Blockchain technology is distributed systems that heavily rely on performance of interconnecting networks. The main idea is to eliminate third party from system which comes with pros and cons. Main concerns are: security and networking issues. When it comes to cryptocurrencies number of issues rise. For example, complicated financial derivatives and keeping balance of accounts. All this leads to reaching to consensus between nodes securely and quickly. This mostly depends on how blockchain protocol written, in most permissioned blockchain networks based on BFT, time to reach consensus problem. There many propositions that solve both security and time problems. For instance, not broadcasting block with all transactions in bitcoin, exchanging only missing transactions (nodes ask for missing information only), depending to head block for new information, broadcasting transactions before finishing block.