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

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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