

Homework 5

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Q1. If you operate a private blockchain. What's the difference between proof of stake and proof of work?

Proof of stake : 工作量證明

Proof of work : 權益證明

Q2. What is gas in Ethereum? How does the gas mechanism prevent DoS attack?

Gas : 以太方的 gas 就像是比特幣中的 gas , 是用來給予礦工的獎勵

Q3. What is the main function of Ethereum?

Q4. (Open question.) Do you care about who actually execute your smart contract?

Why or why not?

不在意

Q5. Ethereum is a platform for DApp. What is the pros and cons of such public platform?

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Q6. (Open question.) Based on your answer of Q5, if you need a secure and private DApp execution environment, what would you do to Ethereum?