[MAPREDUCE-3163](https://www.google.com/url?q=https://issues.apache.org/jira/browse/MAPREDUCE-3163&sa=D&source=editors&ust=1751358315315237&usg=AOvVaw0yguul0_XVcKPCCvt4WXm1)

JobClient spews errors when killing MR2 job

**(1)  Log information**

**(1.1) Roles in this case**

 JobClient (client-side)                    AM (server-side)      RM (server-side)

**(1.2) Symptoms**

(JobClient logs)

[todd@c0309 hadoop-trunk-home]$ ./bin/hadoop job -kill job\_1318301330793\_0001

DEPRECATED: Use of this script to execute mapred command is deprecated.

Instead use the mapred command for it.

WARNING: org.apache.hadoop.metrics.jvm.EventCounter is deprecated. Please use org.apache.hadoop.log.metrics.EventCounter in all the log4j.properties files.

11/10/10 20:26:28 WARN conf.Configuration: mapred.used.genericoptionsparser is deprecated. Instead, use mapreduce.client.genericoptionsparser.used

11/10/10 20:26:28 INFO ipc.YarnRPC: Creating YarnRPC for org.apache.hadoop.yarn.ipc.HadoopYarnProtoRPC

11/10/10 20:26:28 INFO mapred.ResourceMgrDelegate: Connecting to ResourceManager at c0309.hal.cloudera.com/172.29.81.91:40012

11/10/10 20:26:28 INFO ipc.HadoopYarnRPC: Creating a HadoopYarnProtoRpc proxy for protocol interface org.apache.hadoop.yarn.api.ClientRMProtocol

11/10/10 20:26:28 INFO mapred.ResourceMgrDelegate: Connected to ResourceManager at c0309.hal.cloudera.com/172.29.81.91:40012

11/10/10 20:26:28 INFO mapred.ClientCache: Connecting to HistoryServer at: c0309.hal.cloudera.com:10020

11/10/10 20:26:28 INFO ipc.YarnRPC: Creating YarnRPC for org.apache.hadoop.yarn.ipc.HadoopYarnProtoRPC

11/10/10 20:26:28 INFO mapred.ClientCache: Connected to HistoryServer at: c0309.hal.cloudera.com:10020

11/10/10 20:26:28 INFO ipc.HadoopYarnRPC: Creating a HadoopYarnProtoRpc proxy for protocol interface org.apache.hadoop.mapreduce.v2.api.MRClientProtocol

11/10/10 20:26:29 INFO mapred.ClientServiceDelegate: Tracking Url of JOB is c0312.hal.cloudera.com:38448                      We can get the details of job execution by accessing the job’s tracking URL

11/10/10 20:26:29 INFO mapred.ClientServiceDelegate: Connecting to c0312.hal.cloudera.com:44028

11/10/10 20:26:29 INFO ipc.YarnRPC: Creating YarnRPC for org.apache.hadoop.yarn.ipc.HadoopYarnProtoRPC

11/10/10 20:26:29 INFO ipc.HadoopYarnRPC: Creating a HadoopYarnProtoRpc proxy for protocol interface org.apache.hadoop.mapreduce.v2.api.MRClientProtocol

11/10/10 20:26:30 INFO mapred.ClientServiceDelegate: Failed to contact AM/History for job job\_1318301330793\_0001  Will retry..

java.lang.reflect.UndeclaredThrowableException

            at org.apache.hadoop.mapreduce.v2.api.impl.pb.client.MRClientProtocolPBClientImpl.getJobReport(MRClientProtocolPBClientImpl.java:111)

            at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

            at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:39)

            at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25)

            at java.lang.reflect.Method.invoke(Method.java:597)

            at org.apache.hadoop.mapred.**ClientServiceDelegate.invoke**(ClientServiceDelegate.java:266)       The patch acts on this method. “Failed to contact AM/History for job…” and the following exception were printed by this method.

            at org.apache.hadoop.mapred.ClientServiceDelegate.getJobStatus(ClientServiceDelegate.java:341)

            at org.apache.hadoop.mapred.YARNRunner.killJob(YARNRunner.java:465)

            at org.apache.hadoop.mapreduce.Job.killJob(Job.java:591)

            at org.apache.hadoop.mapreduce.tools.CLI.run(CLI.java:258)

            at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:69)

            at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:83)

            at org.apache.hadoop.mapred.JobClient.main(JobClient.java:1072)

**Caused by**: com.google.protobuf.***ServiceException***: java.io.IOException: Failed on local exception: java.io.EOFException; Host Details : local host is: "c0309.hal.cloudera.com/172.29.81.91"; destination host is: ""c0312.hal.cloudera.com":44028;

            at   org.apache.hadoop.yarn.ipc.ProtoOverHadoopRpcEngine$Invoker.invoke(ProtoOverHadoopRpcEngine.java:139)

            at $Proxy8.getJobReport(Unknown Source)

            at org.apache.hadoop.mapreduce.v2.api.impl.pb.client.MRClientProtocolPBClientImpl.getJobReport(MRClientProtocolPBClientImpl.java:104)

            ... 12 more

**Caused by**: java.io.***IOException***: Failed on local exception: java.io.EOFException; Host Details : local host is: "c0309.hal.cloudera.com/172.29.81.91"; destination host is: ""c0312.hal.cloudera.com":44028;

            at org.apache.hadoop.net.NetUtils.wrapException(NetUtils.java:619)

            at org.apache.hadoop.ipc.Client.call(Client.java:1089)

            at org.apache.hadoop.yarn.ipc.ProtoOverHadoopRpcEngine$Invoker.invoke(ProtoOverHadoopRpcEngine.java:136)

            ... 14 more

**Caused by**: java.io.***EOFException***  This exception is mainly used by data input streams to signal end of stream.

            at java.io.DataInputStream.readInt(DataInputStream.java:375)

            at org.apache.hadoop.ipc.Client$Connection.receiveResponse(Client.java:817)

            at org.apache.hadoop.ipc.Client$Connection.run(Client.java:755)

11/10/10 20:26:30 INFO mapred.ClientServiceDelegate: Application state is completed. **FinalApplicationStatus=UNDEFINED**. Redirecting to job history server