Subject: Re: Strange CT creation problem with ploop-1.2.1 and vzkernel-2.6.32-042stab054.5
Posted by jjs - mainphrame on Sun, 22 Apr 2012 20:48:36 GMT

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Hi Kir,

1. The underlying 30G file system is 25% full - the failed ploop-based CT creation attempts were sandwiched between successful simfs -based CT creations: Create simfs CT, attempt to create ploop CT and fail, create simfs CT, attempt to create ploop Ct and fail.

2. There was no hint of the problem in dmesg output.

3. The underlying filesystem is ext4.

Joe

On Sun, Apr 22, 2012 at 8:22 AM, Kir Kolyshkin <kir@openvz.org> wrote:

> On 04/22/2012 10:41 AM, jjs - mainphrame wrote:
>
>> A data point concerning my openvz test setup: Centos 6.2 i386,
>> vzkernel-2.6.32-042stab054.5, ploop-1.2.1 -
>>
>> Creation of simfs CTs proceeds normally normal, but creation of
>> ploop-based CT runs into problem when nothing can be written to the ploop
>> device.
>>
>
> I was unable to reproduce it locally, although my setup is slightly
> different.
> 1. do you have enough disk space available on the underlying FS (ie the
> one you use for /vz/private/775 or whatever your VE_PRIVATE is)?
> 2. anything bad/suspicious in dmesg?
> 3. what is the underlying filesystem?
>
>
>
>> See CT creation attempt below:
>>
>> [root@mrmber]# vzctl create 775 --layout=ploop --config=vswap-256m
>> --diskspace="10000000:**12000000" --ostemplate=centos-6.2-x86-**devel
>> Creating image: /vz/private/775.tmp/root.hdd/**root.hdd size=12000000K
>> Creating delta /vz/private/775.tmp/root.hdd/**root.hdd bs=2048
>> size=24000000 sectors
>> Storing /vz/private/775.tmp/root.hdd/**DiskDescriptor.xml
>> Adding delta dev=/dev/ploop1 img=/vz/private/775.tmp/root.**hdd/root.hdd

>> (rw)
>> /sbin/mkfs -t ext4 -j -b4096 /dev/ploop1p1 </dev/null
>> mke2fs 1.41.12 (17-May-2010)
>> Discarding device blocks: failed - Operation not supported
>> Filesystem label=
>> OS type: Linux
>> Block size=4096 (log=2)
>> Fragment size=4096 (log=2)
>> Stride=0 blocks, Stripe width=0 blocks
>> 750720 inodes, 2999552 blocks
>> 149977 blocks (5.00%) reserved for the super user
>> First data block=0
>> Maximum filesystem blocks=3074424832
>> 92 block groups
>> 32768 blocks per group, 32768 fragments per group
>> 8160 inodes per group
>> Superblock backups stored on blocks:
>>   32768, 98304, 163840, 229376, 294912, 819200, 884736, 1605632,
>> 2654208
>>
>> Writing inode tables: done
>> Creating journal (32768 blocks): done
>> Writing superblocks and filesystem accounting information: done
>>
>> This filesystem will be automatically checked every 30 mounts or
>> 180 days, whichever comes first. Use tune2fs -c or -i to override.
>> /sbin/tune2fs -o user_xattr,acl /dev/ploop1p1 </dev/null >/dev/null
>> Creating balloon file .balloon-c3a5ae3d-ce7f-43c4-**a1ea-c61e2b4504e8
>> Mounting /dev/ploop1p1 at /vz/private/775.tmp/root.hdd/**root.hdd.mnt
>> fstype=ext4 data=''
>> Umounting fs at /vz/private/775.tmp/root.hdd/**root.hdd.mnt
>> Unmounting device /dev/ploop1
>> Adding delta dev=/dev/ploop1 img=/vz/private/775.tmp/root.**hdd/root.hdd
>> (rw)
>> Mounting /dev/ploop1p1 at /vz/root/775 fstype=ext4 data='balloon_ino=12,'
>> Creating container private area (centos-6.2-x86-devel)
>> tar: ./etc/rc.d/init.d/saslauthd: Cannot write: No space left on device
>> tar: ./etc/rc.d/init.d/nscd: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/rdisc: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/killall: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/single: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/snmptrapd: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/nmb: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/crond: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/smb: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/named: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/network: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/httpd: Cannot open: No space left on device

>> tar: ./etc/rc.d/init.d/udev-post: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/xinetd: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/iptables: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/rpcbind: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/postfix: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/snmpd: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/functions: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/netconsole: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/netfs: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/rsyslog: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/modules_dep: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/halt: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/sshd: Cannot open: No space left on device
>> tar: ./etc/rc.d/init.d/quota_nld: Cannot open: No space left on device
>> tar: ./etc/rc.d/rc.local: Cannot open: No space left on device
>> tar: ./etc/rc.d/rc3.d: Cannot mkdir: No space left on device
>> tar: ./etc/rc.d/rc3.d/K50snmptrapd: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/K75quota_nld: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/S12rsyslog: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/K87named: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/K75udev-post: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/K75netfs: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/K35smb: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/S80postfix: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/S56xinetd: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/**K50netconsole: Cannot open: No such file or
>> directory
>> tar: ./etc/rc.d/rc3.d/S10network: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/K74nscd: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/K10saslauthd: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/S99local: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/S55sshd: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/K89rdisc: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/S90crond: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/K35nmb: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/S08modules_**dep: Cannot open: No such file or
>> directory
>> tar: ./etc/rc.d/rc3.d/S08iptables: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/S85httpd: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/K87rpcbind: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc3.d/K50snmpd: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d: Cannot mkdir: No space left on device
>> tar: ./etc/rc.d/rc2.d/K50snmptrapd: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/K75quota_nld: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/S12rsyslog: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/K87named: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/K75netfs: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/K35smb: Cannot open: No such file or directory

>> tar: ./etc/rc.d/rc2.d/S80postfix: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/S26udev-post: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/**K50netconsole: Cannot open: No such file or
>> directory
>> tar: ./etc/rc.d/rc2.d/S10network: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/K15httpd: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/K74nscd: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/K10saslauthd: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/S99local: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/S55sshd: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/K89rdisc: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/S90crond: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/K35nmb: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/S13rpcbind: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/S08modules_**dep: Cannot open: No such file or
>> directory
>> tar: ./etc/rc.d/rc2.d/S08iptables: Cannot open: No such file or directory
>> tar: ./etc/rc.d/rc2.d/K50xinetd: Cannot open: No such file or directory
>> ^Z
>> [1]+ Stopped   vzctl create 775 --layout=ploop
>> --config=vswap-256m --diskspace="10000000:**12000000"
>> --ostemplate=centos-6.2-x86-**devel
>>
>
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