

Writes (2)

- Always writable: Hinted Handoff mechanism
 - If any replica is down, the coordinator writes to all other replicas, and keeps the write locally until down replica comes back up.
 - When all replicas are down, the Coordinator (front end) buffers writes (for up to a few hours).
- One ring per datacenter
 - Per-DC coordinator elected to coordinate with other DCs
 - Election done via Zookeeper, which runs a Paxos (consensus) variant
 - Paxos: elsewhere in this course