

2. Causal Ordering

- Multicasts whose send events are causally related, must be received in the same causality-obeying order at all receivers
- Formally
 - *If $\text{multicast}(g,m) \rightarrow \text{multicast}(g,m')$ then any correct process that delivers m' would already have delivered m .*
 - (\rightarrow is Lamport's happens-before)