

## Re: Internet set up

**Source:** <http://linux.derkeiler.com/Newsgroups/linux.redhat.install/2005-05/0024.html>

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**From:** Lenard (*Lenard\_at\_127.0.0.1*)

**Date:** 05/07/05

Date: Sat, 07 May 2005 18:49:21 GMT

Randy wrote:

- > *OK I tried to ping and I can't. At this point I would say that my dns*
- > *isn't set up and my gateway settings are incorrect. I found that*
- > *there*
- > *is an update to my router firmware, so I will go do that now. What*
- > *information do I need to set up the gateway and dns?*

Check your ethernet configuration file and make sure that your gateway to the router is set. Some routers for one reason or another do not supply the information correctly as far as Linux is concerned. The fix is to manually supply the GATEWAY information. The DNS information should be automatically created for you.

Sample /etc/sysconfig/network-scripts/ifcfg-eth0 file;

```
# Realtek|RTL-8139/8139C/8139C+ <--the hardware device
DEVICE=eth0
BOOTPROTO=dhcp
ONBOOT=yes
TYPE=Ethernet
USERCTL=yes
PEERDNS=yes
IPV6INIT=no
GATEWAY=192.168.1.1 <-- your routers internal TCP/IP address here
```

Sample /etc/resolv.conf file;

```
; generated by /sbin/dhclient-script
nameserver 63.251.38.131
nameserver 63.251.38.133
```

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"They that can give up essential liberty to obtain a little temporary safety deserve neither liberty nor safety." -- B. Franklin, 1759