[ZooKeeper-1576](https://www.google.com/url?q=https://issues.apache.org/jira/browse/ZOOKEEPER-1576&sa=D&source=editors&ust=1751358796517297&usg=AOvVaw3QpjwfW3PyMS_6L59rGxio)

Zookeeper cluster - failed to connect to cluster if one of the provided IPs causes java.net.UnknownHostException

**(1)  Log information**

**(1.1) Roles in this case**

ZKClient  connects to the  ZK cluster (zookeeper servers)

**(1.2) Symptoms**

“Using a cluster of three 3.4.3 zookeeper servers.

All the servers are up, but on the client machine, the firewall is blocking one of the servers.

The following exception is happening, and the client is not connected to any of the other cluster members.”

Nov 02, 2012 9:54:32 PM com.netflix.curator.framework.imps.CuratorFrameworkImpl logError SEVERE: Background exception was not retry-able or retry gave up

java.net.UnknownHostException: scnrmq003.myworkday.com

at java.net.Inet4AddressImpl.lookupAllHostAddr(Native Method)

at java.net.InetAddress$1.lookupAllHostAddr(Unknown Source)

at java.net.InetAddress.getAddressesFromNameService(Unknown Source)

at java.net.InetAddress.getAllByName0(Unknown Source)

at java.net.InetAddress.getAllByName(Unknown Source)

at java.net.InetAddress.getAllByName(Unknown Source)

at org.apache.zookeeper.client.StaticHostProvider.<init>(StaticHostProvider.java:60)

at org.apache.zookeeper.ZooKeeper.<init>(ZooKeeper.java:440)

at org.apache.zookeeper.ZooKeeper.<init>(ZooKeeper.java:375)