

Re: DHCP address problem after etch upgrade

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2006-02/msg02328.html>

- *From:* jlmb <jlmb@xxxxxxxxxxxxxx>
 - *Date:* Mon, 20 Feb 2006 18:44:36 -0500
-

David Jarvie wrote:

After my latest upgrade this week (I'm running etch), the DHCP address allocated to my machine has changed from being one allocated by my DHCP router to being some external address. This results in the machine on my network not being able to see my machine.

Previously, the router allocated an address with a subnet mask

192.168.0.255.

Now ifconfig is showing 169.254.106.31, which means that the other machine,

which has address 192.168.0.101 can't see me. What is strange is that I'm getting the normal DHCP setup messages on the console:

```
DHCPREQUEST on eth0 to 255.255.255.255 port 67
DHCPREQUEST on eth0 to 255.255.255.255 port 67
DHCPREQUEST on eth0 to 255.255.255.255 port 67
DHCPACK from 192.168.0.1
bound to 192.168.0.100 -- renewal in 302400 seconds.
```

Your router should be providing the same information as before to your PC (assuming you haven't change/updated etc anything on your router). It doesn't make any sense at all. I would try capturing network traffic.

Any trace of the 169.254.106.31 DHCP request? (check /var/log/daemon.log)

Is there any static ip configuration on your /etc/network/interfaces ?

but the actual address is different. I tried disconnecting the router from the

outside world, and the address then was 192.168.0.100 (which is what I

Re: DHCP address problem after etch upgrade

used

to get, and what I want). I presume that when I'm connected, the DHCP

request

is getting transmitted to my ISP and its reply is being picked up and is overwriting the 192.168.0.100 allocated by the router.

The problem seems to be on your router, not your client. Maybe you misconfigured it out somehow. If your router is working as a DHCP server it shouldn't retransmit any requests to your ISP.

What kind of "router" is this?

Is it possible to make dhclient filter out any address which is not 192.168.0.x so that my network works?

Definitely not the way to go I'd say. And I don't know if this can be done.

jorge

To UNSUBSCRIBE, email to debian-user-REQUEST@xxxxxxxxxxxxxxxx with a subject of "unsubscribe". Trouble? Contact listmaster@xxxxxxxxxxxxxxxx