

# Excessive Collisions After FC1 Installation

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Fedora/2004-07/6398.html>

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To: fedora-list@redhat.com

I recently installed FC1 (still a little wary of FC2) on a workstation and a laptop. Both had previously been running RH 9; FC1 was installed by paving the hard drive and installing from scratch. Immediately after the upgrade, I noticed a surge in Ethernet collisions and a corresponding decline in network throughput and usability on both systems. Anything that involves reading or writing more than 64k or so — e.g., NFS work, web browsing, Fedora updates — results in collisions, and network activity comes to a screeching halt for several seconds. Removing NFS all together and working entirely off of local disk makes no difference. (Didn't think it would, but it was worth a try.)

The workstation has an Intel EtherExpress Pro 100+, and the laptop has the MiniPCI version of the same. Different cabling, different ports on the switch (and no one else is having problems). The problem has existed with the 2.4.22-1.2115, 2174, and 2188 kernels; I haven't been able to get any versions beyond that because of this collision problem. I've tried both Donald Becker's eeepro100 driver and Intel's e100 driver — no difference on either system. Recompiling the kernel for options specific to the hardware hasn't helped. The only thing I haven't tried, now that I think about it, is compiling the Ethernet driver directly into the kernel instead of as a module, but I'd be shocked if that actually made a difference.

Both systems had been running RH9 with the exact same hardware, and collisions were never a problem. The laptop dual-boots Windows XP Pro, and its network performance is what I'd expect; there's been no observable or quantifiable difference in throughput.

Does anyone have any ideas or suggestions on where I should look? Problems with the driver (either) or its configuration? Or is this one of those "Upgrade to FC2 and call us back" situations?

Thanks!

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## Fedora: Excessive Collisions After FC1 Installation

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