区块链作业四

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1. Where does Bitcoin get its value? And why?

The value of Bitcoin comes from its use, which can be used for payments and remittances. It can send money cheaply and efficiently across borders.

1. What is ECDSA?

ECDSA means Elliptic Curve Digital Signature Algorithm, which offers a variant of the Digital Signature Algorithm which uses elliptic curve cryptography.

1. What is Sybil Attack?

Sybil attack refers to the use of a small number of nodes in a social network to control multiple false identities, thereby using these identities to control or affect a large number of normal nodes in the network.

1. What may be the pros and cons of Permacoin?

Permacoin needs to find some large file and store file in blocks, in a Merkle tree. Miner stores a subset of blocks of T, based off of their public key. But it is hard to find large file, to change difficulty, to modify file.