

K.2 Definition of Consensus Mechanism

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Consensus Mechanism, in DIDOS, is any of a number of general-purpose **Consensus Mechanisms** that have been developed with each DIDO Platform choosing the mechanism best suited for its needs. Some examples are Proof of Work (PoW), Proof of State (PoS), PoS, etc.

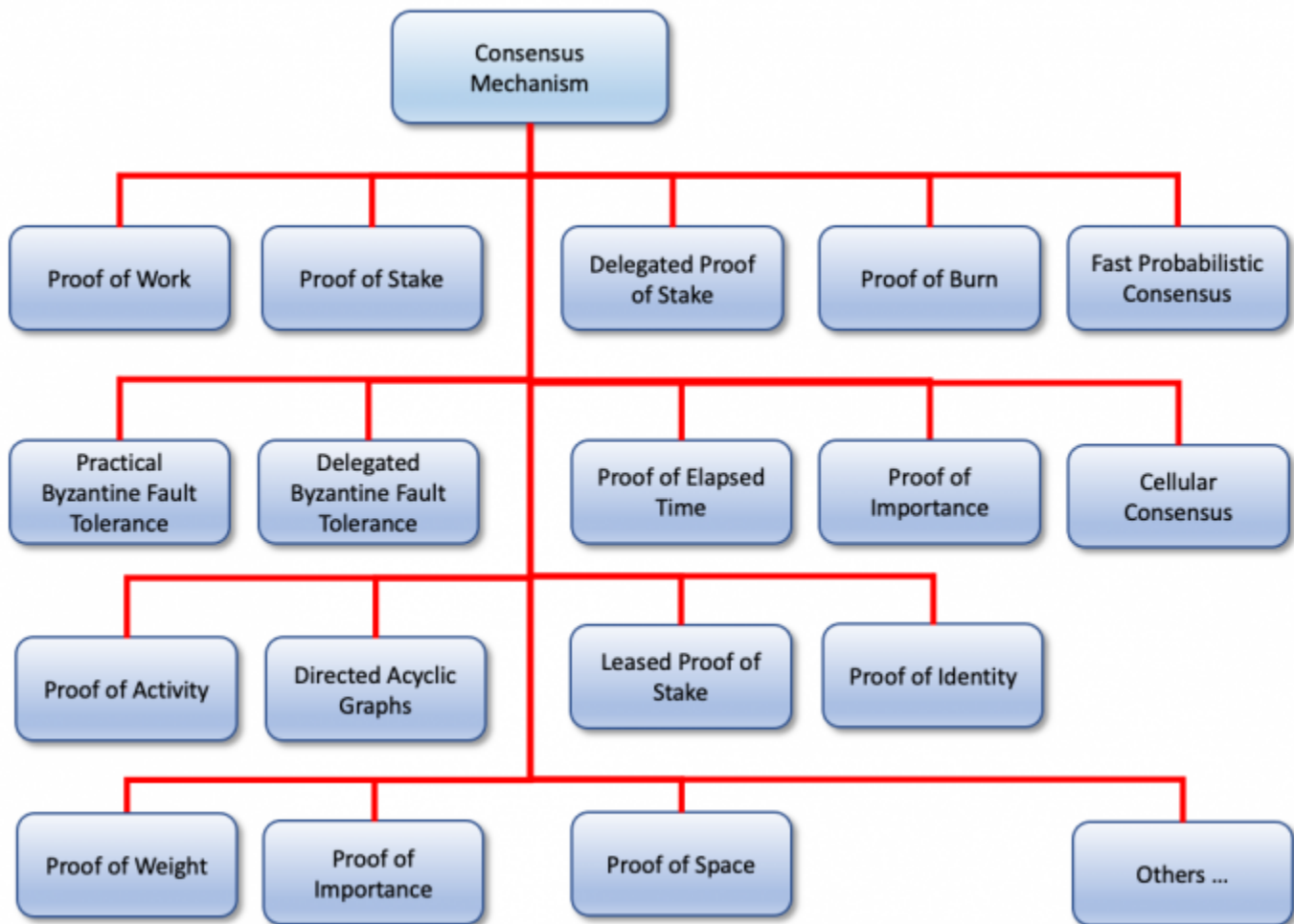


Figure 1: Some of the more common Consensus Mechanisms.

Common Consensus Mechanisms

- [Cellular Automaton Consensus](#)
- [Delegated Byzantine Fault Tolerance \(dBFT\)](#)
- [Delegated Proof of Stake \(DPoS\)](#)
- [Directed Acyclical Graphs \(DAGs\)](#)
- [Fast Probabilistic Consensus \(FPC\)](#)
- [Leased Proof of Stake \(LPoS\)](#)
- [Other Consensus Methodologies](#)

- Practical Byzantine Fault Tolerance (pBFT)
- Proof of Activity (PoA)
- Proof of Authority (PoAuth)
- Proof of Burn (PoB)
- Proof of Capacity (PoC)
- Proof of Elapsed Time (PoET)
- Proof of Importance (Pol)
- Proof of Stake (PoS)
- Proof of Weight (PoW)
- Proof of Work (PoW)
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