

Consensus Finality Comparison

1 sec

1 min

10 min 1 hour

PBFT
(Hyperledger)



Instant

DPoS
(EOS)



2 sec

PoS
(Ethereum)



12.8 min

PoW
(Bitcoin)



60 min

**INSTANT FINALITY
(Deterministic)**

**ECONOMIC FINALITY
(Slashing guarantee)**

**PROBABILISTIC
(Confirmation depth)**

10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Time to Finality (seconds, log scale)