[Cassandra-5254](https://www.google.com/url?q=https://issues.apache.org/jira/browse/CASSANDRA-5254&sa=D&source=editors&ust=1751363292052992&usg=AOvVaw01_ylHaezVsQZd988DzDVq)

Nodes can be marked up after gossip sends the goodbye command

**(1)  Log information**

**(1.1) Roles in this case**

node3   notifies its shutdown to  node1  and node2

**(1.2) Symptoms**

For convenience, I label the log in chronological order, leaving out the clock skew.

==> logs/last/node1.log <==

(1) INFO [FlushWriter:1] 2013-02-14 10:01:10,311 Memtable.java (line 305) Completed flushing /tmp/dtest-iaYzzR/test/node1/data/system/schema\_columns/system-schema\_columns-hf-2-Data.db (558 bytes) for commitlog position ReplayPosition(segmentId=1360857665931, position=4770)

(2) INFO [MemoryMeter:1] 2013-02-14 10:01:10,974 Memtable.java (line 213) CFS(Keyspace='ks', ColumnFamily='cf') liveRatio is 20.488836662749705 (just-counted was 20.488836662749705).  calculation took 96ms for 144 columns

(5) INFO [GossipStage:1] 2013-02-14 10:01:12,119 Gossiper.java (line 831) InetAddress /127.0.0.3 is now dead.

==> logs/last/node2.log <==

(5) INFO [GossipStage:1] 2013-02-14 10:01:12,119 Gossiper.java (line 831) InetAddress /127.0.0.3 is now dead.

(6) INFO [GossipStage:1] 2013-02-14 10:01:12,238 Gossiper.java (line 817) InetAddress /127.0.0.3 is now UP

(7) INFO [GossipTasks:1] 2013-02-14 10:01:26,386 Gossiper.java (line 831) InetAddress /127.0.0.3 is now dead.

==> logs/last/node3.log <==

(3) INFO [StorageServiceShutdownHook] 2013-02-14 10:01:11,115 Gossiper.java (line 1134) Announcing shutdown

(4) INFO [StorageServiceShutdownHook] 2013-02-14 10:01:12,118 MessagingService.java (line 549) Waiting for messaging service to quiesce

(5) INFO [ACCEPT-/127.0.0.3] 2013-02-14 10:01:12,119 MessagingService.java (line 705) MessagingService shutting down server thread.

From the log, we see that:

(3) node3 is announcing shutdown

(5) Both node1 and node2 receive the shutdown message from node3, and mark node3 dead.

(6) Some kind of signal still coming from node3 to node2, and node2 marks node3 up again.