

Summary of CAP Theorem

- In the presence of **a network partition**:
- In order to keep the replicas **consistent**, you need to block.
 - From an outside observer, the system appears to be **unavailable**.
- If we still serve the requests from two partitions, then the replicas will diverge.
 - The system is **available**, but no **consistency**.
- The CAP theorem explains this dilemma.