



# UIS前台点击虚拟机主机页签报“未知错误”

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## 问题描述

UIS前台点击虚拟机主机页签报“未知错误”



## 过程分析

### 1、查看cas.log

```
casserver.log standardServer_Bootstrap.log
root@cvknode1:/var/lib/casserver/logs# vi casserver.log
2021-11-06 12:48:01 [ERROR] [pool-7-thread-27] [com.h3c.cas.server.cas.collection.dao.fra] Update domain basic data (domain id is 10) get a exception.
com.mongodb.MongoTimeoutException: Timed out after 30000 ms while waiting for a server that matches WritableServerSelector.
Client view of cluster state is {type=UNKNOWN, servers=[{address=127.0.0.1:27017, 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:375) ~[mongodb-driver-core-3.5.0.jar:3.5.0]
    at com.mongodb.connection.BaseCluster.selectServer(BaseCluster.java:104) ~[mongodb-driver-core-3.5.0.jar:3.5.0]
    at com.mongodb.binding.ClusterBinding$ClusterBindingConnectionSource.<init>(ClusterBinding.java:75) ~[mongodb-driver-core-3.5.0.jar:3.5.0]
```

### 2、df -h

```
root@cvknode1:/var/lib/casserver/logs# df -ih
Filesystem      Inodes  IUsed  IFree  IUse% Mounted on
/dev/sdal       3.0M    91K    2.9M    4% /
udev            16M    655    16M    1% /dev
tmpfs           16M    623    16M    1% /run
none            16M     6     16M    1% /run/lock
none            16M     4     16M    1% /run/shm
cgrou           16M     12    16M    1% /sys/fs/cgroup
/dev/sda7       14M    118    14M    1% /vms
/dev/sda5       1.2M   633    1.2M    1% /var/log
/dev/dm-0       5.0M   2.9M   2.2M   58% /vms/vv_lun1
root@cvknode1:/var/lib/casserver/logs# df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/sdal       46G   11G   34G   24% /
udev            63G   12K   63G   1% /dev
tmpfs           26G   552K  26G   1% /run
none            5.0M    0   5.0M   0% /run/lock
none            63G   96K   63G   1% /run/shm
cgrou           63G    0   63G   0% /sys/fs/cgroup
/dev/sda7      206G   42G  154G   22% /vms
/dev/sda5      19G   578M  17G    4% /var/log
/dev/dm-0     5.0T   2.9T  2.2T   58% /vms/vv_lun1
```

### 3、mongod服务未运行

```
root@cvknode1:/var/log/cas_ha# service mongod status
mongod stop/waiting
```

### 4、手动拉起失败，需修复mongodb数据库

```
root@cvknode1:/var/log/cas_ha# service mongod restart
stop: Unknown instance:
mongod stop/pre-start, process 91931
root@cvknode1:/var/log/cas_ha# service mongod status
mongod stop/waiting
root@cvknode1:/var/log/cas_ha# service mongod status
mongod stop/waiting
root@cvknode1:/var/log/cas_ha# service mongod status
mongod stop/waiting
```

## 解决方法

### 1、备份cvm节点性能数据

```
root@cvknode1:~# ls
root@cvknode1:~# mkdir /vms/mongoback
root@cvknode1:~# mv /var/lib/mongodb/data/db/ /vm
vmlinuz vms/
root@cvknode1:~# mv /var/lib/mongodb/data/db/ /vm
vmlinuz vms/
root@cvknode1:~# mv /var/lib/mongodb/data/db/ /vms/mongoback/
root@cvknode1:~#
```

### 2、拷贝其他节点性能数据

```
root@cvknode3:/var/lib/mongodb/data/db# scp -r /var/lib/mongodb/data/db root@cvknode1:/var/lib/mongodb/data/
collection-5--4472006248428645333.wt          100% 16KB 16.0KB/s 00:00
index-4--4472006248428645333.wt             100% 16KB 16.0KB/s 00:00
collection-2--4472006248428645333.wt        100% 16KB 16.0KB/s 00:00
index-6--4472006248428645333.wt             100% 16KB 16.0KB/s 00:00
index-3--4472006248428645333.wt             100% 16KB 16.0KB/s 00:00
WiredTiger.turtle                             100% 1001 1.0KB/s 00:00
metrics.2021-10-25T18-15-01Z-00000          100% 10MB 10.0MB/s 00:00
```

### 3、修复mongodb数据库

```
root@cvknode1:~# sudo mongo /var/lib/mongodb/mongod.conf --repair
mongo mongod
root@cvknode1:~# sudo mongod -f /var/lib/mongodb/mongod.conf --repair
about to fork child process, waiting until server is ready for connections.
forked process: 100594
child process started successfully, parent exiting
root@cvknode1:~# /usr/bin/mongod --config /var/lib/mongodb/mongod.conf
about to fork child process, waiting until server is ready for connections.
forked process: 100996
child process started successfully, parent exiting
root@cvknode1:~#
```

### 4、重启mongod服务，前台恢复正常

```
root@cvknode1:~# service mongod restart
stop: Unknown instance:
mongod stop/pre-start, process 101653
root@cvknode1:~# service mongod status
mongod stop/waiting
root@cvknode1:~# ps -aux | grep mongo
Warning: bad ps syntax, perhaps a bogus '-'? See http://procps.sf.net/faq.html
root   100996  1.3  0.0 1079108 62220 ?        S1   11:55   0:00 /usr/bin/mongod --config /var/lib/mongodb/mongod.conf
root   103722  0.0  0.0  8156  2164 pts/7    S+   11:55   0:00 grep --color=auto mongo
```

