

Problems we have seen since then

- Time and Synchronization
- Global States and Snapshots
- Failure Detectors
- Multicast
- Mutual Exclusion
- Leader Election
- Consensus and Paxos
- Gossiping
- Peer to peer systems – Napster, Gnutella
Chord, BitTorrent
- Cloud Computing and Hadoop
- Sensor Networks
- Structure of Networks
- Datacenter Disaster Case Studies

Basic Theoretical
Concepts

Cloud Computing

What Lies
Beneath