[HBase-3989](https://www.google.com/url?q=https://issues.apache.org/jira/browse/HBASE-3989&sa=D&source=editors&ust=1751359858090089&usg=AOvVaw0t_zHWE12YWF_47dZPlwo2)

Error occured while RegionServer report to Master "we are up" should get master address again

**(1)  Log information**

**(1.1) Roles in this case**

HRegionServer(client-side)   reports to    HMaster(server-side)

Standby HMaster   becomes the         Active HMaster

**(1.2) Symptoms**

“Consider the following scenario which is similar with my problem:

1. Due to some unclear reason, the report to master got error. And retrying several times, but also failed.

2. During this time, the standby master becomes the active one. So the endless loop is still running, and it won't success, for the master address has updated, but it didn't know. And won't know again.”

Here is the log:

2011-06-13 11:25:12,236 WARN org.apache.hadoop.hbase.regionserver.HRegionServer: error telling master we are up

java.net.ConnectException: Connection refused

at sun.nio.ch.SocketChannelImpl.checkConnect(Native Method)

at sun.nio.ch.SocketChannelImpl.finishConnect(SocketChannelImpl.java:574)

at org.apache.hadoop.net.SocketIOWithTimeout.connect(SocketIOWithTimeout.java:207)

at org.apache.hadoop.net.NetUtils.connect(NetUtils.java:419)

at org.apache.hadoop.hbase.ipc.HBaseClient$Connection.setupIOstreams(HBaseClient.java:328)

at org.apache.hadoop.hbase.ipc.HBaseClient.getConnection(HBaseClient.java:883)

at org.apache.hadoop.hbase.ipc.HBaseClient.call(HBaseClient.java:750)

at org.apache.hadoop.hbase.ipc.HBaseRPC$Invoker.invoke(HBaseRPC.java:257)

at $Proxy5.regionServerStartup(Unknown Source)

at org.apache.hadoop.hbase.regionserver.HRegionServer.reportForDuty(HRegionServer.java:1511)

at org.apache.hadoop.hbase.regionserver.HRegionServer.tryReportForDuty(HRegionServer.java:1479)

at org.apache.hadoop.hbase.regionserver.HRegionServer.run(HRegionServer.java:571)

at java.lang.Thread.run(Thread.java:662)

2011-06-13 11:25:15,231 INFO org.apache.hadoop.hbase.regionserver.HRegionServer: Telling master at 157-5-111-22:20000 that we are up

2011-06-13 11:25:15,232 WARN org.apache.hadoop.hbase.regionserver.HRegionServer: error telling master we are up

java.net.ConnectException: Connection refused

at sun.nio.ch.SocketChannelImpl.checkConnect(Native Method)

at sun.nio.ch.SocketChannelImpl.finishConnect(SocketChannelImpl.java:574)

at org.apache.hadoop.net.SocketIOWithTimeout.connect(SocketIOWithTimeout.java:207)

at org.apache.hadoop.net.NetUtils.connect(NetUtils.java:419)

at org.apache.hadoop.hbase.ipc.HBaseClient$Connection.setupIOstreams(HBaseClient.java:328)

at org.apache.hadoop.hbase.ipc.HBaseClient.getConnection(HBaseClient.java:883)

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at org.apache.hadoop.hbase.regionserver.HRegionServer.reportForDuty(HRegionServer.java:1511)

at org.apache.hadoop.hbase.regionserver.HRegionServer.tryReportForDuty(HRegionServer.java:1479)

at org.apache.hadoop.hbase.regionserver.HRegionServer.run(HRegionServer.java:571)

at java.lang.Thread.run(Thread.java:662)

2011-06-13 11:25:18,225 INFO org.apache.hadoop.hbase.regionserver.HRegionServer: Telling master at 157-5-111-22:20000 that we are up