

Quiz: Consensus Comparison

Instructions: 10 multiple choice questions — Select the best answer — Answers revealed after each question

Q1. What is the primary security assumption for Proof-of-Work?

- A) $>33\%$ stake honest B) $>50\%$ hash rate honest C) $<1/3$ validators malicious D) $2/3+$ committee

Quiz (1-5)

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Answer: B – PoW requires >50% honest hash rate to prevent 51% attacks.

Q2. Which consensus achieves instant finality?

- A) Proof-of-Work B) Proof-of-Stake C) PBFT D) Delegated Proof-of-Stake

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- A) 50% B) 75% C) 90% D) 99.95%

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Q4. In PoS, what stake percentage can halt finality?

- A) 10% B) 33% C) 51% D) 67%

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Answer: B – Slashing destroys staked tokens of misbehaving validators.