

Who Uses Multicast?

- A widely-used abstraction by almost all cloud systems
- Storage systems like Cassandra or a database
 - Replica servers for a key: Writes/reads to the key are multicast within the replica group
 - All servers: membership information (e.g., heartbeats) is multicast across all servers in cluster
- Online scoreboards (ESPN, French Open, FIFA World Cup)
 - Multicast to group of clients interested in the scores
- Stock Exchanges
 - Group is the set of broker computers
 - Groups of computers for High frequency Trading
- Air traffic control system
 - All controllers need to receive the same updates in the same order