

Re: Bizarre one-way network disconnection

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2003-08/5726.html>

From: Mark Roach (mrroach_at_okmaybe.com)

Date: 08/30/03

To: Kevin Buhr <buhr@telus.net>

Date: 30 Aug 2003 13:53:50 -0400

On Fri, 2003-08-29 at 20:42, Kevin Buhr wrote:

> *Mark Roach <mrroach@okmaybe.com> writes:*
>>
>> *All of a sudden, the server will reject all network communication on*
>> *eth0, won't respond to pings, no ssh, no samba. (ssh gives the message :*
>> *No route to host) However, if I ssh in through eth1 I am able to ping*
>> *addresses _from_ eth0. If I ifdown eth0 && ifup eth0 everything starts*
>> *working again.*
>
> *Sounds a little like it's not responding to ARPs on the "eth0" side.*
> *Machines that don't already know "eth0"'s MAC address can't send*
> *packets to it until it responds to an ARP request, but it's not a*
> *problem when pinging out, for example, because the target host (or the*
> *router) remembers the IP->MAC mapping when it receives the request*
> *packet and knows where to deliver the reply on that basis.*
>
> *Running "tcpdump" on both the misbehaving host and another host while*
> *trying to (unsuccessfully) ping in to the misbehaving host would*
> *certainly help show what's going on.*

That's a good thought, I had considered that. I think the problem is resolved now though. I replaced the network card and everything has been working just fine. I appreciate your help though.

Thanks,

Mark

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