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Subject: eth0 disconnects

Posted by [EC\\_Chris](#) on Fri, 11 Nov 2011 15:48:39 GMT

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Hello,

I've been having a problem with my OpenVZ server where eth0 randomly stops working and the only way I can bring it back up is by logging in to the KVM and rebooting the server. There doesn't seem to be a pattern as to when this happens. Below is what is reported in /var/log/messages

```
Nov 11 00:05:56 ec-host1 kernel: [ 5875.921503] -----[ cut here ]-----
Nov 11 00:05:56 ec-host1 kernel: [ 5875.921523] WARNING: at net/sched/sch_generic.c:267
dev_watchdog+0x26d/0x280() (Not tainted)
Nov 11 00:05:56 ec-host1 kernel: [ 5875.921540] Hardware name: X9SCL/X9SCM
Nov 11 00:05:56 ec-host1 kernel: [ 5875.921549] NETDEV WATCHDOG: eth0 (e1000e): transmit
queue 0 timed out
Nov 11 00:05:56 ec-host1 kernel: [ 5875.921563] Modules linked in: xt_pkttype vzethdev simfs
vzrst vzcpt nfs lockd fscache nfs_acl auth_rpcgss sunrpc vxdquota ip6table_mangle vzevent
ipmi_devintf ipmi_si ipmi_msghandler vznetdev vzmon vzdev nf_nat_ftp iptable_nat nf_nat
xt_length xt_hl xt_tcpmss xt_TCPMSS iptable_mangle xt_multiport xt_limit nf_conntrack_ftp
ipt_LOG xt_DSCP xt_dscp ipt_REJECT nf_conntrack_ipv4 nf_defrag_ipv4 iptable_filter ip_tables
ip6t_REJECT nf_conntrack_ipv6 nf_defrag_ipv6 xt_state nf_conntrack ip6table_filter ip6_tables
ipv6 serio_raw ghes hed i2c_i801 i2c_core sg iTCO_wdt iTCO_vendor_support e1000e ext4
mbcache jbd2 raid1 sd_mod crc_t10dif ahci dm_mod [last unloaded: scsi_wait_scan]
Nov 11 00:05:56 ec-host1 kernel: [ 5875.922394] Pid: 0, comm: swapper Not tainted
2.6.32-042stab039.10 #1
Nov 11 00:05:56 ec-host1 kernel: [ 5875.922479] Call Trace:
Nov 11 00:05:56 ec-host1 kernel: [ 5875.922552] <IRQ> [<ffffffff81069407>] ?
warn_slowpath_common+0x87/0xc0
Nov 11 00:05:56 ec-host1 kernel: [ 5875.922634] [<ffffffff810694f6>] ?
warn_slowpath_fmt+0x46/0x50
Nov 11 00:05:56 ec-host1 kernel: [ 5875.922711] [<ffffffff8142ad7d>] ?
dev_watchdog+0x26d/0x280
Nov 11 00:05:56 ec-host1 kernel: [ 5875.922788] [<ffffffff81111db3>] ?
perf_pmu_enable+0x33/0x40
Nov 11 00:05:56 ec-host1 kernel: [ 5875.922866] [<ffffffff8107d004>] ?
run_timer_softirq+0x1c4/0x390
Nov 11 00:05:56 ec-host1 kernel: [ 5875.922944] [<ffffffff81057c4f>] ? scheduler_tick+0xdf/0x280
Nov 11 00:05:56 ec-host1 kernel: [ 5875.923020] [<ffffffff8142ab10>] ? dev_watchdog+0x0/0x280
Nov 11 00:05:56 ec-host1 kernel: [ 5875.923097] [<ffffffff81012999>] ? read_tsc+0x9/0x20
Nov 11 00:05:56 ec-host1 kernel: [ 5875.923173] [<ffffffff810722b3>] ?
__do_softirq+0x103/0x260
Nov 11 00:05:56 ec-host1 kernel: [ 5875.923250] [<ffffffff810a1e35>] ?
tick_dev_program_event+0x65/0xc0
Nov 11 00:05:56 ec-host1 kernel: [ 5875.923329] [<ffffffff810971e0>] ?
hrtimer_interrupt+0x140/0x250
Nov 11 00:05:56 ec-host1 kernel: [ 5875.923406] [<ffffffff8100c3cc>] ? call_softirq+0x1c/0x30
Nov 11 00:05:56 ec-host1 kernel: [ 5875.923483] [<ffffffff8100e005>] ? do_softirq+0x65/0xa0
```

Nov 11 00:05:56 ec-host1 kernel: [ 5875.923560] [<ffffffff81071fbd>] ? irq\_exit+0xcd/0xd0  
Nov 11 00:05:56 ec-host1 kernel: [ 5875.923636] [<ffffffff814cc4f0>] ?  
smp\_apic\_timer\_interrupt+0x70/0x9b  
Nov 11 00:05:56 ec-host1 kernel: [ 5875.923714] [<ffffffff8100bd93>] ?  
apic\_timer\_interrupt+0x13/0x20  
Nov 11 00:05:56 ec-host1 kernel: [ 5875.923790] <EOI> [<ffffffff812d6cf0>] ?  
acpi\_idle\_enter\_bm+0x29c/0x2d0  
Nov 11 00:05:56 ec-host1 kernel: [ 5875.923871] [<ffffffff812d6ce9>] ?  
acpi\_idle\_enter\_bm+0x295/0x2d0  
Nov 11 00:05:56 ec-host1 kernel: [ 5875.923949] [<ffffffff813dc607>] ?  
cpuidle\_idle\_call+0xa7/0x140  
Nov 11 00:05:56 ec-host1 kernel: [ 5875.924027] [<ffffffff81009f06>] ? cpu\_idle+0xb6/0x110  
Nov 11 00:05:56 ec-host1 kernel: [ 5875.925587] [<ffffffff814acc45>] ? rest\_init+0x85/0x90  
Nov 11 00:05:56 ec-host1 kernel: [ 5875.925667] [<ffffffff81c20f11>] ? start\_kernel+0x401/0x40d  
Nov 11 00:05:56 ec-host1 kernel: [ 5875.925747] [<ffffffff81c2033a>] ?  
x86\_64\_start\_reservations+0x125/0x129  
Nov 11 00:05:56 ec-host1 kernel: [ 5875.925829] [<ffffffff81c20438>] ?  
x86\_64\_start\_kernel+0xfa/0x109  
Nov 11 00:05:56 ec-host1 kernel: [ 5875.925909] ---[ end trace 5ecbf9fc348c093d ]---  
Nov 11 00:05:56 ec-host1 kernel: [ 5875.925990] e1000e 0000:02:00.0: eth0: Reset adapter

My kernel version is 2.6.32-042stab039.10 and I'm running CentOS 6 on the host.

Thanks for any help!

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Subject: Re: eth0 disconnects

Posted by [mustardman](#) on Sun, 13 Nov 2011 19:04:48 GMT

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Not sure if this is related but CentOS 6.0 has a problem with the kmod driver for the e1000e ethernet chip. It causes loss of connection. Newer kernels have apparently fixed the problem.

However, you should not be having this problem since you are running the latest OpenVZ RHEL 6 kernel which should include the latest e1000e kmod driver.

I thought I should mention it so you can at least be aware of it and perhaps try updating your kmod driver.

<http://bugs.centos.org/view.php?id=5034>

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Subject: Re: eth0 disconnects

Posted by [drift2](#) on Thu, 17 Nov 2011 21:34:11 GMT

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I'm having the same problem did you find a solution yet?

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