Subject: a unionfs-ed ve hangs at stopping it
Posted by curx on Mon, 03 Jul 2006 06:52:51 GMT
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Hi,

i'm trying a ve with <vpsid> putting on a unionfs template_dir:

+ /vz/template/debian-3.1-i386-minimal/ readonly (ro)
+ /vz/private_unionfs/<vpsid>/ read/write (rw)

= /vz/private/<vpsid>/

starting and useing ... all fine, but when i will stop the ve it,
the kernel pull this messages out:

//---

kern.err: current 12466 (vzctl), VE 0, time 1118.077867
kern.warn: [<e0aaae70>] vzquota_det_qmblk_recalc+0x223/0x259 [vzdquota]
kern.warn: [<e0aab038>] vzquota_inode_data+0x55/0x83 [vzdquota]
kern.warn: [<e0aaaf9a>] vzquota_inode_init_call+0x1f/0x63 [vzdquota]
kern.warn: [<e0dba802>] unionfs_put_inode+0xec/0xfa [unionfs]
kern.warn: [<e0dba810>] unionfs_delete_inode+0x0/0xd3 [unionfs]
kern.warn: [<e0aac9ee>] vzquota_initialize+0xf/0x15 [vzdquota]
kern.warn: [<c017a6a5>] generic_delete_inode+0xd9/0x113
kern.warn: [<c017a894>] iput+0x62/0x7f
kern.warn: [<e0da4e44>] unionfs_d_iput+0x5c/0xad [unionfs]
kern.warn: [<c01775a0>] dentry_iput+0x64/0x9a
kern.warn: [<c0177b0a>] prune_dcache+0x1ba/0x231
kern.warn: [<c0177dbb>] shrink_dcache_parent+0x25/0x2c
kern.warn: [<c0166d48>] generic_shutdown_super+0x27/0x12f
kern.warn: [<c01675d9>] kill_anon_super+0x41/0x57
kern.warn: [<c0166c7d>] deactivate_super+0x52/0x95
kern.warn: [<c017cb36>] sys_umount+0x3f/0x8e
kern.warn: [<c017297e>] vfs_ioctl+0x65/0x1c3
kern.warn: [<c0172b21>] sys_ioctl+0x45/0x6c
kern.warn: [<c0102ddd>] syscall_call+0x7/0xb

\\---

After some testings, it seem the the "umount" process hangs and the ve0 slow down.
After a "timeout"? when the vzdquota process is over -> the ve stoppend and the ve0 works fine!

system: debian-3.1
kernel: (own build) 2.6.16-020test14.4 and unionfs-20060423-1600
with the openvz-patch from http://download.openvz.org/contrib/kernel-patches/unionfs-20

060423-1600-openvz.patch

Any ideas whats going wrong ?

Regards,
Thorsten

Subject: Re: a unionfs-ed ve hangs at stopping it
Posted by dev on Mon, 03 Jul 2006 08:24:29 GMT
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1. you should change it a bit:
it should go not this way:
+ /vz/template/debian-3.1-i386-minimal/ readonly (ro)
+ /vz/private_unionfs/<vpsid>/ read/write (rw)

= /vz/private/<vpsid>/

but:
+ /vz/template/debian-3.1-i386-minimal/ readonly (ro)
+ /vz/private/<vpsid>/ read/write (rw)

= /vz/root/<vpsid>/

in this case vzquota will be calculated on real ext3 file system in /vz/private, not on unionfs which is virtual file system.

2. these messages by itself are harmless. So I suppose a real problem in your case is some "hangs". Can you describe it more? Can you take calltraces using AltSysRq-P and AltSySRq-T keys?

Subject: Re: a unionfs-ed ve hangs at stopping it
Posted by sakib on Tue, 22 Dec 2009 12:15:36 GMT
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dev wrote on Mon, 03 July 2006 11:241. you should + /vz/template/debian-3.1-i386-minimal/ readonly (ro)
+ /vz/private/<vpsid>/ read/write (rw)

= /vz/root/<vpsid>/

in this case vzquota will be calculated on real ext3 file system in /vz/private, not on unionfs which

is virtual file system.

In this case VE <vpsid> refuses to start, cause /vz/root/<vpsid> is a mountpoint and being unmounted before start. So /vz/private/<vpsid> leaves empty & vzctl start <vpsid> fails to start init.

system: gentoo-10.0
kernel: 2.6.18-028stab056 + aufs patch

I'm using OpenVZ with aufs (alternative, compatible with unionfs layered filesystem: http://aufs.sourceforge.net/).

vzquota stats don't change during VE work, and being recalculated for /vz/privete/<vpsid> only when VE starts.
So my VEs always bursting from limits i'd like to keep them in.

Are there any suggestions about using vzquota with layered filesystems? (except vzfs)