

Consensus Algorithms	Consensus Approach	Pros	Cons
Apache Kafka	Voting-based approach. Permissioned in nature. Only leader does ordering	Crash Fault Tolerant. Finality is achieved immediately.	In case of malicious nodes, agreement cannot be reached.
RBFT	Voting-based approach. Permissioned in nature.	Byzantine Fault Tolerant and Finality achieved immediately.	More time to reach consensus if more nodes are present.
Sumeragi	Server reputation system. Permissioned in nature.	Byzantine Fault Tolerant and Finality achieved immediately. Scales to a large amount of data	More time to reach consensus if more nodes are present.
PoET	Lottery-based approach. Permissioned in nature	Provides Byzantine fault tolerance and greater scalability	Finality is delayed due to forks.