

知 cvk主机下的虚拟机操作卡顿，偶尔会有蓝色状态出现

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组网及说明

CAS5.0

#### 问题描述

现场一台cvk下的虚拟机点击查看详情需要很久才可以显示出来，其他cvk正常

## 过程分析

### 1、查看syslog，报错如下：

```
Dec 25 09:00:00 AIOV-CW-14 kernel: [40404904.976172] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40405273.666527] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40405642.236767] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40406010.987020] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40406379.497385] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40406748.127607] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40407116.757971] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40407485.380211] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40407854.010490] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40408222.640760] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40408591.278980] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40408959.909371] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40409328.539619] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40409697.169850] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40409965.800957] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40409934.430371] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40409803.060641] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40409677.169850] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40409540.225179] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40409410.951532] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40409276.226503] cas_xm15304: default at 0 ip 00000000002624 up 0000707f0d0800 error 6 in cas_xm1[400000+55000]
Dec 25 09:00:00 AIOV-CW-14 kernel: [40409277.580119] chbk: chbk_store_hb_check 2764: store scutech 57.55.0.27 heartbeat check failed
Dec 25 09:00:00 AIOV-CW-14 kernel: [40409277.580119] [02b0-C0430413C...]:o2hb_thread: do disk heartbeat used 55 msecs on device(de-), ret = 0.
```

### 2、通过执行ocfs2\_kernel\_stat\_collect.sh脚本，查看在/var/log下生成的以主机名称命名的日志文件，异常的进程为mount.nfs

```
===== find hung_up process =====
#4242 0 mount.nfs Fri Dec 25 10:10:13 2020 -
===== get stack of 64240 =====
/bin/mount.nfs:57.55.0.27:/var/lib/backup3/storedump/data/backupup/nfsStorage@/nfs/scutech 57.55.0.27 @-o rw,soft,timeo=50,retrans=10,retry=10,rsz=1048576,wsz=1048576
[ffffffffffc059d47e>] rpc_wait_bit_killable+0x1e/0x60 [sunrpc]
[ffffffffffc059d47e>] rpc_execute+0x20/0x20 [sunrpc]
[ffffffffffc059d47e>] rpc_run_task+0x7/0x120 [sunrpc]
[ffffffffffc059d47e>] rpc_call_sync+0x50/0x60 [sunrpc]
[ffffffffffc059d47e>] rpc_ping+0x7/0x60 [sunrpc]
[ffffffffffc059d47e>] rpc_create_xprt+0x125/0x140 [sunrpc]
[ffffffffffc059d47e>] rpc_create+0x9e/0x1c0 [sunrpc]
[ffffffffffc059d47e>] nfs_create_rpc_client+0x114/0x160 [nfs]
[ffffffffffc059d47e>] nfs4_init_client+0x168/0x270 [nfs4]
[ffffffffffc059d47e>] nfs4_set_client+0x9d/0x9d [nfs4]
[ffffffffffc059d47e>] nfs4_create_server+0x5f/0x50 [nfs4]
[ffffffffffc059d47e>] nfs4_reboot_mount+0x28/0x50 [nfs4]
[ffffffffffc059d47e>] mount_fs+0x35/0x150
[ffffffffffc059d47e>] vfs_kern_mount.part.23+0x54/0x100
[ffffffffffc059d47e>] nfs_do_root_mount+0x7f/0xd0 [nfs4]
[ffffffffffc059d47e>] nfs4_try_mount+0x3f/0xd0 [nfs4]
[ffffffffffc059d47e>] nfs_fs_mount+0x8b/0xd40 [nfs]
[ffffffffffc059d47e>] mount_fs+0x35/0x150
[ffffffffffc059d47e>] vfs_kern_mount.part.23+0x54/0x100
[ffffffffffc059d47e>] do_mount+0x6d/0x270
[ffffffffffc059d47e>] sys_mount+0x80/0xd0
[ffffffffffc059d47e>] do_syscall_64+0x6/0x120
```

### 3、询问现场现场57.55.0.27这台nfs服务器被搬走，但是没有从cas上卸载，查看前台主机该nfs存储状态不活动，后台已经没有该存储的mount信息了。

#### 解决方法

- 1、尝试从前台删除该nfs存储，如果后台nfs存储还被mount的话，需要执行mount -l /vms/XXX (XXX为nfs存储的挂载路径)。如果删除不掉需要重启主机恢复。
- 2、在移除存储之前需要将存储池从cas前台暂停并删除，不然会导致cvk后台有进程hang住。

