[MAPREDUCE-4457](https://www.google.com/url?q=https://issues.apache.org/jira/browse/MAPREDUCE-4457&sa=D&source=editors&ust=1751358310965060&usg=AOvVaw20Ow7hMGz_TsxGuIyo9o6i)

mr job invalid transition TA\_TOO\_MANY\_FETCH\_FAILURE at FAILED

**(1)  Log information**

**(1.1) Roles in this case**

Description: we saw a job go into the ERROR state from an invalid state transition. It looks like we possibly got 2 TA\_TOO\_MANY\_FETCH\_FAILURE events. The first one moved it to FAILED and then the second one failed because no valid transition.

Logs in the description is as follows:

2012-07-16 08:49:53,600 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: attempt\_1342238829791\_2501\_m\_007743\_0 TaskAttempt Transitioned from SUCCEEDED to FAILED

2012-07-16 08:49:53,600 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: attempt\_1342238829791\_2501\_m\_008850\_0 TaskAttempt Transitioned from SUCCEEDED to FAILED

2012-07-16 08:49:53,600 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: attempt\_1342238829791\_2501\_m\_017344\_1000 TaskAttempt Transitioned from RUNNING to SUCCESS\_CONTAINER\_CLEANUP

2012-07-16 08:49:53,601 ERROR [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: Can't handle this event at current state for attempt\_1342238829791\_2501\_m\_000027\_0

org.apache.hadoop.yarn.state.InvalidStateTransitonException: Invalid event:

TA\_TOO\_MANY\_FETCH\_FAILURE at FAILED

at org.apache.hadoop.yarn.state.StateMachineFactory.doTransition(StateMachineFactory.java:301)

at org.apache.hadoop.yarn.state.StateMachineFactory.access$300(StateMachineFactory.java:43)

at org.apache.hadoop.yarn.state.StateMachineFactory$InternalStateMachine.doTransition(StateMachineFactory.java:443)

at org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl.handle(TaskAttemptImpl.java:954)

at org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl.handle(TaskAttemptImpl.java:133)

at org.apache.hadoop.mapreduce.v2.app.MRAppMaster$TaskAttemptEventDispatcher.handle(MRAppMaster.java:913)

at org.apache.hadoop.mapreduce.v2.app.MRAppMaster$TaskAttemptEventDispatcher.handle(MRAppMaster.java:905)

at org.apache.hadoop.yarn.event.AsyncDispatcher.dispatch(AsyncDispatcher.java:126)

at org.apache.hadoop.mapreduce.v2.app.recover.RecoveryService$RecoveryDispatcher.realDispatch(RecoveryService.java:285)

at org.apache.hadoop.mapreduce.v2.app.recover.RecoveryService$RecoveryDispatcher.dispatch(RecoveryService.java:281)

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

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

2012-07-16 08:49:53,601 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: attempt\_1342238829791\_2501\_m\_029091\_1000 TaskAttempt Transitioned from RUNNING to SUCCESS\_CONTAINER\_CLEANUP

2012-07-16 08:49:53,601 INFO [IPC Server handler 17 on 47153] org.apache.hadoop.mapred.TaskAttemptListenerImpl: Status update from attempt\_1342238829791\_2501\_r\_000461\_1000