

组网及说明

无

问题描述

E0306H02版本之前爱数备份会出现虚拟机死机现象。

过程分析

出问题时，虚拟机卡死有如下堆栈：

`gdb kvm`

`attach 7697(虚拟机pid)`

`bt`

Thread 1 (Thread 0x7f46d8c31900 (LWP 7697)):

#0 0x00007f46d4ac3a63 in `ppoll ()` from `/lib/x86_64-linux-gnu/libc.so.6`

#1 0x000055c03003c9d6 in `qemu_poll_ns (fds=0x55c03444a6e0, nfd=9, timeout=-1)` at `qemu-timer.c:314`

#2 0x000055c03003dccb in `aio_poll (ctx=0x55c0324f3000, blocking=true)` at `aio-posix.c:250`

#3 0x000055c030030387 in `bdrv_drain_all ()` at `block.c:1924`

#4 0x000055c03002ffbe in `bdrv_close (bs=0x55c0344548b0)` at `block.c:1820`

#5 0x000055c030030ed4 in `bdrv_delete (bs=0x55c0344548b0)` at `block.c:2094`

#6 0x000055c030038fe5 in `bdrv_unref (bs=0x55c0344548b0)` at `block.c:5479`

#7 0x000055c0300324f1 in `bdrv_drop_intermediate (active=0x55c03251c270, top=0x55c0344548b0, base=0x55c032523830, backing_file_str=0x55c032523880 "/vms/5T/DLT_win2008_20170419_base_1")` at `block.c:2726`

#8 0x000055c02fe5af2c in `commit_run (opaque=0x55c034404ac0)` at `block/commit.c:145`

#9 0x000055c030047e63 in `coroutine_trampoline (i0=-2147472832, i1=32582)` at `coroutine-ucontext.c:118`

#10 0x00007f46d4a24200 in `?? ()` from `/lib/x86_64-linux-gnu/libc.so.6`

#11 0x00007f468f7fce00 in `?? ()`

#12 0x0000000000000000 in `?? ()`

`detach`

`q`

在爱数备份的合并快照过程中，commit结束之后需要删除爱数流程中的三级镜像，删除的时候挂在上面对应的堆栈。

解决方法

首先找到挂住的合并快照任务进程

```
root@cvknode01:/vms/5T# ps -ef |grep DLT_win2008_20170419
```

```
root 1607 11848 0 Apr30 ? 00:00:11 virsh blockcommit --domain DLT_win2008_20170419 --  
path hdb --base /vms/5T/DLT_win2008_20170419_base_1 --top  
/vms/5T/DLT_win2008_20170419.1493456606976_1_620 --wait
```

将该进程kill掉，前台合并快照任务就会失败而结束。

```
root@cvknode01:/vms/5T# kill -9 1607
```

然后将虚拟机的qemu进程kill掉，因为其已经挂死在这里，无法通过关机操作关闭。

```
root@cvknode01:/vms/5T# ps -ef |grep DLT_win2008_20170419
```

```
root 7697 1 42 Apr26 ? 2-14:28:59 /usr/bin/kvm -name DLT_win2008_20170419 -S -  
machine pc-i440fx-2.1,accel=kvm,usb=off,system=windows -cpu  
qemu64,hv_time,hv_relaxed,hv_spinlocks=0x2000 -m 65536,slots=10,maxmem=33554432M -smp 2  
4,maxcpus=156,sockets=13,cores=12,threads=1 -numa node,nodeid=0,cpus=0-23,mem=65536 -ui  
d aca2c0f3-9e81-4b7b-956b-eea341448979 -no-user-config -nodefaults -chardev socket,id=charmoni  
tor,path=/run/lib/libvirt/qemu/DLT_win2008_20170419.monitor,server,nowait -mon  
chardev=charmonitor,id=monitor,mode=control -rtc base=localtime,clock=vm,drieffix=slew -no-hpet -n  
o-shutdown -global PIIX4_PM.disable_s3=1 -global PIIX4_PM.disable_s4=1 -device piix3-usb-uhci,id  
=usb,bus=pci.0,addr=0x1.0x2 -device usb-ehci,id=ehci,bus=pci.0,addr=0x4 -device nec-usb-xhci,id=x  
hci,bus=pci.0,addr=0x5 -device lsi,id=scsi0,bus=pci.0,addr=0xb -device virtio-scsi-pci,id=scsi1,bus=p  
ci.0,addr=0x6 -device virtio-scsi-pci,id=scsi2,bus=pci.0,addr=0xa -device virtio-serial-pci,id=virtio-seri  
al0,bus=pci.0,addr=0x7 -drive if=none,id=drive-ide0-0-0,readonly=on,format=raw -device ide-cd,bus=
```

```
ide.0,unit=0,drive=drive-ide0-0-0,id=ide0-0-0,bootindex=2 -drive
file=/vms/5T/DLT_win2008_20170419.1493124797464_1_028,if=none,id=drive-ide0-0-1,format=qcow2,cache=directsync,aio=native -device ide-hd,bus=ide.0,unit=1,drive=drive-ide0-0-1,id=ide0-0-1,bootindex=1 -drive file=/vms/5T/DLT_PLM.1493124797464_2_477,if=none,id=drive-ide0-1-0,format=qcow2,cache=directsync,aio=native -device ide-hd,bus=ide.1,unit=0,drive=drive-ide0-1-0,id=ide0-1-0 -netdev tap,fd=39,id=hostnet0,vhost=on,vhostfd=40 -device virtio-net-pci,netdev=hostnet0,id=net0,mac=0c:da:41:1d:b5:ce,bus=pci.0,addr=0x3 -chardev socket,id=charchannel0,path=/var/lib/libvirt/qemu/DLT_win2008_20170419.agent,server,nowait -device virtserialport,bus=virtio-serial0.0,nr=1,chardev=charchannel0,id=channel0,name=org.qemu.guest_agent.0 -chardev pty,id=charserial0 -device isa-serial,chardev=charserial0,id=serial0 -device usb-tablet,id=input0,bus=usb.0 -vnc 0.0.0.0:1 -device VGA,id=video0,bus=pci.0,addr=0x2 -device virtio-balloon-pci,id=balloon0,bus=pci.0,addr=0x9
root 24151 10884 0 10:42 pts/2 00:00:00 grep --color=auto DLT_win2008_20170419
root@cvknode01:/vms/5T# kill -9 7697
```

附件下载: 爱数备份死机恢复.doc