
Subject: Re: Seeing BAD errors on OpenVZ Hardware node?

Posted by [joelee](#) on Sun, 17 Feb 2008 18:16:09 GMT

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Here's a partial snippet of a syslog capture I took.

```
a4 5e 89 c8 5f c3 57 85 c9 56 89 c7 89 d6 79 0b <0f> 0b 66 b8 cd 02 b8 79 dc 29 c0 89 c8 83 f9
07 76 17 89 f9 f7
Feb 14 22:01:37 ovzh kernel: EIP: [<c01b5333>]
[B]__copy_to_user_ll+0xa/0x3a SS:ESP 0068:c69d1ebc[/B]
Feb 14 22:01:37 ovzh kernel: -----[ cut here ]-----
[B]Feb 14 22:01:37 ovzh kernel: kernel BUG at arch/i386/lib/usercopy.c:717![/B]
[B]Feb 14 22:01:37 ovzh kernel: invalid opcode: 0000 [#3][/B]
Feb 14 22:01:37 ovzh kernel: SMP
Feb 14 22:01:38 ovzh kernel: Modules linked in: simfs vznetdev vzethdev vzrst ip_nat vzcpt
ip_conntrack nfnetlink vz
dquota vzmon vzdev xt_length ipt_ttl xt_tcpmss ipt_TCPMSS iptable_mangle iptable_filter
xt_multiport xt_limit ipt_to
s ipt_REJECT ip_tables x_tables ipv6 button ac battery dm_snapshot dm_mirror dm_mod loop
tsdev parport_pc parport fl
oppy serio_raw rtc shpchp pci_hotplug psmouse ppcspkr intel_agp i2c_piix4 i2c_core agpgart
evdev ext3 jbd mbcache sd_
mod ide_cd cdrom generic mptspi mptscsih mptbase scsi_transport_spi pcnet32 mii scsi_mod piix
ide_core thermal proce
ssor fan
Feb 14 22:01:38 ovzh kernel: CPU: 0, VCPU: 201.0
Feb 14 22:01:38 ovzh kernel: EIP: 0060:[<c01b5333>] Not tainted VLI
Feb 14 22:01:38 ovzh kernel: EFLAGS: 00010286 (2.6.18-openvz-12-1-686 #1)
[B]Feb 14 22:01:38 ovzh kernel: EIP is at __copy_to_user_ll+0xa/0x3a[/B]
Feb 14 22:01:38 ovzh kernel: eax: bf800fbb ebx: 00000005 ecx: d1e86805 edx: f744a908
Feb 14 22:01:38 ovzh kernel: esi: f744a908 edi: bf800fbb ebp: f5cf16f4 esp: ea137ebc
Feb 14 22:01:38 ovzh kernel: ds: 007b es: 007b ss: 0068
Feb 14 22:01:38 ovzh kernel: Process chgrp (pid: 19227, veid: 201, ti=ea136000 task=f77e27c0
task.ti=ea136000)
Feb 14 22:01:38 ovzh kernel: Stack: 000007b0 bf800fbb c0186ead ea137fbc dfab2a00 f5cf16c0
f665c180 00000004
Feb 14 22:01:38 ovzh kernel: 000200d2 f5c58c00 08048000 00000000 00000001 f5a60e40
00000002 0805074c
Feb 14 22:01:38 ovzh kernel: 00000000 b7fc6c20 b7fc6000 08048000 0804f3c0 080503c0
080505e8 00000001
Feb 14 22:01:38 ovzh kernel: Call Trace:
Feb 14 22:01:38 ovzh kernel: [<c0186ead>] load_elf_binary+0xdd2/0x1416
Feb 14 22:01:38 ovzh kernel: [<c0169170>] copy_strings+0x1b4/0x1be
Feb 14 22:01:38 ovzh kernel: [<c0169216>] search_binary_handler+0x75/0x1d4
Feb 14 22:01:38 ovzh kernel: [<c016ac1a>] do_execve+0x16b/0x1e9
Feb 14 22:01:38 ovzh kernel: [<c010132d>] sys_execve+0x2a/0x73
Feb 14 22:01:38 ovzh kernel: [<c010295f>] syscall_call+0x7/0xb
Feb 14 22:01:38 ovzh kernel: Code: 07 76 17 89 f9 f7 d9 83 e1 07 29 c8 f3 a4 89 c1 c1 e9 02 83
```

```
e0 03 f3 a5 89 c1 f3
a4 5e 89 c8 5f c3 57 85 c9 56 89 c7 89 d6 79 0b <0f> 0b 66 b8 cd 02 b8 79 dc 29 c0 89 c8 83 f9
07 76 17 89 f9 f7
Feb 14 22:01:38 ovzh kernel: EIP: [<c01b5333>] __copy_to_user_ll+0xa/0x3a SS:ESP
0068:ea137ebc
Feb 14 22:01:38 ovzh kernel: here ]-----
Feb 14 22:01:38 ovzh kernel: kernel BUG at arch/i386/lib/usercopy.c:717!
[B]Feb 14 22:01:38 ovzh kernel: invalid opcode: 0000 [#6][/B]
Feb 14 22:01:38 ovzh kernel: SMP
Feb 14 22:01:38 ovzh kernel: Modules linked in: simfs vznetdev vzethdev vzrst ip_nat vzcpt
ip_conntrack nfnetlink vz
dquota vzmon vzdev xt_length ipt_ttl xt_tcpmss ipt_TCPMSS iptable_mangle iptable_filter
xt_multiport xt_limit ipt_to
s ipt_REJECT ip_tables x_tables ipv6 button ac battery dm_snapshot dm_mirror dm_mod loop
tsdev parport_pc parport fl
oppy serio_raw rtc shpchp pci_hotplug psmouse pcspkr intel_agp i2c_piix4 i2c_core agpgart
evdev ext3 jbd mbcache sd_
mod ide_cd cdrom generic mptspi mptscsih mptbase scsi_transport_spi pcnet32 mii scsi_mod piix
ide_core thermal proce
ssor fan
Feb 14 22:01:38 ovzh kernel: CPU: 0, VCPU: 105.0
Feb 14 22:01:38 ovzh kernel: EIP: 0060:[<c01b5333>] Not tainted VLI
Feb 14 22:01:38 ovzh kernel: EFLAGS: 00010286 (2.6.18-openvz-12-1-686 #1)
Feb 14 22:01:38 ovzh kernel: EIP is at __copy_to_user_ll+0xa/0x3a
Feb 14 22:01:38 ovzh kernel: eax: bff0ac0b ebx: 00000005 ecx: c9725205 edx: f54ddf08
Feb 14 22:01:38 ovzh kernel: esi: f54ddf08 edi: bff0ac0b ebp: f054f174 esp: f2065ebc
Feb 14 22:01:38 ovzh kernel: ds: 007b es: 007b ss: 0068
Feb 14 22:01:38 ovzh kernel: Process grep (pid: 19258, veid: 105, ti=f2064000 task=f560a150
task.ti=f2064000)
Feb 14 22:01:39 ovzh kernel: Stack: 000007b8 bff0ac0b c0186ead f2065fbc f5505200 f054f140
f665cc80 00000003
Feb 14 22:01:39 ovzh kernel: 00000246 f5551900 08048000 00000000 00000001 f5a60cc0
00000002 0805fc5c
Feb 14 22:01:39 ovzh kernel: 00000000 b7fe87b0 b7fe8000 08048000 0805ea84 0805f000
0805f28c 00000001
Feb 14 22:01:39 ovzh kernel: Call Trace:
Feb 14 22:01:39 ovzh kernel: [<c0186ead>] load_elf_binary+0xdd2/0x1416
Feb 14 22:01:39 ovzh kernel: [<c0169170>] copy_strings+0x1b4/0x1be
Feb 14 22:01:39 ovzh kernel: [<c0169216>] search_binary_handler+0x75/0x1d4
Feb 14 22:01:39 ovzh kernel: [<c016ac1a>] do_execve+0x16b/0x1e9
Feb 14 22:01:39 ovzh kernel: [<c010132d>] sys_execve+0x2a/0x73
Feb 14 22:01:39 ovzh kernel: [<c010295f>] syscall_call+0x7/0xb
Feb 14 22:01:39 ovzh kernel: Code: 07 76 17 89 f9 f7 d9 83 e1 07 29 c8 f3 a4 89 c1 c1 e9 02 83
e0 03 f3 a5 89 c1 f3
a4 5e 89 c8 5f c3 57 85 c9 56 89 c7 89 d6 79 0b <0f> 0b 66 b8 cd 02 b8 79 dc 29 c0 89 c8 83 f9
07 76 17 89 f9 f7
Feb 14 22:01:39 ovzh kernel: EIP: [<c01b5333>] __copy_to_user_ll+0xa/0x3a SS:ESP
0068:f2065ebc
```

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Feb 14 22:01:39 ovzh kernel: -----[ cut here ]-----
Feb 14 22:01:39 ovzh kernel: kernel BUG at arch/i386/lib/usercopy.c:717!
Feb 14 22:01:39 ovzh kernel: invalid opcode: 0000 [#7]
Feb 14 22:01:39 ovzh kernel: SMP
Feb 14 22:01:40 ovzh kernel: Modules linked in: simfs vznetdev vzethdev vzrst ip_nat vzcpt
ip_contrack nfnetlink vz
dquota vzmon vzdev xt_length ipt_ttl xt_tcpmss ipt_TCPMSS iptable_mangle iptable_filter
xt_multiport xt_limit ipt_to
s ipt_REJECT ip_tables x_tables ipv6 button ac battery dm_snapshot dm_mirror dm_mod loop
tsdev parport_pc parport fl
oppy serio_raw rtc shpchp pci_hotplug psmouse pcspkr intel_agp i2c_piix4 i2c_core agpgart
evdev ext3 jbd mbcache sd_
mod ide_cd cdrom generic mptspi mptscsih mptbase scsi_transport_spi pcnet32 mii scsi_mod piix
ide_core thermal proce
ssor fan
Feb 14 22:01:40 ovzh kernel: CPU: 0, VCPU: 105.0
Feb 14 22:01:40 ovzh kernel: EIP: 0060:[<c01b5333>] Not tainted VLI
Feb 14 22:01:40 ovzh kernel: EFLAGS: 00010286 (2.6.18-openvz-12-1-686 #1)
Feb 14 22:01:40 ovzh kernel: EIP is at __copy_to_user_ll+0xa/0x3a
Feb 14 22:01:40 ovzh kernel: eax: bfa02eab ebx: 00000005 ecx: e0ac6f05 edx: f54ddf08
Feb 14 22:01:40 ovzh kernel: esi: f54ddf08 edi: bfa02eab ebp: f054f834 esp: cc431ebc
Feb 14 22:01:40 ovzh kernel: ds: 007b es: 007b ss: 0068
Feb 14 22:01:40 ovzh kernel: Process sh (pid: 19264, veid: 105, ti=cc430000 task=f786a090
task.ti=cc430000)
Feb 14 22:01:40 ovzh kernel: Stack: 000007b8 bfa02eab c0186ead cc431fbc f595c600 f054f800
f665cc80 00000003
Feb 14 22:01:40 ovzh kernel: 00000246 f4f773c0 08048000 00000000 00000001 f5a60cc0
00000002 080f2c48
Feb 14 22:01:40 ovzh kernel: 00000000 b7f6f7b0 b7f6f000 08048000 080e8520 080e9520
080ee064 00000001
Feb 14 22:01:40 ovzh kernel: Call Trace:
Feb 14 22:01:40 ovzh kernel: [<c0186ead>] load_elf_binary+0xdd2/0x1416
Feb 14 22:01:40 ovzh kernel: [<c0169170>] copy_strings+0x1b4/0x1be
Feb 14 22:01:40 ovzh kernel: [<c0169216>] search_binary_handler+0x75/0x1d4
Feb 14 22:01:40 ovzh kernel: [<c016ac1a>] do_execve+0x16b/0x1e9
Feb 14 22:01:40 ovzh kernel: [<c010132d>] sys_execve+0x2a/0x73
Feb 14 22:01:40 ovzh kernel: [<c010295f>] syscall_call+0x7/0xb
Feb 14 22:01:40 ovzh kernel: Code: 07 76 17 89 f9 f7 d9 83 e1 07 29 c8 f3 a4 89 c1 c1 e9 02 83
e0 03 f3 a5 89 c1 f3
a4 5e 89 c8 5f c3 57 85 c9 56 89 c7 89 d6 79 0b <0f> 0b 66 b8 cd 02 b8 79 dc 29 c0 89 c8 83 f9
07 76 17 89 f9 f7
Feb 14 22:01:40 ovzh kernel: EIP: [<c01b5333>] __copy_to_user_ll+0xa/0x3a SS:ESP
0068:cc431ebc
Feb 14 22:01:40 ovzh kernel: -----[ cut here ]-----
Feb 14 22:01:40 ovzh kernel: kernel BUG at arch/i386/lib/usercopy.c:717!
Feb 14 22:01:40 ovzh kernel: invalid opcode: 0000 [#8]
Feb 14 22:01:40 ovzh kernel: SMP
Feb 14 22:01:40 ovzh kernel: Modules linked in: simfs vznetdev vzethdev vzrst ip_nat vzcpt
```

```
ip_conntrack nfnetlink vz
dquota vzmon vzdev xt_length ipt_ttl xt_tcpmss ipt_TCPMSS iptable_mangle iptable_filter
xt_multiport xt_limit ipt_to
s iptl_agp i2c_piix4 i2c_core agpgart evdev ext3 jbd mbcache sd_mod ide_cd cdrom generic
mptspi mptscsih mptbase scsi
i_transport_spi pcnet32 mii scsi_mod piix ide_core thermal processor fan
Feb 14 22:01:40 ovzh kernel: CPU: 0, VCPU: 105.0
Feb 14 22:01:40 ovzh kernel: EIP: 0060:[<c01b5333>] Not tainted VLI
Feb 14 22:01:40 ovzh kernel: EFLAGS: 00010286 (2.6.18-openvz-12-1-686 #1)
Feb 14 22:01:40 ovzh kernel: EIP is at __copy_to_user_ll+0xa/0x3a
Feb 14 22:01:40 ovzh kernel: eax: bf8f4fdb ebx: 00000005 ecx: b9a9c205 edx: f54ddf08
Feb 14 22:01:40 ovzh kernel: esi: f54ddf08 edi: bf8f4fdb ebp: f054f2f4 esp: ef73de04
Feb 14 22:01:40 ovzh kernel: ds: 007b es: 007b ss: 0068
Feb 14 22:01:40 ovzh kernel: Process S20makedev (pid: 19276, veid: 105, ti=ef73c000
task=f6b3c0d0 task.ti=ef73c000)
```

That's all I have... I don't think I save the /var/log/messages... The above is the syslog messages that I got.

Hope that can help!

Joe
