[HBase-10210](https://www.google.com/url?q=https://issues.apache.org/jira/browse/HBASE-10210&sa=D&source=editors&ust=1751363081488511&usg=AOvVaw0WWg0QU3TobP2q5xvH97aX)

during master startup, RS can be you-are-dead-ed by master in error

**(1)  Log information**

**(1.1) Roles in this case**

HMaster(master)        HRegionServer (slave)               ZooKeeper

**(1.2) Symptoms**

“It looks like RS information arriving from 2 sources - ZK and server itself, can conflict. Master doesn't handle such cases (timestamp match), and anyway technically timestamps can collide for two separate servers. So, master YouAreDead-s the already-recorded reporting RS, and adds it too. Then it discovers that the new server has died with fatal error!”

HMaster log during startup:

For convenience, we refer to the following region server as RS-3800, (1387451803800 is the startcode of this region server):

Registering server=h2-ubuntu12-sec-1387431063-hbase-8.cs1cloud.internal,60020,1387451803800

2013-12-19 11:16:45,290 INFO  [master:h2-ubuntu12-sec-1387431063-hbase-10:60000] master.ServerManager: Finished waiting for region servers count to settle; checked in 2, slept for 18262 ms, expecting minimum of 1, maximum of 2147483647, master is running.          During HMaster initialization, HMaster finishes waiting for RSs to check in.

2013-12-19 11:16:45,290 INFO  [master:h2-ubuntu12-sec-1387431063-hbase-10:60000] master.ServerManager: Registering server=h2-ubuntu12-sec-1387431063-hbase-8.cs1cloud.internal,60020,1387451803800             RS-3800 is registering to onlineServers list

2013-12-19 11:16:45,290 INFO  [master:h2-ubuntu12-sec-1387431063-hbase-10:60000] master.HMaster: Registered server found up in zk but who has not yet reported in: h2-ubuntu12-sec-1387431063-hbase-8.cs1cloud.internal,60020,1387451803800                HMaster found that RS-3800 has registered in zk but not reported to HMaster

2013-12-19 11:16:45,380 INFO  [RpcServer.handler=4,port=60000] master.ServerManager: Triggering server recovery; existingServer h2-ubuntu12-sec-1387431063-hbase-8.cs1cloud.internal,60020,1387451803800 looks stale, new server:h2-ubuntu12-sec-1387431063-hbase-8.cs1cloud.internal,60020,1387451803800                  RS-3800 notifies the HMaster’s server manager with its startup, which triggers the server recovery. The server recovery will expire the stale RS, and record the new RS

2013-12-19 11:16:45,380 INFO  [RpcServer.handler=4,port=60000] master.ServerManager: Master doesn't enable ServerShutdownHandler during initialization, delay expiring server h2-ubuntu12-sec-1387431063-hbase-8.cs1cloud.internal,60020,1387451803800

...

2013-12-19 11:16:46,925 ERROR [RpcServer.handler=7,port=60000] master.HMaster: Region server h2-ubuntu12-sec-1387431063-hbase-8.cs1cloud.internal,60020,1387451803800 reported a fatal error:

ABORTING region server h2-ubuntu12-sec-1387431063-hbase-8.cs1cloud.internal,60020,1387451803800: org.apache.hadoop.hbase.YouAreDeadException: Server REPORT rejected; currently processing h2-ubuntu12-sec-1387431063-hbase-8.cs1cloud.internal,60020,1387451803800 as dead server

HMaster finds that RS-3800 died because of YouAreDeadException.

It also indicates that there must be a FATAL in RS-3800’s log and makes RS-3800 abort.

When finishing the all assignment attempts for this terminated server, HMaster will select the other available servers to assign the ROOT region.