Lecture 1 · If single computer is enough dont use DS. · Motives for Ds: 1 Parallelism If one fails, another is backup systems inherently are physically distributed 2 fault tolerance (3) Physical reasons: (4) Security: require isolation - unexpected failure patterens 2 Basic 5 challenges - Partial failures - Performance - Storage
- Communication | Abstractions - Concurrency concurr. ops
- Performance · Performance 2x machines = 2x throughput - High level goal: scalable speed up WEB DB

WEB

WEB

DB

