

Avalanche Consensus

A deep dive into the Avalanche consensus protocol

Consensus is the task of getting a group of computers to come to an agreement on a decision. Computers can reach a consensus by following a set of steps called a consensus protocol. Avalanche is a new consensus protocol that is scalable, robust, and decentralized. It has low latency and high throughput. It is energy efficient and does not require special computer hardware. It performs well in adversarial conditions and is resilient to "51% attacks." This document explains the Avalanche consensus protocol. The whitepaper is [here](#).

Video

Encode Hack: Avalanche workshop 2



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agree on what to get for lunch. Suppose it's a binary choice between pizza and barbecue.

Some people might initially prefer pizza while others initially prefer barbecue. Ultimately