

## Re: Network problem

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Fedora/2005-02/6148.html>

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**From:** Paul Howarth ([paul\\_at\\_city-fan.org](mailto:paul_at_city-fan.org))

**Date:** 02/23/05

To: For users of Fedora Core releases <[fedora-list@redhat.com](mailto:fedora-list@redhat.com)>

Date: Wed, 23 Feb 2005 07:58:45 +0000

On Wed, 2005-02-23 at 02:11 +0100, Mats Erlandson wrote:

> *What is so strange, is that the computer can talk to all local addresses  
> except the switch (192.168.0.1) and two other computers on the local  
> network can talk to it, all obviously through the switch both ways.  
> This shows that the cabling is OK, and that the problem is probably in  
> the routing on the computer (not allowing it to connect directly to the  
> switch) or in the switch, not accepting communication from the  
> computer. The switch routes properly for the other computers on the  
> network and can be managed from either one (tested) but not from the  
> problem child. If I change the configuration on the computer to use  
> DHCP (and rebooting) the computer does not get (receive/accept) the DHCP  
> configuration and is thus 'dead', i.e. no communication to nor from any  
> computer. Therefore, until the communication to/from the switch is OK I  
> am using a static address. To eliminate hardware faults possible in the  
> ethernet port on the motherboard (eth0) I installed a network card,  
> tested to perform OK in another computer, and disabled the motherboard  
> port using the BIOS. With only an expansion ethernet card active in the  
> computer I made the same tests with the same results. This seems to  
> eliminate network card problem in the computer. My current setup is, as  
> per the first paragraph above, motherboard ethernet port only with  
> static address. Still no joy. I am at a loss.*

Desperate times call for desperate measures. Have you tried a different cable and a different switch port?

Paul.

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