

在CCO的MongoDB “连接被计时的”错误

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简介

本文描述如何排除故障，如果最终获得“连接在CloudCenter管弦乐队(CCO)的被计时的”错误。

问题

在您配置CCO的后MongoDB，发生故障可能的，当不能适当地连接MongoDB时。此问题能出现由于许多要素，然而，提及了方案是由IPTABLES阻塞的端口。

要诊断问题，查找日志文件和检查错误的实际原因总是可行的。此处错误导致由于连接超时。

```
2017-05-25 17:35:53,340 ERROR context.ContextLoader [localhost-startStop-1] - Context
initialization failed
com.mongodb.MongoTimeoutException: Timed out after 30000 ms while waiting for a server that
matches ReadPreferenceServerSelector{readPreference=primary}. Client view of cluster state is
{type=UNKNOWN, servers=[{address=localhost:27017, type=UNKNOWN, state=CONNECTING,
exception={com.mongodb.MongoSocketOpenException: Exception opening socket}, caused by
{java.net.ConnectException: Connection refused (Connection refused)}}]
    at com.mongodb.connection.BaseCluster.createTimeoutException(BaseCluster.java:369)
    at com.mongodb.connection.BaseCluster.selectServer(BaseCluster.java:101)
    at
com.mongodb.binding.ClusterBinding$ClusterBindingConnectionSource.<init>(ClusterBinding.java:75)
    at
com.mongodb.binding.ClusterBinding$ClusterBindingConnectionSource.<init>(ClusterBinding.java:71)
    at com.mongodb.binding.ClusterBinding.getReadConnectionSource(ClusterBinding.java:63)
    at com.mongodb.operation.OperationHelper.withConnection(OperationHelper.java:210)
    at com.mongodb.operation.FindOperation.execute(FindOperation.java:480)
    at com.mongodb.operation.FindOperation.execute(FindOperation.java:77)
    at com.mongodb.Mongo.execute(Mongo.java:773)
    at com.mongodb.Mongo$2.execute(Mongo.java:760)
    at com.mongodb.DBCursor.initializeCursor(DBCursor.java:851)
    at com.mongodb.DBCursor.hasNext(DBCursor.java:152)
    at com.hazelcast.spring.mongodb.MongoMapStore.loadAllKeys(MongoMapStore.java:142)
    at com.hazelcast.spring.mongodb.MongoMapStore.loadAllKeys(MongoMapStore.java:47)
    at com.hazelcast.map.impl.MapStoreWrapper.loadAllKeys(MapStoreWrapper.java:119)
    at
com.hazelcast.map.impl.mapstore.BasicMapStoreContext.loadAllKeys(BasicMapStoreContext.java:179)
    at com.hazelcast.map.impl.MapKeyLoader.sendKeysInBatches(MapKeyLoader.java:249)
    at com.hazelcast.map.impl.MapKeyLoader.access$200(MapKeyLoader.java:65)
    at com.hazelcast.map.impl.MapKeyLoader$1.call(MapKeyLoader.java:152)
    at com.hazelcast.map.impl.MapKeyLoader$1.call(MapKeyLoader.java:149)
    at java.util.concurrent.FutureTask.run(FutureTask.java:266)
    at com.hazelcast.util.executor.CompletableFutureTask.run(CompletableFutureTask.java:57)
    at
com.hazelcast.util.executor.CachedExecutorServiceDelegate$Worker.run(CachedExecutorServiceDelega
te.java:209)
    at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
```

```
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
at java.lang.Thread.run(Thread.java:748)
at
com.hazelcast.util.executor.HazelcastManagedThread.executeRun(HazelcastManagedThread.java:76)
at com.hazelcast.util.executor.HazelcastManagedThread.run(HazelcastManagedThread.java:92)
```

应用程序版本

CloudCenter 4.6.x/4.7.x/4.8.0

[解决方案](#)

添加MongoDB的一例外在IPTABLES并且执行此命令：

```
# iptables -A INPUT -ptcp --dport 27017 -j ACCEPT
```

然后请重新启动MongoDB服务和重新启动Tomcat服务：

```
# /etc/init.d/mongod restart
```

```
# /etc/init.d/tomcat restart
```