



Proof of ..Stake
..Authority
..?

Various Leader Election Mechanisms

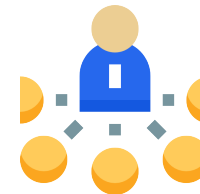
- Proof of Stake

Vote with your staked assets.



- Delegated PoS

Allow someone else to vote on your behalf.


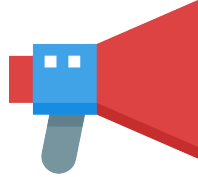


- Proof of Authority

== centralised system



Idea of Proof of Stake

- Validators commit stake 
- Propose and attest blocks 
- Randomly selected as block proposer
- Once “enough” validators attest a block, it’s “valid”
- Block rewards paid for proposing and attestation
- Penalties for malicious behaviour:
being offline, attempting a fork, etc.

Proof of Stake Myths

Maybe with sharding,
but at the cost of a
complexity increase.

- PoS increases scalability
- PoS reduces centralisation

