[ZooKeeper-1683](https://www.google.com/url?q=https://issues.apache.org/jira/browse/ZOOKEEPER-1683&sa=D&source=editors&ust=1751358800771610&usg=AOvVaw2A2h_We_DFjF9G-9ojXxbn)

ZooKeeper client NPE when updating server list on disconnected client

**(1)  Log information**

**(1.1) Roles in this case**

zk client   fails to set up socket with the target   zk server

**(1.2) Symptoms**

2013-04-04 22:16:15,872 ERROR [pool-4-thread-1] com.netflix.curator.ConnectionState.getZooKeeper (ConnectionState.java:84) - Background exception caught

java.lang.NullPointerException

at org.apache.zookeeper.client.StaticHostProvider.updateServerList(StaticHostProvider.java:161) ~[zookeeper-3.5.0.jar:3.5.0--1]

at org.apache.zookeeper.ZooKeeper.updateServerList(ZooKeeper.java:183) ~[zookeeper-3.5.0.jar:3.5.0--1]

at com.netflix.curator.HandleHolder$1$1.setConnectionString(HandleHolder.java:121) ~[curator-client-1.3.5-SNAPSHOT.jar:?]

2013-04-10 05:19:52,787 WARN [main-SendThread(localhost:2181)] org.apache.zookeeper.ClientCnxn$SendThread.run (ClientCnxn.java:1122

) - Session 0x0 for server null, unexpected error, closing socket connection and attempting reconnect

java.net.ConnectException: Connection refused

at sun.nio.ch.SocketChannelImpl.checkConnect(Native Method) ~[?:1.6.0\_24]

at sun.nio.ch.SocketChannelImpl.finishConnect(SocketChannelImpl.java:592) ~[?:1.6.0\_24]

at org.apache.zookeeper.ClientCnxnSocketNIO.doTransport(ClientCnxnSocketNIO.java:353) ~[zookeeper-3.5.0.jar:3.5.0--1]

at org.apache.zookeeper.ClientCnxn$SendThread.run(ClientCnxn.java:1101) [zookeeper-3.5.0.jar:3.5.0--1]

2013-04-10 05:19:52,788 DEBUG [main-SendThread(localhost:2181)] org.apache.zookeeper.ClientCnxnSocketNIO.cleanup (ClientCnxnSocketNI

O.java:193) - Ignoring exception during shutdown input

java.nio.channels.ClosedChannelException

at sun.nio.ch.SocketChannelImpl.shutdownInput(SocketChannelImpl.java:656) ~[?:1.6.0\_24]

at sun.nio.ch.SocketAdaptor.shutdownInput(SocketAdaptor.java:378) ~[?:1.6.0\_24]

at org.apache.zookeeper.ClientCnxnSocketNIO.cleanup(ClientCnxnSocketNIO.java:190) [zookeeper-3.5.0.jar:3.5.0--1]

at org.apache.zookeeper.ClientCnxn$SendThread.cleanup(ClientCnxn.java:1190) [zookeeper-3.5.0.jar:3.5.0--1]

at org.apache.zookeeper.ClientCnxn$SendThread.run(ClientCnxn.java:1130) [zookeeper-3.5.0.jar:3.5.0--1]

2013-04-10 05:19:52,789 DEBUG [main-SendThread(localhost:2181)] org.apache.zookeeper.ClientCnxnSocketNIO.cleanup (ClientCnxnSocketNI

O.java:200) - Ignoring exception during shutdown output

java.nio.channels.ClosedChannelException

at sun.nio.ch.SocketChannelImpl.shutdownOutput(SocketChannelImpl.java:667) ~[?:1.6.0\_24]

at sun.nio.ch.SocketAdaptor.shutdownOutput(SocketAdaptor.java:386) ~[?:1.6.0\_24]

at org.apache.zookeeper.ClientCnxnSocketNIO.cleanup(ClientCnxnSocketNIO.java:197) [zookeeper-3.5.0.jar:3.5.0--1]

at org.apache.zookeeper.ClientCnxn$SendThread.cleanup(ClientCnxn.java:1190) [zookeeper-3.5.0.jar:3.5.0--1]

at org.apache.zookeeper.ClientCnxn$SendThread.run(ClientCnxn.java:1130) [zookeeper-3.5.0.jar:3.5.0--1]