

Networking Problem

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2004-07/4607.html>

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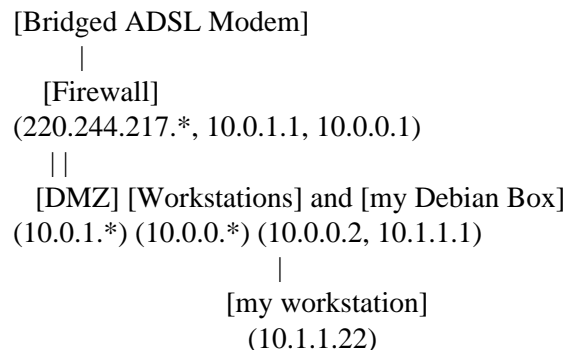
Date: 07/31/04

Date: Sun, 01 Aug 2004 00:53:05 +1000

To: debian-user@lists.debian.org

Hi, I'm having a very strange networking problem that has my linux buddies and I stumped.

I'll draw a basic mud map because it makes it ALOT easier to understand my situation as I have two gateways due to shared housing.



Last week my Debian Box had a hard shutdown due to a knocked out powercable :(and when I rebooted it could no access the internet, other workstations, firewall or DMZ. And neither could my Workstation. The weird thing is, that all the above mentioned machines, can still contact my Debian Box. eg: The Firewall can ping my Debian Box, but my Debian Box can't ping the firewall. My Debian Box is hosting some friends websites and hosts some email accounts, which all still work. From my workstation I can ping my Debian Box and It can ping me, but in order for me to get on the net with my workstation, ive had to plug in with the rest of the workstations (ie: not go through my Debian Box)

I have flushed all iptables rules and set policies to ACCEPT so it is not a firewall problem. I have tried 4 other NIC's and even put the hard drive in another box so it is not a hardware problem. I have also tried switching the IP's of eth0 and eth1 around and even set eth0 to use DHCP (provided by the Firewall)

I cant see anything wrong with my routing table either:

- > *Kernel IP routing table*
- > *Destination Gateway Genmask Flags Metric Ref Use Iface*

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```
> 10.0.0.0 0.0.0.0 255.255.255.0 U 0 0 0 eth0  
> 10.0.0.0 0.0.0.0 255.255.255.0 U 0 0 0 eth1  
> 0.0.0.0 10.0.0.1 0.0.0.0 UG 0 0 0 eth0
```

It's obviously not extra urgent because people can still access their websites and emails from the outside, It's just a pain. I can't even do an 'apt-get upgrade' in the hope of overwriting whatever it stuffing this up.

Hope i've provided enough information and thanks for any help.

– jrb

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