

Re: Help: Sarge network configuration

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2005-08/3644.html>

From: Ben Bettin (bwbettin_at_gmail.com)

Date: 08/30/05

Date: Tue, 30 Aug 2005 11:43:55 -0400

To: weiyun lv <lvweiyun@hotmail.com>

Since it connected with DHCP ok durring install I'm guessing the drivers and everything are ok with your network card. Perhaps your just not supplying enough information in /etc/network/interfaces?

Here's mine:

```
auto lo
iface lo inet loopback
```

```
auto eth0
iface eth0 inet static
    address 10.1.0.59
    netmask 255.255.255.0
    network 10.1.0.0
    broadcast 10.1.0.255
    gateway 10.1.0.254
    dns-nameservers 10.1.0.3
    dns-search mydept.mycompnay.edu
    name Ethernet LAN card
```

To bring an interface down you'd use "ifdown <interface>" as root. So to disable your ethernet you'd do "ifdown eth0". To bring it back up (ie, try to connect again) you'd use "ifup eth0". Make sure to do them as root or nothing will happen.

Hope that helps.

Ben

On 8/30/05, weiyun lv <lvweiyun@hotmail.com> wrote:

```
> hello, I just installed the debian 3.1r0 base system using CDImage file from
> debian.org and want to install others from internet. But now I cann't access
> internet.
>
> during the first stage of installation, DHCP was checked, it works and the
> installation didn't ask me to further config the network. Then in the second
> stage of installation I can not access the listed http or ftp servers for
```

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> *the additional packages.*
>
> *The reason is that DHCP is only valid in our department network and for www*
> *I can only access it through the fixed IP address given to this machine.*
>
>
> *So I edit /etc/network/interfaces as the following and then reboot the*
> *system(I don't know how to enact this file). With command 'base-config', I*
> *still can't be connected to the ftp servers.*
> _____
> *auto lo*
> *iface lo inet loopback*
>
> *auto eht0*
> *iface eth0 inet static*
> *address 141.58.103.144*
> *netmask 255.255.254.0*
> *gateway 141.58.102.20*
> -----
>
> *PS:1. my network card is: D–Link DFE–530TX–PCI–Fast Ethernetadapter(rev.B)*
> *2. this is the boot information which concerns eth0:*
> ...
> *eth0: VIA VT6102 Rhine–II at oxd400 00:50:BA:EB:1C:7D, IRQ 11*
> *eth0: MII PHY found at address 8, status ox7829 advertising 01e1 Link 45e1*
> ...
> *eth0: Setting full–duplex based on MII #8 link partner capability of 45e1*
>
>
>
> --
> *To UNSUBSCRIBE, email to debian–user–REQUEST@lists.debian.org*
> *with a subject of "unsubscribe". Trouble? Contact listmaster@lists.debian.org*
>
>