[HBase-5927](https://www.google.com/url?q=https://issues.apache.org/jira/browse/HBASE-5927&sa=D&source=editors&ust=1751359854246148&usg=AOvVaw0544TToxTk-ON6qfcFwezc)

**SSH and DisableTableHandler happening together does not clear the znode of the region and RIT map.**

**(1)  Log information**

**(1.1) Roles in this case**

HMaster  keeps unassigning the region for a dead   RS

the table to which the region belongs is disabling by DisableTableHandler

**(1.2) Symptoms**

The following logs are from HMaster.

1) Kill one RegionServer, then ServerShutdownHandler in HMaster will deal with this dead RS:

2012-05-08 22:04:03,038 INFO  [MASTER\_SERVER\_OPERATIONS-Jieshan.china.huawei.com,57110,1336485831968-0] handler.ServerShutdownHandler(174): Splitting logs for Jieshan.china.huawei.com,57163,1336485834464

2) The DisableTableHandler in HMaster is disabling the regions of this table. It will call unassign() to close its regions. In unassign(), after calling sendRegionClose() to the corresponding RS which is holding the region, we get the ConnectException. Because the RS is killed.

2012-05-08 22:05:23,909 INFO  [Jieshan.china.huawei.com,57110,1336485831968-org.apache.hadoop.hbase.master.handler.DisableTableHandler$BulkDisabler-1] master.AssignmentManager(2066): Server jieshan.china.huawei.com,57138,1336485834409 returned java.net.ConnectException: Connection refused: no further information for fc6c3b7c6445127b63f617445aa5dfaf    **(region name/id)**

3) After a while, we find that HMaster falls into an end-less loop: TimeoutMonitor periodically finds that the region fc6c3b7c6445127b63f617445aa5dfaf has been PENDING\_CLOSE state for too long, then it tries to unassign this region, but “it is not currently assigned anywhere”.

2012-05-08 22:07:58,122 INFO  [Jieshan.china.huawei.com,57110,1336485831968.timeoutMonitor] master.AssignmentManager$TimeoutMonitor(2925): Region has been PENDING\_CLOSE for too long, running forced unassign again on region=testHBase5937,000,1336485845463.fc6c3b7c6445127b63f617445aa5dfaf.

2012-05-08 22:07:58,122 DEBUG [pool-8-thread-17] master.AssignmentManager(1936): Starting unassignment of region testHBase5937,000,1336485845463.fc6c3b7c6445127b63f617445aa5dfaf. (offlining)

2012-05-08 22:07:58,122 DEBUG [pool-8-thread-17] master.AssignmentManager(1942): Attempted to unassign region testHBase5937,000,1336485845463.fc6c3b7c6445127b63f617445aa5dfaf. but it is not currently assigned anywhere

2012-05-08 22:08:08,121 INFO  [Jieshan.china.huawei.com,57110,1336485831968.timeoutMonitor] master.AssignmentManager$TimeoutMonitor(2893): Regions in transition timed out:  testHBase5937,000,1336485845463.fc6c3b7c6445127b63f617445aa5dfaf. state=PENDING\_CLOSE, ts=1336485917495, server=null

2012-05-08 22:08:08,121 INFO  [Jieshan.china.huawei.com,57110,1336485831968.timeoutMonitor] master.AssignmentManager$TimeoutMonitor(2925): Region has been PENDING\_CLOSE for too long, running forced unassign again on region=testHBase5937,000,1336485845463.fc6c3b7c6445127b63f617445aa5dfaf.

2012-05-08 22:08:08,121 DEBUG [pool-8-thread-13] master.AssignmentManager(1936): Starting unassignment of region testHBase5937,000,1336485845463.fc6c3b7c6445127b63f617445aa5dfaf. (offlining)

2012-05-08 22:08:08,121 DEBUG [pool-8-thread-13] master.AssignmentManager(1942): Attempted to unassign region testHBase5937,000,1336485845463.fc6c3b7c6445127b63f617445aa5dfaf. but it is not currently assigned anywhere

2012-05-08 22:08:18,122 INFO  [Jieshan.china.huawei.com,57110,1336485831968.timeoutMonitor] master.AssignmentManager$TimeoutMonitor(2893): Regions in transition timed out:  testHBase5937,000,1336485845463.fc6c3b7c6445127b63f617445aa5dfaf. state=PENDING\_CLOSE, ts=1336485917495, server=null

2012-05-08 22:08:18,122 INFO  [Jieshan.china.huawei.com,57110,1336485831968.timeoutMonitor] master.AssignmentManager$TimeoutMonitor(2925): Region has been PENDING\_CLOSE for too long, running forced unassign again on region=testHBase5937,000,1336485845463.fc6c3b7c6445127b63f617445aa5dfaf.

2012-05-08 22:08:18,122 DEBUG [pool-8-thread-6] master.AssignmentManager(1936): Starting unassignment of region testHBase5937,000,1336485845463.fc6c3b7c6445127b63f617445aa5dfaf. (offlining)

2012-05-08 22:08:18,125 DEBUG [pool-8-thread-6] master.AssignmentManager(1942): Attempted to unassign region testHBase5937,000,1336485845463.fc6c3b7c6445127b63f617445aa5dfaf. but it is not currently assigned anywhere

...

The bug symptom is not error or exception, but the repeated logs printed by HMaster#TimeoutMonitor.

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