Types of Mining

Mining can be divided into two types:

- **Solo Mining**:
    - Each miner will set up the hardware and register himself for mining.
    - The first miner to find the solution informs all the other miners that he has found the solution.
    - In Solo mining, there is no interruptions from other miners.
    - Mining rewards does not have to be shared.

- **Pool Mining**:
    - A single miner does not have enough resources to mine the Blockchain.
    - These miners combine their resources to mine the Blockchain faster.
    - Lower costs of mining, due to economies of scale.
    - Smoother income distribution.
    - Generating a higher income potentially.

Solo Mining

Transaction Initiated

Transaction is bundled into a block with other transactions
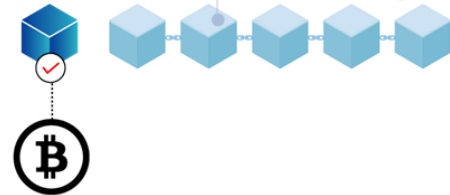
Block is broadcasted to all mining nodes in the network.

Transaction is validated by other nodes in the network.

Transaction is completed

New block is added to the blockchain.

Mining Completed and miner gets reward.

Pool Mining

Transaction is bundled into a block with other transactions

Transaction Initiated

Block is broadcasted to all mining nodes in the network.

Transaction is validated by other nodes in the network.

Transaction is completed

New block is added to the blockchain.

Mining Completed and rewards get divided among miners

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THANK YOU!

Any questions?

Visit
community.blockchain-council.org

You can also mail us at
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