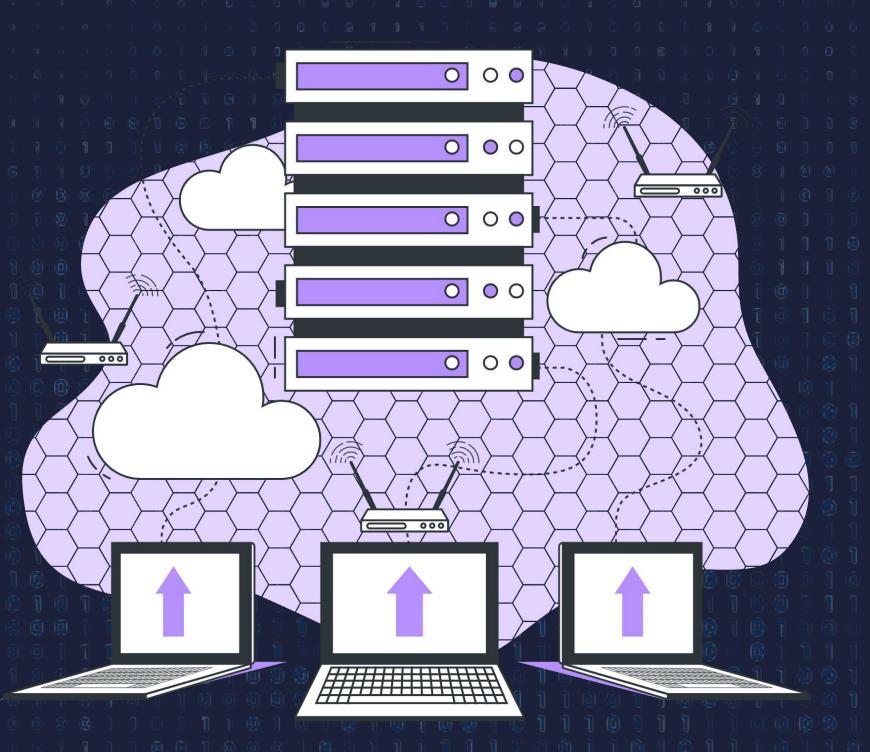


Distributed Systems -2





What led to the discovery of Distributed System?



- Monopoly of some specific firms (like Oracle) over the legacy database systems.
- Heavy license fees





What led to failure of Distributed system in the initial Skills phase?



Reasons for failure were identified as:

- Low cost commodity hardwares
- Network failure (highly probable event)





What was the fix offered for this?



• Identified solution was replication of data across multiple machines for seamless storage and computation as per requirement.





Problems with replication of data



Consistency issues
 Problem of stale data during the Δt time(till the changes propagate in the system).
 The system, though, becomes "eventually consistent"





THANS