[Cassandra-2792](https://www.google.com/url?q=https://issues.apache.org/jira/browse/CASSANDRA-2792&sa=D&source=editors&ust=1751363610623361&usg=AOvVaw1XWOLxHWSpplOwizZqIy9L)

Bootstrapping node stalls. Bootstrapper thinks it is still streaming some sstables. The source nodes do not. Caused by IllegalStateException on source nodes.

**(1)  Log information**

The reporter is bootstrapping a node into a 4 node cluster with RF3 (1 node is currently down due to sstable issues, but the cluster is running without issues).

There are two keyspaces FightMyMonster and FMM\_Studio. The first keyspace successfully streams and the whole operation is probably at 99% when it stalls on some sstables in the much smaller FMM\_Studio keyspace.

Netstats on the bootstrapping node (192.168.1.9) reports it is still streaming:

Mode: Bootstrapping

Not sending any streams.

Streaming from: /192.168.1.4

FMM\_Studio: /var/opt/cassandra/data/FMM\_Studio/PartsData-f-101-Data.db sections=1 progress=0/76453 - 0%

FMM\_Studio: /var/opt/cassandra/data/FMM\_Studio/PartsData-f-103-Data.db sections=1 progress=0/90475 - 0%

FMM\_Studio: /var/opt/cassandra/data/FMM\_Studio/PartsData-f-102-Data.db sections=1 progress=0/4304182 - 0%

Streaming from: /192.168.1.3

FMM\_Studio: /var/opt/cassandra/data/FMM\_Studio/PartsData-f-158-Data.db sections=2 progress=0/146990 - 0%

FMM\_Studio: /var/opt/cassandra/data/FMM\_Studio/AuthorClasses-f-81-Data.db sections=1 progress=0/3992 - 0%

FMM\_Studio: /var/opt/cassandra/data/FMM\_Studio/Studio-f-70-Data.db sections=1 progress=0/1776 - 0%

FMM\_Studio: /var/opt/cassandra/data/FMM\_Studio/PartsData-f-159-Data.db sections=2 progress=0/136829 - 0%

FMM\_Studio: /var/opt/cassandra/data/FMM\_Studio/PartsData-f-157-Data.db sections=2 progress=0/5779597 - 0%

FMM\_Studio: /var/opt/cassandra/data/FMM\_Studio/AuthorClasses-f-82-Data.db sections=1 progress=0/161 - 0%

FMM\_Studio: /var/opt/cassandra/data/FMM\_Studio/Studio-f-71-Data.db sections=1 progress=0/135 - 0%

Pool Name Active Pending Completed

Commands n/a 0 334

Responses n/a 0 421957

However, running netstats on the source nodes reports they are not streaming:

Mode: Normal

Nothing streaming to /192.168.1.9

Not receiving any streams.

Pool Name Active Pending Completed

Commands n/a 0 1949476

Responses n/a 1 1778768

The logs on the source nodes show an IllegalStateException, which is likely to break the streaming process.

17 22:27:05,924 StreamOut.java (line 126) Beginning transfer to /192.168.1.9

INFO [StreamStage:1] 2011-06-17 22:27:05,925 StreamOut.java (line 100) Flushing memtables for FMM\_Studio...

INFO [StreamStage:1] 2011-06-17 22:27:06,004 StreamOut.java (line 173) Stream context metadata [/var/opt/cassandra/data/FMM\_Studio/Classes-f-107-Data.db sections=1 progress=0/1585378 - 0%, /var/opt/cas

sandra/data/FMM\_Studio/PartsData-f-100-Data.db sections=1 progress=0/76453 - 0%, /var/opt/cassandra/data/FMM\_Studio/PartsData-f-98-Data.db sections=1 progress=0/4309514 - 0%, /var/opt/cassandra/data/FMM

\_Studio/PartsData-f-99-Data.db sections=1 progress=0/90475 - 0%], 11 sstables.

INFO [StreamStage:1] 2011-06-17 22:27:06,005 StreamOutSession.java (line 174) Streaming to /192.168.1.9

INFO [StreamStage:1] 2011-06-17 22:27:06,006 StreamOut.java (line 126) Beginning transfer to /192.168.1.9

INFO [StreamStage:1] 2011-06-17 22:27:06,007 StreamOut.java (line 100) Flushing memtables for FightMyMonster...

INFO [StreamStage:1] 2011-06-17 22:27:06,007 ColumnFamilyStore.java (line 1065) Enqueuing flush of Memtable-MonsterMarket\_1@1054909557(338 bytes, 24 operations)

INFO [StreamStage:1] 2011-06-17 22:27:06,007 ColumnFamilyStore.java (line 1065) Enqueuing flush of Memtable-UserFights@239934867(1124836 bytes, 965 operations)

INFO [FlushWriter:409] 2011-06-17 22:27:06,007 Memtable.java (line 157) Writing Memtable-MonsterMarket\_1@1054909557(338 bytes, 24 operations)

INFO [StreamStage:1] 2011-06-17 22:27:06,007 ColumnFamilyStore.java (line 1065) Enqueuing flush of Memtable-Users\_CisIndex@1758504250(242 bytes, 8 operations)

INFO [StreamStage:1] 2011-06-17 22:27:06,008 ColumnFamilyStore.java (line 1065) Enqueuing flush of Memtable-Tribes@1510979736(18318 bytes, 703 operations)

INFO [StreamStage:1] 2011-06-17 22:27:06,008 ColumnFamilyStore.java (line 1065) Enqueuing flush of Memtable-ColumnViews\_TimeUUID@864545260(2073 bytes, 63 operations)

INFO [StreamStage:1] 2011-06-17 22:27:06,008 ColumnFamilyStore.java (line 1065) Enqueuing flush of Memtable-MonsterMarket\_0@537829218(2600 bytes, 129 operations)

INFO [FlushWriter:409] 2011-06-17 22:27:06,069 Memtable.java (line 172) Completed flushing /var/opt/cassandra/data/FightMyMonster/MonsterMarket\_1-f-3799-Data.db (1774 bytes)

INFO [FlushWriter:409] 2011-06-17 22:27:06,069 Memtable.java (line 157) Writing Memtable-UserFights@239934867(1124836 bytes, 965 operations)

INFO [StreamStage:1] 2011-06-17 22:27:06,070 ColumnFamilyStore.java (line 1065) Enqueuing flush of Memtable-UserSigninLog@1692186117(4043 bytes, 137 operations)

INFO [FlushWriter:409] 2011-06-17 22:27:06,161 Memtable.java (line 172) Completed flushing /var/opt/cassandra/data/FightMyMonster/UserFights-f-8192-Data.db (1179202 bytes)

INFO [FlushWriter:409] 2011-06-17 22:27:06,161 Memtable.java (line 157) Writing Memtable-Users\_CisIndex@1758504250(242 bytes, 8 operations)

INFO [CompactionExecutor:1] 2011-06-17 22:27:06,161 CompactionManager.java (line 395) Compacting [SSTableReader(path='/var/opt/cassandra/data/FightMyMonster/UserFights-f-8189-Data.db'),SSTableReader(pa

th='/var/opt/cassandra/data/FightMyMonster/UserFights-f-8190-Data.db'),SSTableReader(path='/var/opt/cassandra/data/FightMyMonster/UserFights-f-8191-Data.db'),SSTableReader(path='/var/opt/cassandra/data/

FightMyMonster/UserFights-f-8192-Data.db')]

INFO [StreamStage:1] 2011-06-17 22:27:06,162 ColumnFamilyStore.java (line 1065) Enqueuing flush of Memtable-TribeFights@321579649(138 bytes, 3 operations)

ERROR [MiscStage:1] 2011-06-17 22:27:06,168 AbstractCassandraDaemon.java (line 114) Fatal exception in thread Thread[MiscStage:1,5,main]

java.lang.IllegalStateException: target reports current file is /var/opt/cassandra/data/FMM\_Studio/Classes-f-107-Data.db but is null

at org.apache.cassandra.streaming.StreamOutSession.validateCurrentFile(StreamOutSession.java:166)

at org.apache.cassandra.streaming.StreamReplyVerbHandler.doVerb(StreamReplyVerbHandler.java:58)

at org.apache.cassandra.net.MessageDeliveryTask.run(MessageDeliveryTask.java:72)

at java.util.concurrent.ThreadPoolExecutor$Worker.runTask(ThreadPoolExecutor.java:886)

at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:908)

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