

某局点对CAS里面的虚拟机进行备份，备份的时候报错，提示“原因是同一个CVK下不能有多台虚拟机并发执行备份，错误码为4535”的经验案例

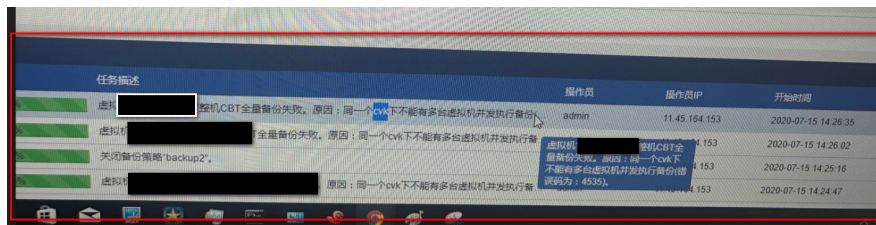
李树兵 2020-07-27 发表

组网及说明

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问题描述

CAS平台中在一台CVK上对虚拟机进行备份，但是失败，原因是同一个CVK下不能有多台虚拟机并发执行备份，错误码为4535。但是在系统前台页面查看并没有其他的备份任务。

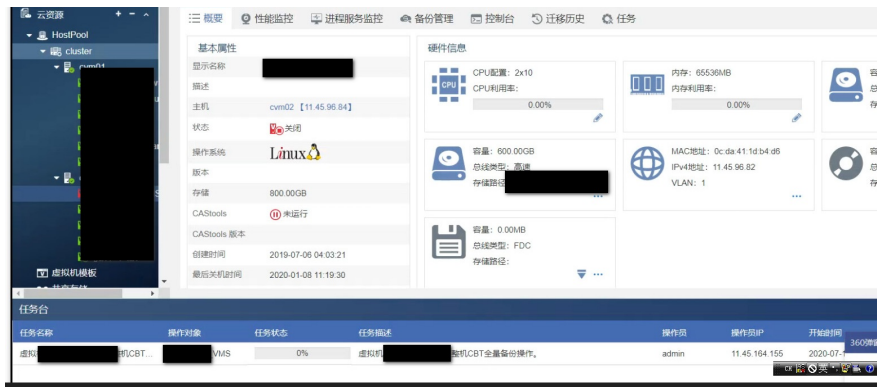


过程分析

CAS CVM环境对虚拟机做备份，为了保证数据的安全性，目前是串行的，即一个一个的依次进行备份，不能同时进行备份。但是在前台页面任务台上没有看到有备份的任务，此时需要到后台查看是否有备份的任务。

第一步：登录到主机后台，通过 `ps -aux | grep backup` 进行查看，查看是否有备份的进程，通过进程显示可以看到有好几个备份的进程。

```
root@vm02:/vms# ps -aux | grep backup
Warning: bad ps syntax, perhaps a bogus '-':? See http://procps.sf.net/faq.html
root 36875 0.0 0.0 8156 2840 pts/4 S+ 15:19 0:00 grep --color=auto backup
root 54127 0.0 0.0 8156 2240 pts/4 S+ 15:24 0:00 python /opt/bin/cbt_backup.py cas Uninsight_VMS_0 /vms/vmbackuptmp/Uninsight_VMS_20280715141014
root 54371 0.0 0.0 4452 688 S 14:10 0:00 /bin/sh -c qemu-img convert -s /vms/storage/Uninsight_VMS_0/vms/vmbackuptmp/Uninsight_VMS_20280715141014/directys
root 54129 0.0 0.0 4452 2900 S 14:10 0:00 /bin/bash /opt/bin/vm_backup.sh cp /vms/storage/vmback Uninsight_VMS_0 2 /vms/vmbackuptmp Uninsight_VMS_20280715141014 0 ffff
root 54129 0.0 0.0 4484 5076 S 14:10 0:00 /opt/bin/vm_backup.sh x -c #?/bin/bash?
# Data Created: 2011-07-12? Author: guozhonghua@2008? Description: vm backup shell script? Input: $1 type of transfer, cp, ftp or scp? $2, th
# shared directory? $3, vms name? $4, all or incremental or diff? $5, reserved number? $6, compressed, 1 compressed, 0 uncompressed? $7,
$7, tempdir, the temp dir used, default is /vms/vmbackuptmp/? $8, specified the backup file name, if specified name is default, then make $SPECIFIED_NAME equal 0/? $9, read ratio,
0 no limit? $10, write ratio, 0 no limit? $11, backup disk, 0 for backup all vm, or disk name such as vda? $12, disk password, used for backup/restore secret disk?
$13, port, front known this port? $14, user name? $15, reserved number? $16, compressed, 1 compressed, 0 uncompressed? $17, tempdir, the temp dir used, default is /vms/vmbackuptmp/?
$18, read ratio, 0 no limit? $19, write ratio, 0 no limit? $20, scp server? $21, port, front know this port? $22, specified the backup file name, if specified name is default, then make $SPECIFIED_NAME equal
0/? $23, read ratio, 0 no limit? $24, write ratio, 0 no limit? $25, backup disk, 0 for backup all vm, or disk name such as vda? $26, disk password, used
for backup/restore secret disk? $27, with type of scp? $28, scp server? $29, user's directory? $30, user name? $31, reserved number? $32, compressed, 1 compressed, 0 unc
compressed? $33, tempdir, the temp dir used, default is /vms/vmbackuptmp/? $34, all or incremental or diff? $35, reserved number? $36, user's password? $37,
tempdir, the temp dir used, default is /vms/vmbackuptmp/? $38, specified the backup file name, if specified name is default, then make $SPECIFIED_NAME equal 0/? $39, read ratio,
0 no limit? $40, write ratio, 0 no limit? $41, backup disk, 0 for backup all vm, or disk name such as vda? $42, disk password, used for backup/restore secret disk?
Output: error Code with same errors? Return: 0 if successfully, other with errors? Caution:
-- Modification History? DATE NAME DESCRIPTION? 2012-03-27 guozhonghua Add the incremental backup function? 2014-09-03 guozhonghua Add optimization process? 201
5-07-20 linjunhong Change to new backup? 2018-04-23 wangjiao Merge vm backup flow into this one script?
# The ha utilities, declare all variables and functions? $@B, $@C, $@D, $@E, $@F, $@G, $@H, $@I, $@J, $@K, $@L, $@M, $@N, $@O, $@P, $@Q, $@R, $@S, $@T, $@U, $@V, $@W, $@X, $@Y, $@Z, $@AA, $@AB, $@AC, $@AD, $@AE, $@AF, $@AG, $@AH, $@AI, $@AJ, $@AK, $@AL, $@AM, $@AN, $@AO, $@AP, $@AQ, $@AR, $@AS, $@AT, $@AU, $@AV, $@AW, $@AX, $@AY, $@AZ, $@BA, $@BB, $@BC, $@BD, $@BE, $@BF, $@BG, $@BH, $@BI, $@BJ, $@BK, $@BL, $@BM, $@BN, $@BO, $@BP, $@BQ, $@BR, $@BS, $@BT, $@BU, $@BV, $@BW, $@BX, $@BY, $@BZ, $@CA, $@CB, $@CC, $@CD, $@CE, $@CF, $@CG, $@CH, $@CI, $@CJ, $@CK, $@CL, $@CM, $@CN, $@CO, $@CP, $@CQ, $@CR, $@CS, $@CT, $@CU, $@CV, $@CW, $@CX, $@CY, $@CZ, $@DA, $@DB, $@DC, $@DD, $@DE, $@DF, $@DG, $@DH, $@DI, $@DJ, $@DK, $@DL, $@DM, $@DN, $@DO, $@DP, $@DQ, $@DR, $@DS, $@DT, $@DU, $@DV, $@DW, $@DX, $@DY, $@DZ, $@EA, $@EB, $@EC, $@ED, $@EE, $@EF, $@EG, $@EH, $@EI, $@EJ, $@EK, $@EL, $@EM, $@EN, $@EO, $@EP, $@EQ, $@ER, $@ES, $@ET, $@EU, $@EV, $@EW, $@EX, $@EY, $@EZ, $@FA, $@FB, $@FC, $@FD, $@FE, $@FF, 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```



注意事项：

如果备份镜像文件比较大的话，可能停留在0%的状态时间会比较长，此时需要登录到临时目录上去看一下备份文件是否生成，并且通过ls -l查看备份文件是否在增大，如果确定文件在增大，所以说明正在备份中，耐心等待即可。