[Cassandra-5229](https://www.google.com/url?q=https://issues.apache.org/jira/browse/CASSANDRA-5229&sa=D&source=editors&ust=1751363455586681&usg=AOvVaw2Mpv1RJNX_VhmpUJhkxDsi)

After an IOException is thrown during streaming, streaming tasks hang in netstats

**(1)  Log information**

After an IOExcpetion, streaming tasks marked as "successful" in the logs are hung in netstats.

With TRACE debugging on streaming **on the receiving node** everything about the sstable in the log (not very much)

INFO [AntiEntropyStage:1] 2013-02-07 11:23:44,717 StreamOut.java (line 151) Stream context metadata [/data/cassandra/evidence/fingerprints/evidence-fingerprints-ib-5-Data.db sections=3068 progress=0/2785204713 - 0%, /data2/cassandra/evidence/fingerprints/evidence-fingerprints-ib-25-Data.db sections=2696 progress=0/758409465 - 0%, /data/cassandra/evidence/fingerprints/evidence-fingerprints-ib-60-Data.db sections=3099 progress=0/238876436 - 0%, /data2/cassandra/evidence/fingerprints/evidence-fingerprints-ib-63-Data.db sections=1166 progress=0/2125323 - 0%, /data2/cassandra/evidence/fingerprints/evidence-fingerprints-ib-38-Data.db sections=2507 progress=0/515992757 - 0%, /data2/cassandra/evidence/fingerprints/evidence-fingerprints-ib-26-Data.db sections=3153 progress=0/994857654 - 0%, /data2/cassandra/evidence/fingerprints/evidence-fingerprints-ib-57-Data.db sections=3116 progress=0/129398170 - 0%, /data2/cassandra/evidence/fingerprints/evidence-fingerprints-ib-58-Data.db sections=217 progress=0/72286 - 0%, /data/cassandra/evidence/fingerprints/evidence-fingerprints-ib-59-Data.db sections=3146 progress=0/3357709019 - 0%], 27 sstables.

 INFO [AntiEntropyStage:1] 2013-02-07 11:23:52,964 StreamOut.java (line 151) Stream context metadata [/data/cassandra/evidence/fingerprints/evidence-fingerprints-ib-5-Data.db sections=2930 progress=0/2799914560 - 0%, /data2/cassandra/evidence/fingerprints/evidence-fingerprints-ib-25-Data.db sections=2590 progress=0/761266059 - 0%, /data/cassandra/evidence/fingerprints/evidence-fingerprints-ib-60-Data.db sections=2956 progress=0/241362497 - 0%, /data2/cassandra/evidence/fingerprints/evidence-fingerprints-ib-63-Data.db sections=1153 progress=0/2125323 - 0%, /data2/cassandra/evidence/fingerprints/evidence-fingerprints-ib-38-Data.db sections=2422 progress=0/522126371 - 0%, /data2/cassandra/evidence/fingerprints/evidence-fingerprints-ib-26-Data.db sections=3004 progress=0/998401202 - 0%, /data2/cassandra/evidence/fingerprints/evidence-fingerprints-ib-57-Data.db sections=2974 progress=0/129722346 - 0%, /data2/cassandra/evidence/fingerprints/evidence-fingerprints-ib-58-Data.db sections=220 progress=0/72286 - 0%, /data/cassandra/evidence/fingerprints/evidence-fingerprints-ib-59-Data.db sections=2998 progress=0/3375554099 - 0%], 27 sstables.

**Node that is streaming out** thinks that the streaming session was successful

INFO [MiscStage:1] 2013-02-07 11:23:38,022 StreamOut.java (line 151) Stream context metadata [/data/cassandra/evidence/fingerprints/evidence-fingerprints-ia-472-Data.db sections=1727 progress=0/210208515 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-919-Data.db sections=1746 progress=0/119438030 - 0%, /data/cassandra/evidence/fingerprints/evidence-fingerprints-ib-920-Data.db sections=1681 progress=0/54498226 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-922-Data.db sections=16 progress=0/13490 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-918-Data.db sections=632 progress=0/70019542 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-921-Data.db sections=1644 progress=0/39870238 - 0%, /data/cassandra/evidence/fingerprints/evidence-fingerprints-ib-497-Data.db sections=1569 progress=0/208331077 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-923-Data.db sections=1572 progress=0/30870478 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-925-Data.db sections=167 progress=0/1845123 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-703-Data.db sections=1574 progress=0/287386471 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-913-Data.db sections=811 progress=0/103776521 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-915-Data.db sections=1539 progress=0/141864261 - 0%], 12 sstables.

 INFO [MiscStage:1] 2013-02-07 11:23:49,938 StreamOut.java (line 151) Stream context metadata [/var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-919-Data.db sections=3153 progress=0/994857654 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-918-Data.db sections=2507 progress=0/515992757 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-923-Data.db sections=3153 progress=0/131969347 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-703-Data.db sections=3068 progress=0/2784807967 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-913-Data.db sections=2696 progress=0/758409465 - 0%, /data/cassandra/evidence/fingerprints/evidence-fingerprints-ia-472-Data.db sections=3150 progress=0/1792868996 - 0%, /data/cassandra/evidence/fingerprints/evidence-fingerprints-ib-920-Data.db sections=3123 progress=0/240094510 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-929-Data.db sections=18 progress=0/29468 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-922-Data.db sections=217 progress=0/13490 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-921-Data.db sections=3124 progress=0/130320291 - 0%, /data/cassandra/evidence/fingerprints/evidence-fingerprints-ib-497-Data.db sections=3055 progress=0/1749539598 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-925-Data.db sections=1608 progress=0/13357410 - 0%, /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-915-Data.db sections=3096 progress=0/1241397203 - 0%], 13 sstables.

 INFO [Streaming to /10.8.25.132:2] 2013-02-07 11:24:18,780 StreamReplyVerbHandler.java (line 44) Successfully sent /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-919-Data.db to /10.8.25.132

**Node that is being streamed to** has nothing in the logs about this particular sstable

Streaming from: /10.8.30.13

evidence: /var/lib/cassandra/data2/evidence/fingerprints/evidence-fingerprints-ib-919-Data.db sections=3153 progress=218225400/994857654 - 21%

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Streaming from: /10.138.12.10

evidence: /data2/cassandra/evidence/fingerprints/evidence-fingerprints-ib-26-Data.db sections=3153 progress=218225400/994857654 - 21%

The IOException mentioned at the beginning is like this:

ERROR [Streaming to /10.8.25.114:4] 2013-02-09 11:02:09,992 CassandraDaemon.java (line 135) Exception in thread Thread[Streaming to /10.8.25.114:4,5,main]

java.lang.RuntimeException: java.io.IOException: Broken pipe

at com.google.common.base.Throwables.propagate(Throwables.java:160)

at org.apache.cassandra.utils.WrappedRunnable.run(WrappedRunnable.java:32)

at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1145)

at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:615)

at java.lang.Thread.run(Thread.java:722)

Caused by: java.io.IOException: Broken pipe

at sun.nio.ch.FileChannelImpl.transferTo0(Native Method)

at sun.nio.ch.FileChannelImpl.transferToDirectly(FileChannelImpl.java:420)

at sun.nio.ch.FileChannelImpl.transferTo(FileChannelImpl.java:552)

at org.apache.cassandra.streaming.compress.CompressedFileStreamTask.stream(CompressedFileStreamTask.java:90)

at org.apache.cassandra.streaming.FileStreamTask.runMayThrow(FileStreamTask.java:91)

at org.apache.cassandra.utils.WrappedRunnable.run(WrappedRunnable.java:28)

... 3 more