

---

Subject: vzmond hanging during vzctl stop - ends in panic

Posted by [jochum](#) on Tue, 03 Jul 2007 02:14:39 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi All:

I am seeing an problem occasionally on stopping a VPS. I see the following symptoms:

1) vzlist -a reports:

VEID	NPROC	STATUS	IP_ADDR	HOSTNAME
200	0	running	lss-vps140.xx.xx.xx	

2) running a top on the host, shows that there is a process "vzmond/200", that is running 100% of the CPU, and has run for over 17 minutes

3) it then ends up with a kernel panic, I captured the screen to a .png file that I (hopefully) have attached, the EIP was

EIP: [`<c05b8294>`] `__ip_route_output_key+0xf7/0x822` SS:ESP 0068:c5df3d90

other info:

`uname -a`

Linux lss-host40.ih.lucent.com 2.6.18-8.1.4.el5.028stab035.1PAE #1 SMP Sat Jun 9 02:27:12 MSD 2007 i686 athlon i386 GNU/Linux

I set up the host as Scientific Linux SL release 4.4 (a recompile of RedHat Enterprise 4.4, just like CentOS 4.4). I seemed to have the same problem when I set up the host as CentOS 5.0 (but I didn't capture the kernel panic, so not sure if it was is the same place).

The VPS is a CentOS 5.0 VPS.

Any other info needed that I can provide?

thanks,  
Paul

### File Attachments

1) [screen\\_panic.png](#), downloaded 613 times

---

---

Subject: Re: vzmond hanging during vzctl stop - ends in panic

Posted by [Vasily Tarasov](#) on Tue, 03 Jul 2007 06:43:46 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hello, do you use NFS on your node?

Seems, that it is the bug report: [http://bugzilla.openvz.org/show\\_bug.cgi?id=513](http://bugzilla.openvz.org/show_bug.cgi?id=513)

Vasily.

---

---

Subject: Re: vzmond hanging during vzctl stop - ends in panic

Posted by [jochum](#) on Tue, 03 Jul 2007 11:49:46 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Yes, I am running NFS. Sorry, I did a google search before submitting to the forum, but did not see Bug 513 in the results.

Any status on when this bug may be fixed (or, can we provide any further information to help fix it)?

thanks,

Paul

---

---

Subject: Re: vzmond hanging during vzctl stop - ends in panic

Posted by [Vasily Tarasov](#) on Thu, 05 Jul 2007 07:30:20 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hello,

The patch was attached to the bug report.  
It'll be included in the next kernel release.

Vasily.

---

---

Subject: **\*NOT SOLVED\*** vzmond hanging during vzctl stop - ends in panic

Posted by [jochum](#) on Sun, 22 Jul 2007 02:16:45 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi Vasily:

I built the kernel with the patch in the bug report, but it is still failing.

Here is the procedure I used to build the new kernel:

```
yum -y groupinstall 'Legacy Software Development'
rm -rf /usr/src/*
mkdir -p /usr/src/redhat/SOURCES
mkdir -p /usr/src/redhat/BUILD
rpm -ivh ovzkernel-2.6.18-8.1.4.el5.028stab035.1.src.rpm
cd /usr/src/redhat/SPECS
rpmbuild -bp --target=i686 kernel-ovz.spec
ln -s /usr/src/redhat/BUILD/ovzkernel-2.6.18/linux-2.6.18.i686 /usr/src/linux
cd /usr/src/linux
patch -p1 < diff-ve-nfsstop-b-20070704.patch
yum -y install ncurses-devel
```

```
make menuconfig
make clean
# edit the Makefile, and change the EXTRAVERSION =
# i.e. EXTRAVERSION = -8.el5.028stab031.1PAE.prj
make -j4 bzImage
make -j4 modules
make modules_install
make install
# edit /boot/grub/menu.lst, to boot the new kernel
```

I was not able to capture the kernel dump, if I can get one, I will add it to this thread.

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic  
Posted by [den](#) on Mon, 23 Jul 2007 07:56:30 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hello, Jochum!

Bug #513 aka

[http://bugzilla.openvz.org/show\\_bug.cgi?id=513](http://bugzilla.openvz.org/show_bug.cgi?id=513)

has been solved in the latest OpenVz kernels, namely on 028stab038. Will you try this one. We believe that the problem should gone.

Regards,  
Den

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic  
Posted by [den](#) on Mon, 23 Jul 2007 07:59:36 GMT

[View Forum Message](#) <> [Reply to Message](#)

as far as I can see from this log, you use diff-ve-nfs-stop-b-20070502, while the real cure is diff-ve-nfs-stop-c-20070704

Regards,  
Den

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic  
Posted by [dev](#) on Mon, 23 Jul 2007 08:06:27 GMT

[View Forum Message](#) <> [Reply to Message](#)

Den, is a bit wrong (patch was simply renamed in CVS, since -b already existed). The patch is

correct. And this patch requires another minor fix. Anyway, we will continue investigating and will provide you a kernel today/tomorrow for debugging.

---

Subject: Re: **\*NOT SOLVED\*** vzmond hanging during vzctl stop - ends in panic  
Posted by [den](#) on Mon, 23 Jul 2007 11:58:11 GMT  
[View Forum Message](#) <> [Reply to Message](#)

Hello again, Jochum!

We have found a problem induced by the diff-ve-nfsstop-b-20070704. There is a deadlock if NFS service is started in VE0 before vz service, which is generally the case. The patch is attached to the bug.

Though, could you plz clarify, is there any changes after the diff-ve-nfsstop-b-20070704 or not? We have no feedback for the original defect.

Kirill will provide your 028stab039 kernel a bit later.

Regards,  
Den

---

Subject: Re: **\*NOT SOLVED\*** vzmond hanging during vzctl stop - ends in panic  
Posted by [jochum](#) on Mon, 23 Jul 2007 11:59:15 GMT  
[View Forum Message](#) <> [Reply to Message](#)

Hi Den and Dev:

I was able to capture the screen from the kernel panic, if that is of any help (this was still on the ovzkernel-2.6.18-8.1.4.el5.028stab035.1.src.rpm kernel with patch diff-ve-nfsstop-b-20070704.patch installed).

thanks,

Paul

### File Attachments

1) [kernel\\_panic](#), downloaded 555 times

---

Subject: Re: **\*NOT SOLVED\*** vzmond hanging during vzctl stop - ends in panic  
Posted by [jochum](#) on Mon, 23 Jul 2007 12:10:31 GMT  
[View Forum Message](#) <> [Reply to Message](#)

Hi Den and Dave:

I am sorry, but I am not sure I understand the question. If you are asking if I installed any other package in my build (other than patch diff-ve-nfsstop-b-20070704.patch), than the answer is no (i.e. only patch was added). If you are asking if the behavior of the kernel was different once I used that patch, than I believe the answer is also no (to me, the kernel panic looks like it came from the same area, but I am not very good at reading kernel panics, so I can't guarantee that).

Also, I uploaded the kernel panic in the previous response, but forgot to add the extension .png to the file.

thanks,

Paul

---

---

Subject: Re: vzmond hanging during vzctl stop - ends in panic

Posted by [den](#) on Mon, 23 Jul 2007 14:33:43 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Here is a small debug patch. Current idea about this problem is that there is a "use after free" situation. The patch will clarify the situation.

It will OOPS faster if we guessed correctly. Could you check it and notify us about the results?

#### File Attachments

1) [diff-venfs-routedebg-20070723](#), downloaded 490 times

---

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic

Posted by [jochum](#) on Mon, 23 Jul 2007 21:40:30 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi Den:

I tried the patch, but couldn't get it to build. Error message was:

```
net/ipv4/fib_rules.c: In function 'fib_rules_destroy':
net/ipv4/fib_rules.c:158: error: incompatible types in assignment
make[2]: *** [net/ipv4/fib_rules.o] Error 1
```

thanks,

Paul

---

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic

Posted by [den](#) on Tue, 24 Jul 2007 11:22:27 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I was wrong, again  
Here a correct one.

#### File Attachments

1) [diff-venfs-routedebug-20070724](#), downloaded 561 times

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic

Posted by [jochum](#) on Tue, 24 Jul 2007 17:29:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi Den:

I have attached a copy of the screen dump from the kernel panic, I assume that is what you are looking for. I looked at /var/log/messages and /var/log/vzctl.log on the host, but nothing came out around the kernel panic timeframe.

thanks,

Paul

#### File Attachments

1) [kernel\\_dump.JPG](#), downloaded 565 times

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic

Posted by [den](#) on Fri, 27 Jul 2007 12:37:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi, Jochum...

Unfortunately, we can't reproduce the situation locally and the information we have is not enough to understand the problem. As far as I see from our talks, this situation is rather frequent for you.

Kirill has prepared the latest OVZ kernel with all the fixes we have. You can download it from <http://download.openvz.org/~dev/028stab039.1/>

Could you try this one and if this will not help, plz provide more details about the situation.

According to the dumps we have, the crash occurs at the beginning of ip\_route\_output\_slow on dereference of loopback\_dev (this is a macro now).

Do you have problems with a concrete VE or this can happen on an arbitrary one with NFS?

Do you have crashes on the same node or an arbitrary one is affected?

Is there any specific activity before the crash like checkpointing/restoration/backup/restore etc?

It will be very helpful if you setup a serial or a network console for the crashing node. We really need to see a whole OOPS to make a more productive guesses. Though, you can try to turn off kernel panic on oops and obtain logs directly from the node. This can be performed by

```
echo 0 > /proc/sys/kernel/panic_on_oops
```

Here is a small debug patch against 028stab039.1. Could you run the kernel with it?

I hope this will help us

Regards,

Den

### File Attachments

1) [diff-venfs-debug-20070727](#), downloaded 516 times

---

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic  
Posted by [jochum](#) on Fri, 27 Jul 2007 22:20:58 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi Den:

Thanks for responding and your patience in working on this. I will try to answer your questions, and also attach a copy of a full kernel dump.

1) Can I try Kirill's latest version?

A) I downloaded and installed his version (ovzkernel-PAE-2.6.18-8.1.8.el5.028stab039.1.i686.rpm ovzkernel-PAE-devel-2.6.18-8.1.8.el5.028stab039.1.i686.rpm), but they still failed.

2) I have tries this on 2 differen't VE's. Both of them are based on CentOS 5.0. One of these was the download from the OpenVZ website, the other from my own conversion of CentOS4 to CentOS5.

3) Do I have the crashes on the same node, or arbitrary ones?

I have this configuration running on 6 nodes, and I can reproduce the failure on all 6 of them.

4) Is there any specific activity before the crash?

Nothing special. Basically, I start the host, and than have been using a script to start the VPS, perform a pwd of an automounted NFS filesystem, and then stop the VPS. I can tell it will fail, when the VPS does not shut down completly (vzlist -a shows it is running but has 0 processes). Once in this state (where the VPS does not shut down completely), it takes a while (anywhere from minutes to hours) before the kernel panics. During this interval, I do receive messages on the console, (nfs) "server xxx not responding, still trying"

Here is the copy of the kernel dump. Note, this was run against Kirill's kernel, with out the included patch. I will next work on building Kirill's kernel with the new patch.

thanks,

Paul

BUG: unable to handle kernel NULL pointer dereference at virtual address 00000040

printing eip:

c05b85e3

\*pde = 37532001

Oops: 0000 [#1]

SMP

last sysfs file:

Modules linked in: simfs(U) vzethdev(U) vzrst(U) ip\_nat(U) vzcpt(U) ip\_contrack(U) nfnetlink(U) vzdquota(U) xt\_tcpudp(U) xt\_length(U) ipt\_ttl(U) xt\_tcpmss(U) ipt\_TCPMSS(U) iptable\_mangle(U) iptable\_filter(U) xt\_multiport(U) xt\_limit(U) ipt\_tos(U) ipt\_REJECT(U) ip\_tables(U) x\_tables(U) autofs4(U) nfs(U) lockd(U) fscache(U) nfs\_acl(U) sunrpc(U) vznetdev(U) vzmon(U) vzdev(U) ipv6(U) cpufreq\_ondemand(U) dm\_mirror(U) dm\_mod(U) video(U) sbs(U) i2c\_ec(U) button(U) battery(U) asus\_acpi(U) ac(U) parport\_pc(U) lp(U) parport(U) sr\_mod(U) sg(U) i2c\_nforce2(U) i2c\_core(U) k8\_edac(U) pcspkr(U) ide\_cd(U) edac\_mc(U) e1000(U) serio\_raw(U) forcedeth(U) cdrom(U) usb\_storage(U) sata\_nv(U) libata(U) mptsas(U) mptscsih(U) mptbase(U) scsi\_transport\_sas(U) sd\_mod(U) scsi\_mod(U) raid1(U) ext3(U) jbd(U) ehci\_hcd(U) ohci\_hcd(U) uhci\_hcd(U)

CPU: 2, VCPU: 0.3

EIP: 0060:[<c05b85e3>] Not tainted VLI

EFLAGS: 00010286 (2.6.18-8.1.8.el5.028stab039.1PAE #1)

EIP is at \_\_ip\_route\_output\_key+0xf7/0x822

eax: 00000000 ebx: 00000000 ecx: 00000000 edx: 00000000

esi: 00000000 edi: f7f4bea4 ebp: f63e09c0 esp: f7f4bd90

ds: 007b es: 007b ss: 0068

Process events/3 (pid: 13, veid: 0, ti=f7f4a000 task=f7f49990 task.ti=f7f4a000)

Stack: f7f4bef8 00000000 00000000 00000040 00000000 f765f0c0 f4c724b8 c05d40f4

f4c724b8 00000000 00000000 00000000 00000000 00000000 00000000 00000000

00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

Call Trace:

[<c05d40f4>] tcp\_v4\_send\_check+0x76/0xbb

[<c05d4490>] tcp\_v4\_connect+0x102/0x5f8

[<c04d5d5c>] \_\_next\_cpu+0x12/0x21

[<c0418c91>] find\_busiest\_group+0x178/0x45c

[<c05faef7>] \_spin\_lock\_bh+0x8/0x18

[<c05de6b8>] inet\_stream\_connect+0x7d/0x208

[<c05f96e7>] schedule+0xcc3/0xda1

[<f91b3bb7>] xs\_tcp\_connect\_worker+0x221/0x2bd [sunrpc]

[<c04314d7>] run\_workqueue+0x7f/0xbc

[<f91b3996>] xs\_tcp\_connect\_worker+0x0/0x2bd [sunrpc]

[<c0431af1>] worker\_thread+0xd9/0x10c

[<c0419818>] default\_wake\_function+0x0/0xc  
[<c0431a18>] worker\_thread+0x0/0x10c  
[<c043464b>] kthread+0xc0/0xed  
[<c043458b>] kthread+0x0/0xed  
[<c05fdc77>] kernel\_thread\_helper+0x7/0x10

=====

Code: 83 e6 1d e8 ea 13 f2 ff 8b 07 f7 db 8b 4f 0c 83 e3 fd 89 44 24 24 89 e0 25 00 e0 ff ff 8b 00  
8b 80 d4 05 00 00 8b 80 e8 02 00 00 <8b> 40 40 89 4c 24 30 88 5c 24 39 c7 44 24 7c 00 00 00  
00 89 44

EIP: [<c05b85e3>] \_\_ip\_route\_output\_key+0xf7/0x822 SS:ESP 0068:f7f4bd90

Kernel panic - not syncing: Fatal exception

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic  
Posted by [jochum](#) on Sat, 28 Jul 2007 02:53:39 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi Den:

I rebuilt Kirill's version with the patch. The kernel panic looks the same (at least to me), I have included it below. I did not see anything unusual in the /var/log/vzctl.log file, and the only important thing I saw in /var/log/messages was the following 2 messages:

```
kernel: nfs: server lss-nfsa09 not responding, still  
trying  
Jul 27 20:23:44 lss-host40 last message repeated 4 times
```

thanks,

Paul

BUG: unable to handle kernel NULL pointer dereference at virtual address 00000040

printing eip:

c05b85e3

\*pde = 00003001

Oops: 0000 [#1]

SMP

last sysfs file:

Modules linked in: simfs(U) vzethdev(U) vzrst(U) ip\_nat(U) vzcpt(U) ip\_contrack(U) nfnetlink(U)  
vzdquota(U) xt\_tcpudp(U) xt\_length(U) ipt\_ttl(U) xt\_tcpmss(U) ipt\_TCPMSS(U) iptable\_mangle(U)  
iptable\_filter(U) xt\_multiport(U) xt\_limit(U) ipt\_tos(U) ipt\_REJECT(U) ip\_tables(U) x\_tables(U)  
autofs4(U) nfs(U) lockd(U) fscache(U) nfs\_acl(U) sunrpc(U) vznetdev(U) vzmon(U) vzdev(U)  
ipv6(U) cpufreq\_ondemand(U) dm\_mirror(U) dm\_mod(U) video(U) sbs(U) i2c\_ec(U) button(U)  
battery(U) asus\_acpi(U) ac(U) parport\_pc(U) lp(U) parport(U) sr\_mod(U) i2c\_nforce2(U) sg(U)  
pcspkr(U) i2c\_core(U) e1000(U) k8\_edac(U) edac\_mc(U) forcedeth(U) serio\_raw(U) ide\_cd(U)

cdrom(U) usb\_storage(U) sata\_nv(U) libata(U) mptsas(U) mptscsih(U) mptbase(U)  
scsi\_transport\_sas(U) sd\_mod(U) scsi\_mod(U) raid1(U) ext3(U) jbd(U) ehci\_hcd(U) ohci\_hcd(U)  
uhci\_hcd(U)

CPU: 1, VCPU: 0.2

EIP: 0060:[<c05b85e3>] Not tainted VLI

EFLAGS: 00010286 (2.6.18-8.1.8.el5.028stab039.1PAE.prj #1)

EIP is at \_\_ip\_route\_output\_key+0xf7/0x822

eax: 00000000 ebx: 00000000 ecx: 00000000 edx: 00000000

esi: 00000000 edi: c5dedea4 ebp: f63019c0 esp: c5dedd90

ds: 007b es: 007b ss: 0068

Process events/2 (pid: 12, veid: 0, ti=c5dec000 task=f7e3a0d0 task.ti=c5dec000)

Stack: c5dedef8 f7615e9e 00000000 c05bf53c f7203000 f67032bc f67032bc f7203000

c059fed2 00000000 00000000 00000000 00000000 00000000 00000000 00000000

00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

Call Trace:

[<c05bf53c>] ip\_finish\_output+0x0/0x19a

[<c059fed2>] dev\_hard\_start\_xmit+0x1b8/0x22a

[<c05c00dd>] ip\_queue\_xmit+0x3a5/0x3eb

[<c05d4490>] tcp\_v4\_connect+0x102/0x5f8

[<f8c79238>] scsi\_end\_request+0x9f/0xa9 [scsi\_mod]

[<f8c7938b>] scsi\_io\_completion+0x149/0x2f3 [scsi\_mod]

[<c05d40f4>] tcp\_v4\_send\_check+0x76/0xbb

[<c05cec56>] tcp\_transmit\_skb+0x6a4/0x6d2

[<c042b0f9>] lock\_timer\_base+0x15/0x2f

[<c042b20d>] \_\_mod\_timer+0x9c/0xa6

[<c05faef7>] \_spin\_lock\_bh+0x8/0x18

[<c05de6b8>] inet\_stream\_connect+0x7d/0x208

[<c05f96e7>] schedule+0xcc3/0xda1

[<f91bcbe8>] xs\_tcp\_connect\_worker+0x221/0x2bd [sunrpc]

[<c04314d7>] run\_workqueue+0x7f/0xbc

[<f91bc9c7>] xs\_tcp\_connect\_worker+0x0/0x2bd [sunrpc]

[<c0431af1>] worker\_thread+0xd9/0x10c

[<c0419818>] default\_wake\_function+0x0/0xc

[<c0431a18>] worker\_thread+0x0/0x10c

[<c043464b>] kthread+0xc0/0xed

[<c043458b>] kthread+0x0/0xed

[<c05fdc77>] kernel\_thread\_helper+0x7/0x10

=====

Code: 83 e6 1d e8 ea 13 f2 ff 8b 07 f7 db 8b 4f 0c 83 e3 fd 89 44 24 24 89 e0 25 00 e0 ff ff 8b 00  
8b 80 d4 05 00 00 8b 80 e8 02 00 00 <8b> 40 40 89 4c 24 30 88 5c 24 39 c7 44 24 7c 00 00 00  
00 89 44

EIP: [<c05b85e3>] \_\_ip\_route\_output\_key+0xf7/0x822 SS:ESP 0068:c5dedd90

Kernel panic - not syncing: Fatal exception

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic

Posted by [den](#) on Sat, 28 Jul 2007 09:44:16 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Are there any debug printks above the OOPS?

Regards,  
Den

---

---

Subject: Re: **\*NOT SOLVED\*** vzmond hanging during vzctl stop - ends in panic

Posted by [jochum](#) on Sat, 28 Jul 2007 19:10:53 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi Den:

Nothing was printed above the kernel oops on the console, but I did find the following in /var/log/messages:

```
Jul 28 14:00:43 lss-host40 automount[6771]: umount_multi: could not stat fs of /home/prj
```

```
Jul 28 14:00:50 lss-host40 kernel: VE: 200: started
```

```
Jul 28 14:00:56 lss-host40 kernel: BUG: unable to handle kernel NULL pointer dereference at virtual address 00000040
```

thanks,

Paul

---

---

Subject: Re: **\*NOT SOLVED\*** vzmond hanging during vzctl stop - ends in panic

Posted by [den](#) on Tue, 31 Jul 2007 10:51:22 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Here a correct patch, I beleive. The patch is against 028stab039.

Regards,  
Den

#### File Attachments

1) [diff-ve-nfsstop-d-20070731](#), downloaded 525 times

---

---

Subject: Re: **\*NOT SOLVED\*** vzmond hanging during vzctl stop - ends in panic

Posted by [jochum](#) on Tue, 31 Jul 2007 22:48:31 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi Den:

In my limited testing, I can't get the system to panic any longer, but it does seem to corrupt NFS when I stop a VPS now, which causes the system to hang.

I built ovzkernel-2.6.18-8.1.4.el5.028stab039.1.src.rpm, with the following patches:  
diff-ve-opsemunit-20070723.patch  
diff-ve-nfsstop-b-20070704.patch  
diff-ve-nfsstop-d-20070731.patch

I do not get a kernel dump, but in /var/log/messages, I received:  
Jul 31 13:43:28 lss-host40 kernel: portmap: RPC call returned error 101  
Jul 31 13:43:28 lss-host40 kernel: RPC: failed to contact portmap (errno -101).

thanks,

Paul

---

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic  
Posted by [den](#) on Wed, 01 Aug 2007 05:26:26 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi, Paul!

Have you umounted the NFS share from userspace during normal VE stop sequence? If the NFS is forcibly umounted from kernel, it CAN be corrupted.

Though, the hang should be investigated. We do not see it in our environment, again. Is it possible to press Alt-SysRq-P several times and Alt-SysRq-T after that after the hang and send the calltraces to me?

Regards,  
Den

---

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic  
Posted by [jochum](#) on Wed, 01 Aug 2007 22:34:03 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi Den:

Here is the output, hope it helps.

thanks,

Paul

(ps - I know, I have a lot of processes running on the host, a lot more than normally needed, someday, I might even get a chance of cleaning some of them up )

---

## File Attachments

1) [alt-t-p](#), downloaded 502 times

---

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic  
Posted by [den](#) on Thu, 02 Aug 2007 07:34:39 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi, Paul!

The log shows where the deadlock occurs, so I can start to think. Though, I have a small question. Do you use IPv6 in your environment?

Regards,  
Den

---

---

Subject: Re: vzmond hanging during vzctl stop - ends in panic  
Posted by [jochum](#) on Thu, 02 Aug 2007 11:16:07 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi Den:

No, we don't use IPv6.

Paul

---

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic  
Posted by [den](#) on Mon, 06 Aug 2007 09:45:17 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hello, Paul!

A small, but important question. Do you have an appropriate script inside the VE, which will unmount it during normal runlevel stop process? I think this should work well as a temporary solution.

I am trying to solve the problem from kernel point of view, but there no quite a good solution for now.

Regards,  
Den

---

---

Subject: Re: \*NOT SOLVED\* vzmond hanging during vzctl stop - ends in panic  
Posted by [jochum](#) on Mon, 06 Aug 2007 14:16:02 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi Den:

Up till now, I have not been unmounting the file systems on shutdown. I will be out of the office this week, but will add that to my scripts next week, and see if that clears the problem.

thanks, and I hope you have a good week,

Paul

---

---

Subject: Re: vzmond hanging during vzctl stop - ends in panic  
Posted by [bbjwp](#) on Wed, 24 Jun 2009 20:35:30 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

We're presently being affected by this bug on both:

- \* 2.6.18-92.1.18.el5.028stab060.8
- \* 2.6.18-128.1.1.el5.028stab062.3

We're using CentOS 5.3 templates with NFS mounted. Unmounting the NFS before a shut down does not resolve this for us: We still get the 0 NPROC listed and the 100% CPU for vzmond/7279.

We have other hosts where this isn't a problem, but on this particular setup, we've confirmed this issue across 6 machines.

Nothing shows up in /var/log/messages or dmesg.

Yesterday, the containers stopped after a while (20 minutes?). Today, they seem to just be hanging.

---