



Additional Resources

Here are some useful links for further reading (*we have discussed most of these systems in [Grokking the Advanced System Design Interview](#)*):

- 1. **Dynamo** - Highly Available Key-value Store
- 2. **Kafka** - A Distributed Messaging System for Log Processing
- 3. **Consistent Hashing** - Original paper
- 4. **Paxos** - Protocol for distributed consensus
- 5. **Bigtable** - A Distributed Storage System for Structured Data
- 6. **Gossip protocol** - For failure detection and more.
- 7. **Chubby** - Lock service for loosely-coupled distributed systems
- 8. **ZooKeeper** - Wait-free coordination for Internet-scale systems
- 9. **MapReduce** - Simplified Data Processing on Large Clusters
- 10. **Hadoop** - A Distributed File System

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System Design Basics

☒ Mark as Completed