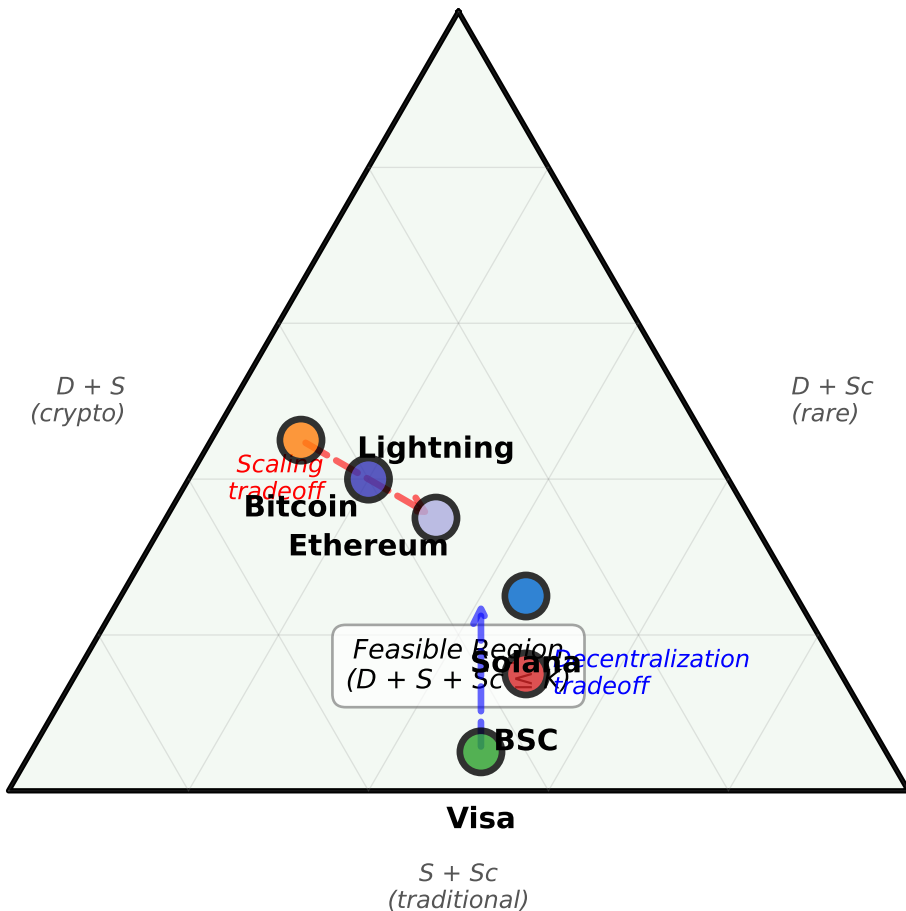


Blockchain Trilemma: Constraint Optimization

Decentralization

Trilemma Constraint:
Systems can optimize at most 2 of 3 properties.

- Bitcoin/Ethereum: D+S, sacrifice Sc
- Visa/BSC: S+Sc, sacrifice D
- Solana: Balanced compromise



Scalability