[MAPREDUCE-2995](https://www.google.com/url?q=https://issues.apache.org/jira/browse/MAPREDUCE-2995&sa=D&source=editors&ust=1751358336476027&usg=AOvVaw1ebpTyscB98k_rS6QtgrVV)

MR AM crashes when a container-launch hangs on a faulty NM

**(1)  Log information**

**(1.1) Roles in this case**

AM  NM   RM

**(1.2) Symptoms**

Description of this bug:  “AM tries to launch containers on a faulty node which blocks several/all of the StartContainer requests. Eventually, RM expires the container-allocations, informs the AM about container-expiry. But AM crashes with an INTERNAL\_ERROR as the event is unexpected.”

AM’s log is provided.

11/09/12 14:11:38 ERROR impl.TaskAttemptImpl: Can't handle this event at current state

org.apache.hadoop.yarn.state.InvalidStateTransitonException: Invalid event: TA\_CONTAINER\_COMPLETED at ASSIGNED

        at org.apache.hadoop.yarn.state.StateMachineFactory.doTransition(StateMachineFactory.java:297)

        at org.apache.hadoop.yarn.state.StateMachineFactory.access$300(StateMachineFactory.java:39)

        at org.apache.hadoop.yarn.state.StateMachineFactory$InternalStateMachine.doTransition(StateMachineFactory.java:439)

        at org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl.handle(TaskAttemptImpl.java:903)

        at org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl.handle(TaskAttemptImpl.java:127)

        at org.apache.hadoop.mapreduce.v2.app.MRAppMaster$TaskAttemptEventDispatcher.handle(MRAppMaster.java:543)

        at org.apache.hadoop.mapreduce.v2.app.MRAppMaster$TaskAttemptEventDispatcher.handle(MRAppMaster.java:536)

        at org.apache.hadoop.yarn.event.AsyncDispatcher.dispatch(AsyncDispatcher.java:113)

        at org.apache.hadoop.yarn.event.AsyncDispatcher$1.run(AsyncDispatcher.java:75)

        at java.lang.Thread.run(Thread.java:619)