

Quiz: Scalability Trilemma

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

Q1. What is the blockchain scalability trilemma?

- A) The choice between PoW, PoS, and DPoS B) Achieving only two of: decentralization, security, scalability C)
The trade-off between speed and cost D) The conflict between miners and validators

Quiz (1–5)

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Answer: B – A blockchain can optimize at most two of three properties.

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- A) Ethereum Classic fork
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- B) Yes, with L2
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Answer: C – The trilemma represents fundamental trade-offs; solutions mitigate but don't eliminate.