

Re: mii-tool failure

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To: <redhat-list@redhat.com>

Date: Tue, 2 Dec 2003 08:06:27 -0600

> *Hi there,*
>
> *I am investigating a slow link connection I set up between two machines.*
>
> *I installed a second nic in both with a direct utp (crossover) connection*
> *between the two.*
> *The primary LAN connection can transfer data at a very high rate, but the*
> *secondary*
> *direct connection transfer rate is around 1Mb per second at best.*
>
> *The mii tools fails as follows, Is someone able to explain to me why the*
> *mii-tool fails*
> *to determine the second nic details?*

I haven't ever used mii-tools, but I have seen two things that can cause this:

1) If you made the crossover cable yourself, and you weren't extremely careful, you can get bleedover, etc. I have been burned a couple of times, so now I purchase them. Saves the headache. :)

2) I've had problems lately with auto-detect of duplex. I've gotten to the point where I specify full or half duplex, based on the NIC's switch, etc. In your case, you might want to try half-duplex on both cards, then when that works, try full-duplex and see what happens.

Come to think of it, you might want to double check your router table also. You might need a static route stating that all traffic headed for your other machine **has** to go through that other NIC.

HTH,

Ben

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