

Failures in Two-phase Commit

- If server voted Yes, it cannot commit unilaterally before receiving Commit message
- If server voted No, can abort right away (why?)
- To deal with server crashes
 - Each server saves tentative updates into permanent storage, right before replying Yes/No in first phase. Retrievable after crash recovery.
- To deal with coordinator crashes
 - Coordinator logs all decisions and received/sent messages on disk
 - After recovery or new election => new coordinator takes over