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Subject: Re: forcedeth hangs on loading

Posted by [Stephen Hemminger](#) on Fri, 30 Nov 2007 23:00:03 GMT

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On Fri, 30 Nov 2007 10:52:29 +0300

Vasily Averin <[vvs@sw.ru](mailto:vvs@sw.ru)> wrote:

> Hi Ayaz,

>

>

> While testing new OpenVZ kernel based on RHEL5.1 kernel 2.6.18-53.el5 we have

> observed that node loads forcedeth driver too long:

>

> Nov 28 14:04:19 ts49 kjournald starting. Commit interval 5 seconds

> Nov 28 14:04:19 ts49 EXT3-fs: mounted filesystem with ordered data mode.

> ...

> Nov 28 19:34:47 ts49 modprobe D ffff8101ff772120 0 4101 4098

> (NOTLB)

> Nov 28 19:34:47 ts49 ffff8101fe7e1c28 0000000000000086 0000000000000246

> 00000010000200d0

> Nov 28 19:34:47 ts49 ffff8101ff772120 ffff8103ff93c930 000012229b7b3bd7

> 00002bcc55b0dda7

> Nov 28 19:34:47 ts49 ffff8101ff772328 ffff8101ff93a000 ffffffff802de500

> ffff8103ff93c930

> Nov 28 19:34:47 ts49 Call Trace:

> Nov 28 19:34:47 ts49 [<ffffffff80062cc2>] schedule\_timeout+0x8a/0xad

> Nov 28 19:34:47 ts49 [<ffffffff80091bf9>] process\_timeout+0x0/0x5

> Nov 28 19:34:47 ts49 [<ffffffff800925c0>] msleep+0x21/0x2c

> Nov 28 19:34:47 ts49 [<ffffffff8819fc8f>] :forcedeth:nv\_probe+0x873/0xd4d

> Nov 28 19:34:47 ts49 [<ffffffff801427f8>] pci\_device\_probe+0x100/0x180

> Nov 28 19:34:47 ts49 [<ffffffff8019ff2c>] driver\_probe\_device+0x52/0xaa

> Nov 28 19:34:47 ts49 [<ffffffff801a005b>] \_\_driver\_attach+0x65/0xb6

> Nov 28 19:34:47 ts49 [<ffffffff8019fff6>] \_\_driver\_attach+0x0/0xb6

> Nov 28 19:34:47 ts49 [<ffffffff8019f96d>] bus\_for\_each\_dev+0x43/0x6e

> Nov 28 19:34:47 ts49 [<ffffffff8019f5b3>] bus\_add\_driver+0x7e/0x130

> Nov 28 19:34:47 ts49 [<ffffffff801429dc>] \_\_pci\_register\_driver+0x57/0x7e

> Nov 28 19:34:47 ts49 [<ffffffff800aa815>] sys\_init\_module+0x16aa/0x185f

> Nov 28 19:34:47 ts49 [<ffffffff8005e166>] system\_call+0x7e/0x83

> ...

> Nov 28 21:02:02 ts49 eth0: forcedeth.c: subsystem: 010f1:2912 bound to 0000:00:08.0

> Nov 28 21:02:02 ts49 ACPI: PCI Interrupt Link [LMA2] enabled at IRQ 18

> Nov 28 21:02:02 ts49 GSI 22 sharing vector 0x3A and IRQ 22

> Nov 28 21:02:02 ts49 ACPI: PCI Interrupt 0000:00:09.0[A] -> Link [LMA2] -> GSI

> 18 (level, high) -> IRQ 58

> Nov 28 21:02:02 ts49 PCI: Setting latency timer of device 0000:00:09.0 to 64

> Nov 28 21:02:02 ts49

> Nov 28 21:02:02 ts49 forcedeth: using HIGHDMA

> Nov 28 21:02:02 ts49 eth1: forcedeth.c: subsystem: 010f1:2912 bound to 0000:00:09.0

>  
> nv\_probe() was called under semaphore and blocks lots of other modprobe's from  
> loading other drivers.  
>  
> linux-2.6-net-forcedeth-update-to-driver-version-0-60.patch patch from RHEL5.1  
> added the following piece of code to nv\_probe():  
>

Please don't complain about vendor kernel patches on the mainline kernel development list. Complain to the distribution vendor.

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Stephen Hemminger <[shemminger@linux-foundation.org](mailto:shemminger@linux-foundation.org)>

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