[Cassandra-2946](https://www.google.com/url?q=https://issues.apache.org/jira/browse/CASSANDRA-2946&sa=D&source=editors&ust=1751363608409957&usg=AOvVaw2H6iq0Cs49nHh7zRXfUB8f)

HintedHandoff fails with could not reach schema agreement

**(1)  Log information**

Two nodes A and B.

1. On node A, create a keyspace with replication factor 1 and add a column family

2. Ensure node B has created the keyspace and column family

3. Take down node B

4. Insert some keys to A at CL.ANY, ensuring some keys should be written to B

5. Bring up node B

When hints are delivered, get the following error:

ERROR [HintedHandoff:1] 2011-07-25 17:19:14,729 AbstractCassandraDaemon.java (line 139) Fatal exception in thread Thread[HintedHandoff:1,1,main]

java.lang.RuntimeException: java.lang.RuntimeException: Could not reach schema agreement with /10.2.129.9 in 60000ms

at org.apache.cassandra.utils.WrappedRunnable.run(WrappedRunnable.java:34)

at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1110)

at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:603)

at java.lang.Thread.run(Thread.java:636)

Caused by: java.lang.RuntimeException: Could not reach schema agreement with /10.2.129.9 in 60000ms

at org.apache.cassandra.db.HintedHandOffManager.waitForSchemaAgreement(HintedHandOffManager.java:290)

at org.apache.cassandra.db.HintedHandOffManager.deliverHintsToEndpoint(HintedHandOffManager.java:301)

at org.apache.cassandra.db.HintedHandOffManager.access$100(HintedHandOffManager.java:89)

at org.apache.cassandra.db.HintedHandOffManager$2.runMayThrow(HintedHandOffManager.java:394)

at org.apache.cassandra.utils.WrappedRunnable.run(WrappedRunnable.java:30)

... 3 more

However, from the client side, “describe cluster always shows agreement”. Selected log messages:

DEBUG [HintedHandoff:1] 2011-07-26 11:22:35,526 HintedHandOffManager.java (line 300) Checking remote schema before delivering hints

...

DEBUG [pool-2-thread-1] 2011-07-26 11:22:44,965 CassandraServer.java (line 1123) checking schema agreement

...

DEBUG [pool-2-thread-1] 2011-07-26 11:22:44,969 StorageProxy.java (line 823) Schemas are in agreement.

...

ERROR [HintedHandoff:1] 2011-07-26 11:23:36,788 AbstractCassandraDaemon.java (line 138) Fatal exception in thread Thread[HintedHandoff:1,1,main]

java.lang.RuntimeException: java.lang.RuntimeException: Could not reach schema agreement with /10.2.129.9 in 60000ms

So StorageProxy thinks the schema agrees but HintedHandoffManager doesn't.