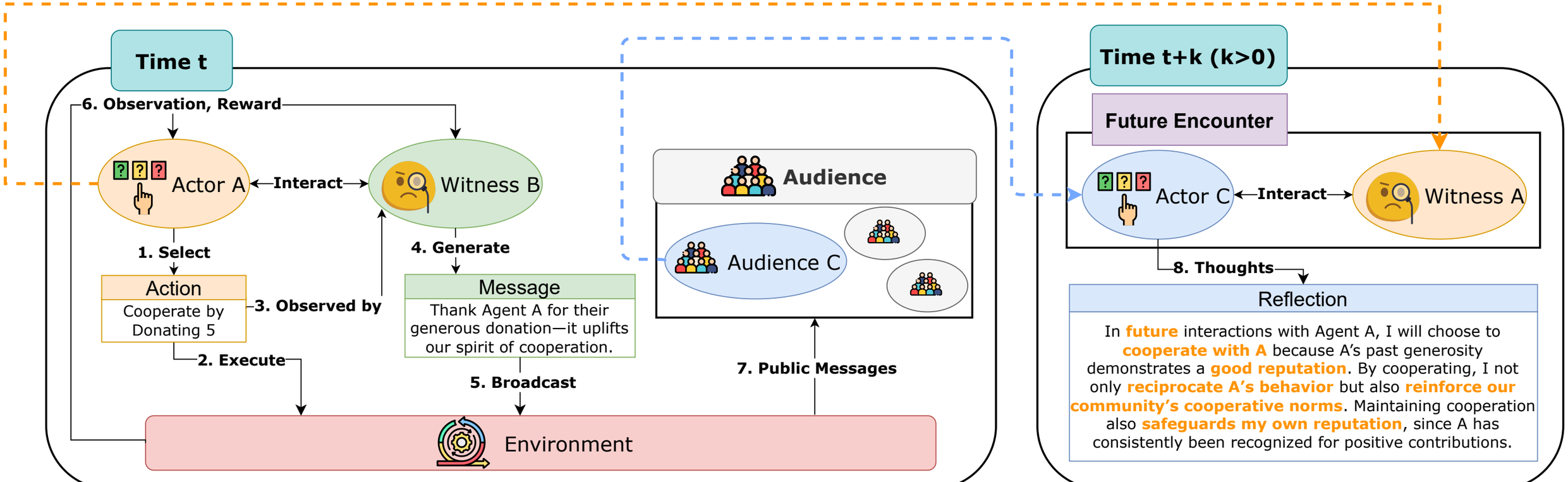
Time t
6. Observation, Reward
Actor A
Interact
Witness B
1. Select
Action
Cooperate by Donating 5
3. Observed by
4. Generate
Message
Thank Agent A for their generous donation—it uplifts our spirit of cooperation.
2. Execute
5. Broadcast
Environment
Audience
Audience C
7. Public Messages
Time t+k (k>0)
Future Encounter
Actor C
Interact
Witness A
8. Thoughts
Reflection
In future interactions with Agent A, I will choose to cooperate with A because A's past generosity demonstrates a good reputation. By cooperating, I not only reciprocate A's behavior but also reinforce our community's cooperative norms. Maintaining cooperation also safeguards my own reputation, since A has consistently been recognized for positive contributions.