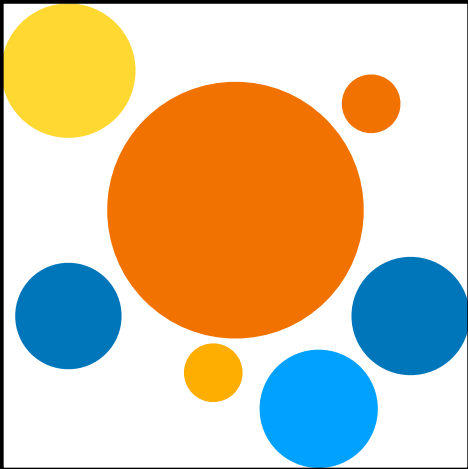
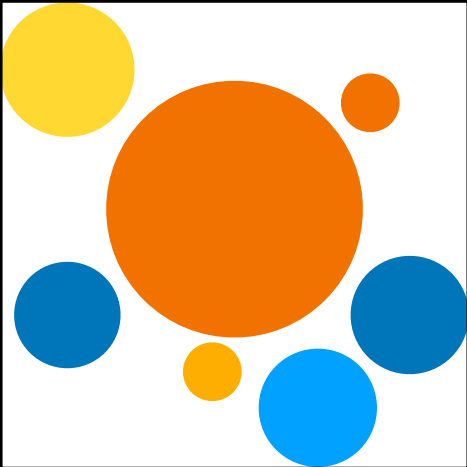


Strong consistency in a distributed system can be obtained through *consensus protocols* (e.g. Raft, Paxos, PBFT)











Set Red!







Prepare to
set **Red**!





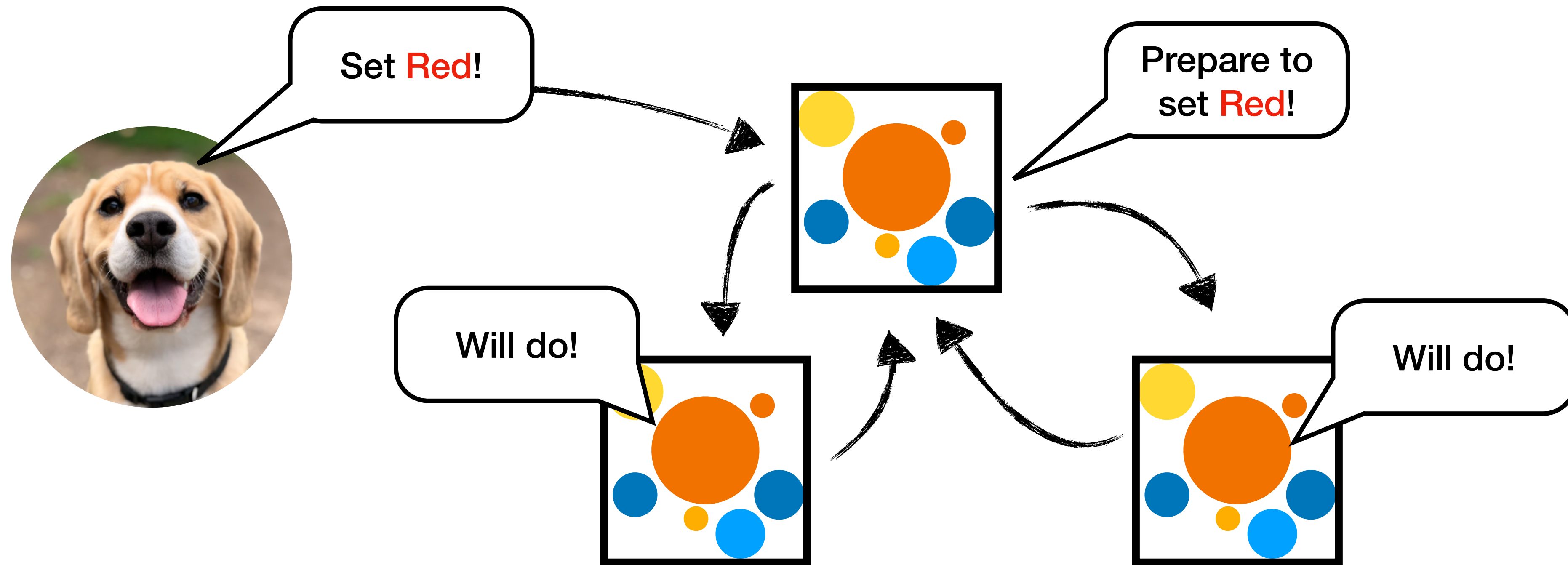


Will do!

A black and white graphic of a speech bubble. The bubble has a thick black outline and rounded corners on the left side. It tapers to a point on the right side. Inside the bubble, the text "Will do!" is written in a bold, black, sans-serif font.

Will do!

Strong consistency in a distributed system can be obtained through *consensus protocols* (e.g. Raft, Paxos, PBFT)



- The system will continue to work as long as $(n / 2) + 1$ nodes are alive
- Consensus algorithms typically require a lot of interaction between the nodes
- Consensus algorithms offer high availability and data consistency, but relatively poor throughput and relatively high latency