

# What is common to all of these?

A group of servers attempting:

- Make sure that all of them receive the same updates in the same order as each other [Reliable Multicast]
- To keep their own local lists where they know about each other, and when anyone leaves or fails, everyone is updated simultaneously [Membership/Failure Detection]
- Elect a leader among them, and let everyone in the group know about it [Leader Election]
- To ensure mutually exclusive (one process at a time only) access to a critical resource like a file [Mutual Exclusion]