[HBase-9773](https://www.google.com/url?q=https://issues.apache.org/jira/browse/HBASE-9773&sa=D&source=editors&ust=1751363081474353&usg=AOvVaw3xWXGmCxOoBps9cmW0DH0K)

Master aborted when hbck asked the master to assign a region that was already online

**(1)  Log information**

**(1.1) Roles in this case**

Client (client-side)       HMaster (server-side)

HMaster(client-side)         sents CLOSE RPC to          HRegionServer (server-side)

(1.2) Symptoms

Running hbck command at the client side: hbck (HBaseFsck) is a tool for checking for region consistency and table integrity problems and repairing a corrupted HBase.

The sequence of events that happened:

1. The hbck tool couldn't communicate with the RegionServer hosting namespace region due to some security exceptions. hbck INCORRECTLY assumed the region was not deployed.

In output.log (client side):

2013-10-12 10:42:57,067|beaver.machine|INFO|ERROR: Region { meta => hbase:namespace,,1381564449706.a0ac0825ba2d0830614e7f808f31787a., hdfs => hdfs://gs-hdp2-secure-1381559462-hbase-12.cs1cloud.internal:8020/apps/hbase/data/data/hbase/namespace/a0ac0825ba2d0830614e7f808f31787a, deployed =>  } not deployed on any region server.

2013-10-12 10:42:57,067|beaver.machine|INFO|Trying to fix unassigned region...

2. This led to the hbck tool trying to tell the master to "assign" the region.

In HMaster log:

2013-10-12 10:52:35,960 INFO  [RpcServer.handler=4,port=60000] master.HMaster: Client=hbase//172.18.145.105 assign hbase:namespace,,1381564449706.a0ac0825ba2d0830614e7f808f31787a.

3. The HMaster went through the steps - sent a CLOSE to the RegionServer hosting namespace region. From HMaster log:

2013-10-12 10:52:35,981 DEBUG [RpcServer.handler=4,port=60000] master.AssignmentManager: Sent CLOSE to gs-hdp2-secure-1381559462-hbase-1.cs1cloud.internal,60020,1381564439794 for region hbase:namespace,,1381564449706.a0ac0825ba2d0830614e7f808f31787a.

4. The HMaster then tried to assign the namespace region to a RegionServer, and in the process ABORTED. From HMaster log:

2013-10-12 10:52:36,025 DEBUG [RpcServer.handler=4,port=60000] master.AssignmentManager: No previous transition plan found (or ignoring an existing plan) for hbase:namespace,,1381564449706.a0ac0825ba2d0830614e7f808f31787a.; generated random plan=hri=hbase:namespace,,1381564449706.a0ac0825ba2d0830614e7f808f31787a., src=, dest=gs-hdp2-secure-1381559462-hbase-9.cs1cloud.internal,60020,1381564439807; 4 (online=4, available=4) available servers, forceNewPlan=true

2013-10-12 10:52:36,026 FATAL [RpcServer.handler=4,port=60000] master.HMaster: Master server abort: loaded coprocessors are: [org.apache.hadoop.hbase.security.access.AccessController]

2013-10-12 10:52:36,027 FATAL [RpcServer.handler=4,port=60000] master.HMaster: Unexpected state : {a0ac0825ba2d0830614e7f808f31787a state=OPEN, ts=1381564451344, server=gs-hdp2-secure-1381559462-hbase-1.cs1cloud.internal,60020,1381564439794} .. Cannot transit it to OFFLINE.

java.lang.IllegalStateException: Unexpected state : {a0ac0825ba2d0830614e7f808f31787a state=OPEN, ts=1381564451344, server=gs-hdp2-secure-1381559462-hbase-1.cs1cloud.internal,60020,1381564439794} .. Cannot transit it to OFFLINE.