Additional Resources

Here are some useful links for further reading (*we have discussed most of these systems in Grokking the Advanced System Design Interview (https://www.educative.io/courses/grokking-adv-system-design-intvw?aff=VOY6)*):

1. **Dynamo (https://www.allthingsdistributed.com/2007/10/amazons_dynamo.html)** - Highly Available Key-value Store

2. **Kafka (http://notes.stephenholiday.com/Kafka.pdf)** - A Distributed Messaging System for Log Processing
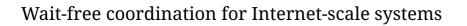
3. **Consistent Hashing (https://www.akamai.com/content/dam/site/en/documents/research-paper/consistent-hashing-and-random-trees-distributed-caching-protocols-for-relieving-hot-spots-on-the-world-wide-web-technical-publication.pdf)** - Original paper

4. **Paxos (https://www.microsoft.com/en-us/research/uploads/prod/2016/12/paxos-simple-Copy.pdf)** - Protocol for distributed consensus

5. **Bigtable (https://research.google/pubs/pub27898/)** - A Distributed Storage System for Structured Data

6. **Gossip protocol (http://highscalability.com/blog/2011/11/14/using-gossip-protocols-for-failure-detection-monitoring-mess.html)** - For failure detection and more.

7. **Chubby (http://static.googleusercontent.com/media/research.google.com/en/us/archive/chubby-osdi06.pdf)** - Lock service for loosely-coupled distributed systems

8. **ZooKeeper (https://www.usenix.org/legacy/event/usenix10/tech/full_papers/Hunt.pdf)** -

Wait-free coordination for Internet-scale systems

9. MapReduce (https://static.googleusercontent.com/media/research.google.com/en//archive/mapreduce-osdi04.pdf) - Simplified Data Processing on Large Clusters

10. Hadoop (http://storageconference.us/2010/Papers/MSST/Shvachko.pdf) - A Distributed File System

✔ Mark as Completed

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