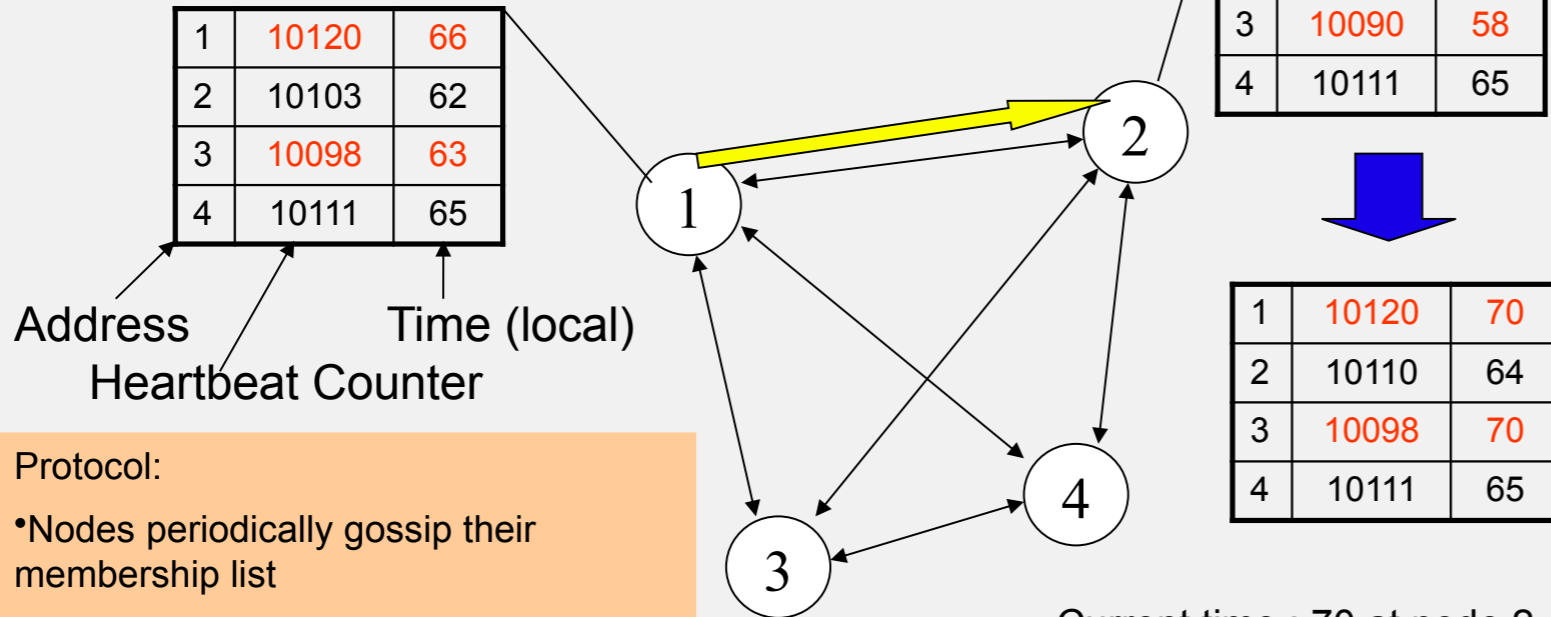


Cluster Membership – Gossip-Style

Cassandra uses gossip-based cluster membership



Protocol:

- Nodes periodically gossip their membership list
- On receipt, the local membership list is updated, as shown
- If any heartbeat older than T_{fail} , node is marked as failed

Current time : 70 at node 2
(asynchronous clocks)

(Remember this?)