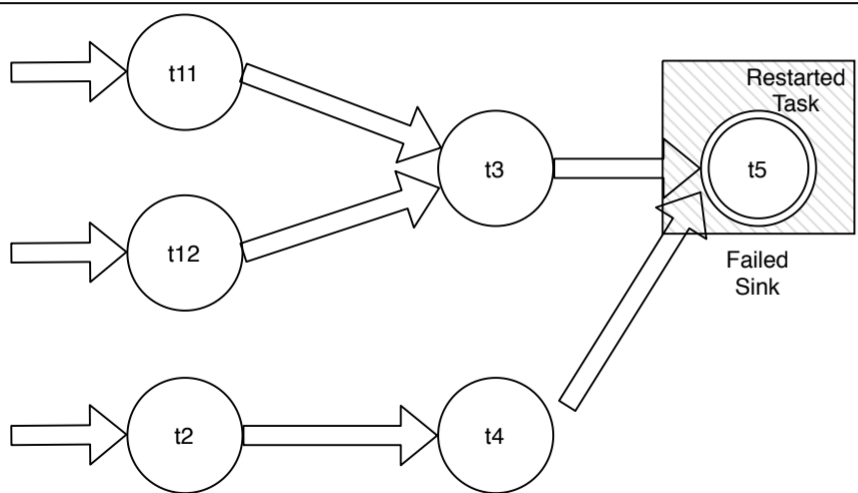


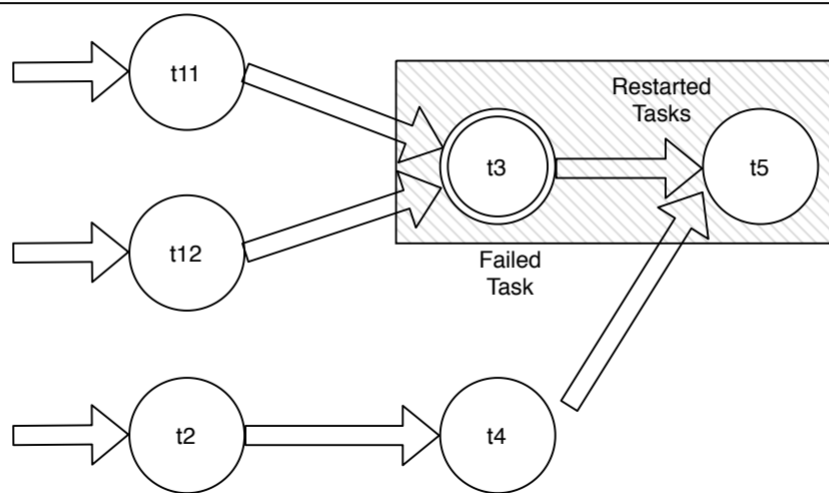
Milestone One: Sink Failure

For sink vertex failure, the sink restarts; For non-sink vertex failure, a regional failover strategy takes place



Milestone Two: Downstream Failure

For any task vertex failure, the entire downstream rooted from the failed task restarts



Milestone Three: Single Task Failure

For any task vertex failure, the failed task restarts

