

## Re: adsl router, dhcp works to the router but not the net?

*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/newbies/2004-07/0062.html>

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**From:** Olivier Gautherot (*ogautherot\_at\_freesurf.fr*)

**Date:** 07/15/04

Date: Thu, 15 Jul 2004 23:11:36 +0200

To: Josh <void\_validation@gawab.com>

Hi Josh!

The connection to the net is not automatic – especially with ADSL. If you have another machine that already sets up the connection, you could share it (I do it from time to time with my wife's PC that runs WinXP – please don't flame :-)) In this case a command like the following can help:

```
route add -net 0.0.0.0 192.168.0.1
```

assuming 192.168.0.1 is the address of the gateway.

I suggest you check the command `ppp` – except that the script that comes with the distribution does not always work. I attach another one

Josh wrote:

>Hi,

>

>I'm very new to freebsd, i have managed installing and setting up dhcp, but i cant access the net.

>

>

First of all, welcome to the BSD world!

Do you mean DHCP client?

>i can get to my modem web config all good and fine, but can't access sites.

>

>

You seem to have a clever modem. I wonder whether a simple:

```
route add -net 0.0.0.0 10.0.0.137
```

(assuming the last field is the IP address of your modem) could do the job.

Another thing to investigate is DNS. Try pinging 66.94.230.36 (that's

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www.yahoo.com): if it replies, your problem is the DNS.

>*is there a program within bsd to diagnose this?*

>

>*i used ifconfig but that means nothing.*

>

>

Option -a of ifconfig may give you some additional advice – except that if you don't have a bare ADSL modem, you may not need tunnelling so you may not have a tun0 entry in the list.

Try pinging the modem and the IP address of your service provider's gateway. This will give you some advice regarding the connection itself.

Cheerio

Olivier

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