[HBase-4729](https://www.google.com/url?q=https://issues.apache.org/jira/browse/HBASE-4729&sa=D&source=editors&ust=1751359851711185&usg=AOvVaw3qqyTcGhiwJfb0wJeFqqtH)

Clash between region unassign and splitting kills the master

**(1)  Log information**

**(1.1) Roles in this case**

HMaster tries to unassgin the region while  RegionServer is splitting the region

**(1.2) Symptoms**

Description: “I was running an online alter while regions were splitting, and suddenly the master died and left my table half-altered.”

What killed the master: (HMaster log)

2011-11-02 17:06:44,428 FATAL org.apache.hadoop.hbase.master.HMaster: Unexpected ZK exception creating node CLOSING

org.apache.zookeeper.KeeperException$NodeExistsException: KeeperErrorCode = NodeExists for /hbase/unassigned/f7e1783e65ea8d621a4bc96ad310f101

at org.apache.zookeeper.KeeperException.create(KeeperException.java:110)

at org.apache.zookeeper.KeeperException.create(KeeperException.java:42)

at org.apache.zookeeper.ZooKeeper.create(ZooKeeper.java:637)

at org.apache.hadoop.hbase.zookeeper.RecoverableZooKeeper.createNonSequential(RecoverableZooKeeper.java:459)

at org.apache.hadoop.hbase.zookeeper.RecoverableZooKeeper.create(RecoverableZooKeeper.java:441)

at org.apache.hadoop.hbase.zookeeper.ZKUtil.createAndWatch(ZKUtil.java:769)

at org.apache.hadoop.hbase.zookeeper.ZKAssign.createNodeClosing(ZKAssign.java:568)

at org.apache.hadoop.hbase.master.AssignmentManager.unassign(AssignmentManager.java:1722)

at org.apache.hadoop.hbase.master.AssignmentManager.unassign(AssignmentManager.java:1661)

at org.apache.hadoop.hbase.master.BulkReOpen$1.run(BulkReOpen.java:69)

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:662)

“A znode was created because the region server was splitting the region 4 seconds before:” (RS log)

2011-11-02 17:06:40,704 INFO org.apache.hadoop.hbase.regionserver.SplitTransaction: Starting split of region TestTable,0012469153,1320253135043.f7e1783e65ea8d621a4bc96ad310f101.

2011-11-02 17:06:40,704 DEBUG org.apache.hadoop.hbase.regionserver.SplitTransaction: regionserver:62023-0x132f043bbde0710 Creating ephemeral node for f7e1783e65ea8d621a4bc96ad310f101 in SPLITTING state

2011-11-02 17:06:40,751 DEBUG org.apache.hadoop.hbase.zookeeper.ZKAssign: regionserver:62023-0x132f043bbde0710 Attempting to transition node f7e1783e65ea8d621a4bc96ad310f101 from RS\_ZK\_REGION\_SPLITTING to RS\_ZK\_REGION\_SPLITTING

...

2011-11-02 17:06:44,061 DEBUG org.apache.hadoop.hbase.zookeeper.ZKAssign: regionserver:62023-0x132f043bbde0710 Successfully transitioned node f7e1783e65ea8d621a4bc96ad310f101 from RS\_ZK\_REGION\_SPLITTING to RS\_ZK\_REGION\_SPLIT

2011-11-02 17:06:44,061 INFO org.apache.hadoop.hbase.regionserver.SplitTransaction: Still waiting on the master to process the split for f7e1783e65ea8d621a4bc96ad310f101

“Now that the master is dead the region server is spewing those last two lines like mad.”