

Hello -- Routing issues

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From: Ramanan Selvaratnam (*rama_at_ukfsn.org*)

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To: freebsd-newbies@freebsd.org

Hello all,

I am experiencing problems while trying to route a FreeBSD 4.4 system [1] to the internet via an ADSL modem [2].

[FreeBSD install] <---ether--> [ADSL modem] <---PPP ---> {Where I want to get to from the other end}

[1] --

Output of 'uname -a' is as follows....

```
FreeBSD 4.4-RELEASE FreeBSD 4.4-RELEASE #0: Fri Sep 21 01:20:00 GMT 2001
root@bob.freebsd-services.com:/usr/src/sys/compile/GENERIC i386'
```

The network interface has been found and configured after some problems with an embedded Gigabit ethernet interfacethe solution being addition of a PCI based network card even though the manual page (man em) claims support for Gigabit in version 4.4
Apart from this I have tried to configure the routing when very sleepy last night.....

I am familiar with Linux based routing tables but the current state of my BSD installs routing table (output of 'netstat -nr') is beyond me. (I have issued 'routed' on top of unsuccessful attempts at using the 'route' command.....

what is the equivalent of 'route add default gateway x.x.x.x' in Linux?)

Help!

Where should I start to troubleshoot?

[2] --

Dunno whether this is relevant but....

my new ADSL modem ('ADSL ROUTER' is printed in big letters on it!) has an internal IP of 10.0.0.2 by default and with the DHCP setting given to my Linux box (by NAT I guess) I was able to connect to the internet by using the Linux routing command.

Interestingly there is an option for 'RIP configuration' where the

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option RIP among others seems to be disabled by default. ...again not too sure whether this is an issue at this moment.

Enough details?

Best wishes,

Ramanan

freebsd-newbies@freebsd.org mailing list

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