

Debian-User: [totally fixed] Re: Verizon DSL (pppoeconf, WinXp, netgear rt311 don't work)

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Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2003-11/1002.html>

From: DvB (imasu2003_at_yahoo.com)

Date: 11/06/03

Date: Wed, 5 Nov 2003 15:56:05 -0800 (PST)

To: debian-user@lists.debian.org

It finally occurred to me to check the permissions on /etc/resolv.conf and noticed that it's now a symlink to /etc/ppp/resolv.conf Both the directory (/etc/ppp) and the file (resolv.conf) were owned by root and had permissions set so that only owner and group (also root) could read them. After changing permissions, I can now do DNS lookups as user, browse with lynx and, I assume, browse with mozilla but won't find out until I get home.

Stupid of me not to check that earlier. I think one of the options I chose -- or failed to choose -- when I was fooling around with pppoe-rp must've done that (it had an option for "allow user access" or something like that).

--- DvB <imasu2003@yahoo.com> wrote:

> *Once again, please CC me on all replies as I'm not
> subscribed to the list.*
>
> *Verizon called me at around 10pm last night to tell
> me, as I had suspected, that the problem was with
> one
> of their routers and not with anything I was doing.*
>
> *So, my router now gets an IP address and
> everything's
> fine and dandy as far as my router's concerned.
> However, I can only do DNS on my Debian box if I'm
> logged in as root and, even then, only
> nslookup/host/etc or lynx work but not mozilla.*
>
> *If I try host as user, it tells me "Nameserver not
> running" and, if I run mozilla, netscape4 or opera,
> I*

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> *have to type in IP addresses to be able to go*
> *anywhere, otherwise I get "foo.com not found"*
> *errors.*
>
> *Somebody suggested adding PEERDNS=yes to*
> */etc/sysconfig/ifconfig-<ifname> but that doesn't*
> *appear to have worked.*
>
> *Any ideas?*
>
> *Thanks in advance.*
>
>
> *--- DvB <imasu2003@yahoo.com> wrote:*
> *> Please CC me on all replies since I'm not*
> *currently*
> *> subscribed to the list. I start talking about*
> *Debian*
> *> specifically around paragraph 7. You might*
> *consider*
> *> the rest to be slightly OT.*
> *>*
> *> I just got Verizon DSL last week and have yet to*
> *> manage to get online. I was unsuccessful with my*
> *> roommate's WinXP laptop (possibly because*
> *Verizon's*
> *> install CD screwed it up. See*
> *>*
> *>*
> <http://www.wired.com/news/technology/0,1282,52756,00.html>)
> *>*
> *>*
> *> When trying to connect with my Netgear RT311*
> *router,*
> *> I*
> *> get the following after configuring section 4 and*
> *> running the network test:*
> *>*
> *> Start dialing for node <Verizon>...*
> *> ### Hit any key to continue.###*
> *> \$\$\$ DIALING dev=6 ch=0.....*
> *> \$\$\$ OUTGOING–CALL phone(feffffffffffffe)*
> *> \$\$\$ Dial no answer*
> *>*
> *> I'll include my settings at the end of this*
> *message,*
> *> in case anybody has any experience with the RT311*
> *> and*
> *> Verizon DSL. I have a "straight through" cable*
> *> between*
> *> my computer and a hub, which is connected to the*

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> > *router with a crossover cable (I can get an IP
> > address
> > from the router and telnet to it, so I know that
> > part
> > works). I have the router connected to the DSL
> > modem
> > with the cable Verizon provided. I assume it's a
> > straight through.
> >
> > I spent a whole morning talking to Verizon tech
> > support with the laptop and, when I called while
> > trying to get the router working, they informed me
> > that they only support Linksys routers and
> > insisted
> > on
> > knowing which OS I was running, after which they,
> > of
> > course, told me they "don't support Linux."(TM)
> >
> > After this, I went to my office at school and
> > downloaded the Debian pppoe and pppoeconf packages
> > (3.3–1.1 and 0.9.10.6, respectively). After
> > installing
> > them, I ran pppoeconf as root and was told that it
> > found one device, eth0 (a 3Com 3c95x, I think),
> > which
> > was fine. It then proceeded to "scan" or something
> > of
> > the sort, resulting in the following error
> > message:
> >
> > "Sorry, I scanned 1 interface(s), but the Access
> >
> >
> > Concentrator of your provider did not
> > respond. Please check your network and modem
> > cables. Another reason for the scan
> > failure may also be another running pppoe
> > process
> > which controls the modem."
> >
> > I have no idea what other pppoe process might be
> > running. I doubt that there is any. Yes, I did
> > remember to plug the computer directly into the
> > DSL
> > modem rather than the hub/router before trying
> > this.
> >
> > Here's my RT311 config that I said I would
> > include:
> >*

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```
> > Menu 1 – General Setup
> >
> > System Name= myusername
> > Domain Name= verizon.net
> > Edit Dynamic DNS= No
> >
> > Menu 2 – WAN Setup
> >
> > MAC Address:
> > Assigned By= IP address
> > attached on LAN
> > IP Address= 192.168.0.2
> >
> > Menu 3.2 – TCP/IP and DHCP Ethernet Setup
> >
> > DHCP= Server
> > Configuration:
> > Client IP Pool Starting
> > Address=
> > 192.168.0.1
> > Size of Client IP Pool= 32
> > Primary DNS Server= 0.0.0.0
> > Secondary DNS Server=
> > 0.0.0.0
> >
> >
> > TCP/IP Setup:
> > IP Address= 192.168.0.1
> > IP Subnet Mask=
> > 255.255.255.0
> > RIP Direction= Both
> > Version= RIP-1
> > Multicast= None
> >
> > Menu 4 – Internet Access Setup
> >
> > ISP's Name= Verizon
> > Encapsulation= PPPoE
> > Service Type= N/A
> > My Login=
> > myusername@verizon.net
> > My Password= *****
> > Idle Timeout= 0
> >
> > IP Address Assignment= Dynamic
> > IP Address= N/A
> > IP Subnet Mask= N/A
> > Gateway IP Address= N/A
> > Single User Account= Yes
> >
> > Any suggestions would be greatly appreciated.
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> >
> > _____
> > *Do you Yahoo!?*
> > *Protect your identity with Yahoo! Mail*
> *AddressGuard*
> > <http://antispam.yahoo.com/whatsnewfree>
> >
>
>
> _____
> *Do you Yahoo!?*
> *Protect your identity with Yahoo! Mail AddressGuard*
> <http://antispam.yahoo.com/whatsnewfree>
>

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

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