shared



Distributed

The Characteristics of the IOTA Distributed Ledger

Accessible

Non-stoppable

Verifiable



Usage Scenarios for IOTA



Transportation

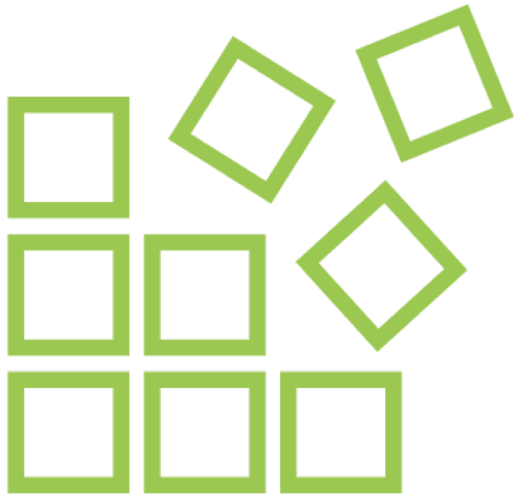


Sensors



New services

The Difference Between IOTA and a Blockchain



Snapshots



No miners

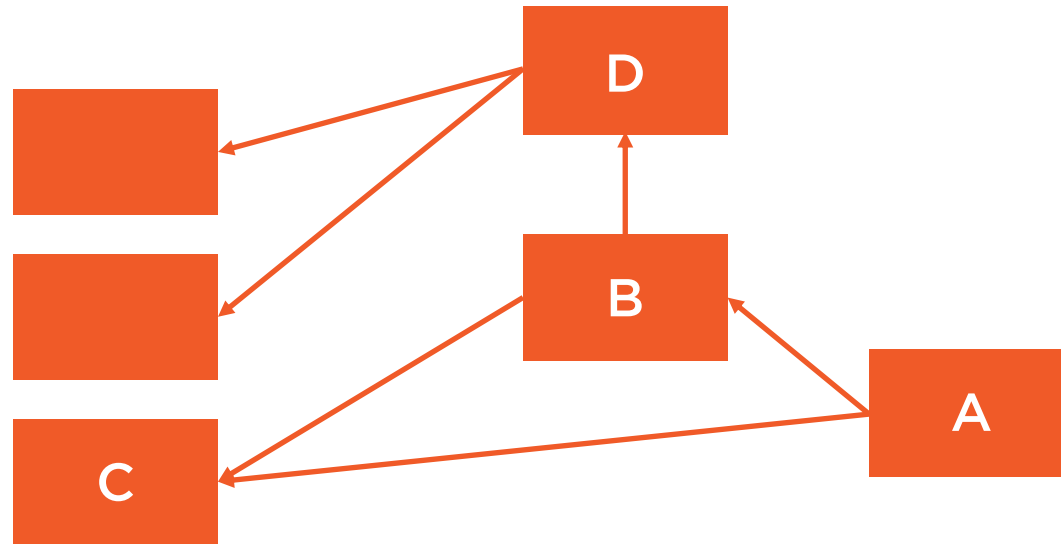


No transaction
fees

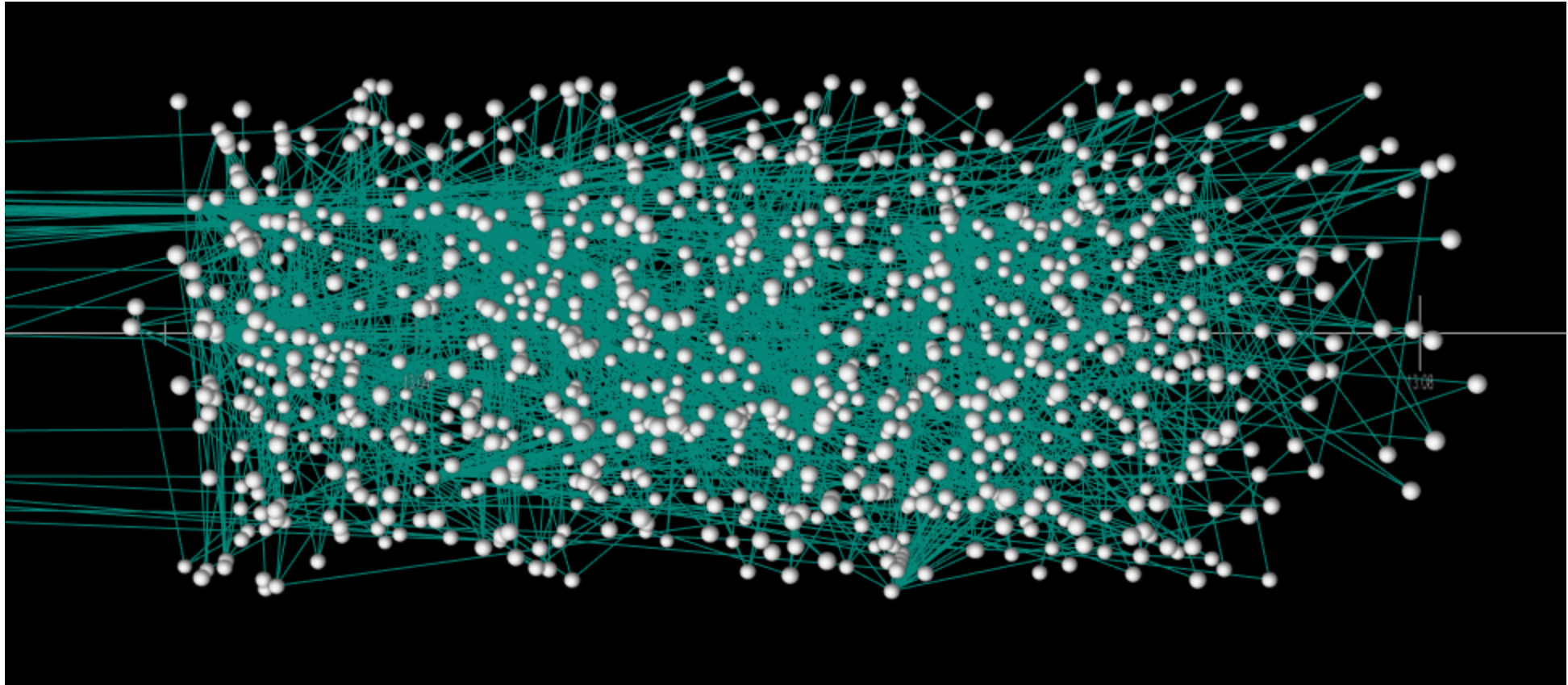


Getting faster
vs. getting
slower

Directed Acyclic Graph (DAG)



The Tangle



Proof of Work



Avoid spamming

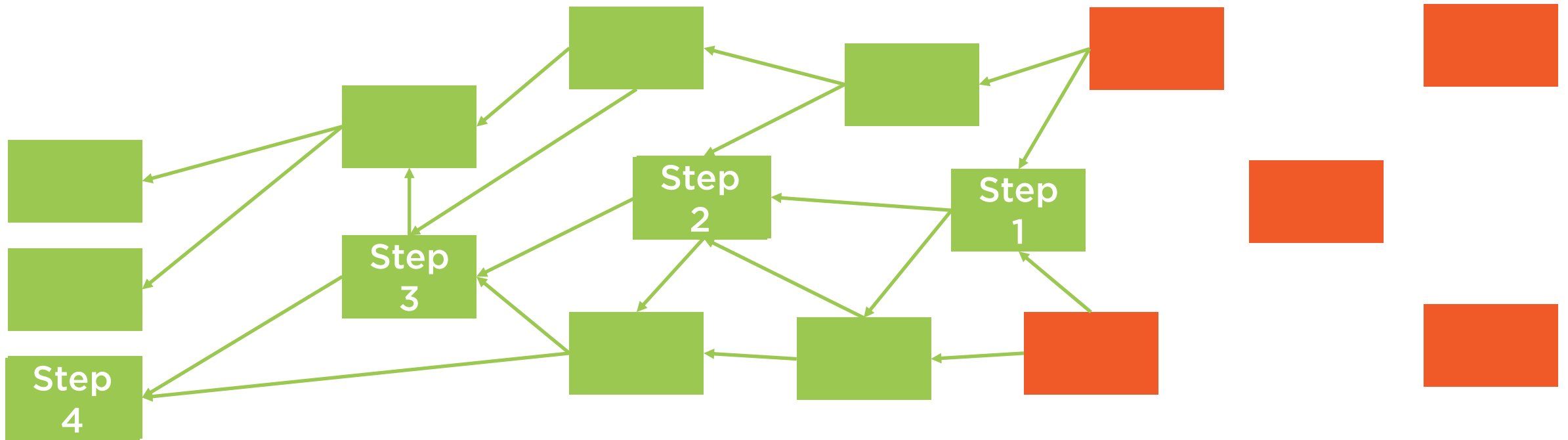


Sybil attack



Hashing

Tips - Unconfirmed Transactions



Addresses and Keys

HDBAWDDAAGISHLY9J9PCC
MWRGMFXSJQRQHGIOCLMM
SPAIVEWTYWYGZEGEY9DLO
XGDXXJJBYTKDIBPDLEDB

Seed



Making a Transaction

Sign

Tip selection

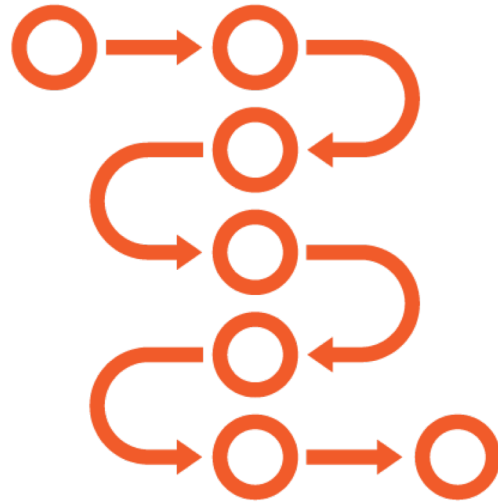
Proof of work



The Coordinator



Centralized node



Milestones



The switch-off

Buying IOTA

Exchanges

Coinbase.com

Binance.com



Summary



Basics of IOTA

Ledgers

DAG and the Tangle

Transactions

Buying IOTA

