



CSI3344 Distributed Systems

Seminar 6: SYNCHRONIZATION

Review Questions

1. Why a single global clock cannot be used to note the correct time for the events occurred in distributed systems?
2. Which two simple points on which the causal ordering is based?
3. What is the full expression of happened-before relation?
4. How do Lamport timestamps order events in distributed systems?
5. How do vector timestamps order events in distributed systems?
6. How do vector timestamps order events?
7. How to identify concurrent events using vector timestamps?
8. What are three types of distributed transactions?
9. What is ACID?
10. What is the major difference between nested and distributed transactions?