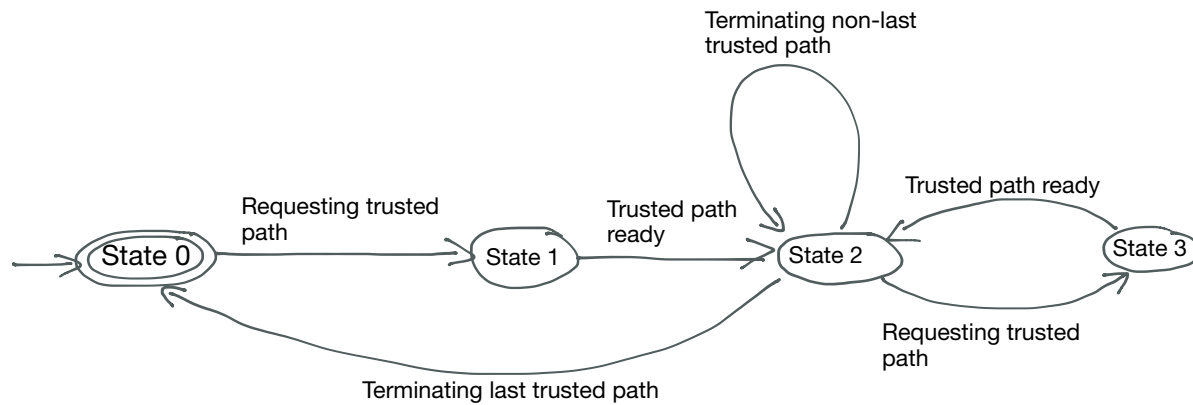


## **Shark Cage Service status management diagram**



### **Legend:**

- State 0:** No trusted-path environment is active
- State 1:** Preparation of first trusted-path environment in progress
- State 2:** One or more trusted-path environments are active
- State 3:** Preparation of second or next trusted path environment

**Edges:** outgoing edges represent the only messages accepted by Shark Cage Service in that state

All messages received in states 1 and 3 are postponed till the finish and then evaluated in state 2  
(Thus restricting the amount of parallelism and possible race-condition problems)

Note: some kind of data structure holding handles to all active TP environments must be implemented in Shark Cage Service