

## redhat 9 – one machine no longer gets network access beyond router

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Hi,

I have a small home network with 2 machines (desktop and laptop, both with RedHat 9) and a dlink router/hub/access point. Both machines access the internet through ethernet connections to the router. Both had been working fine with no problems.

Then I put a pcmcia modem on the laptop so I could use it to access the internet on the road. I disconnected the laptop from the ethernet and set up KPPP to use the modem to access the internet. Once I got this set up, I took out the modem and reattached the laptop to the ethernet network.

Now, however, the laptop will not access the internet or anything beyond the router. The laptop can ping the router, and it can ping the desktop, but when I try to ping a machine on the internet beyond the router, I get:

```
$ ping yahoo.com
PING yahoo.com (66.218.71.198) 56(84) bytes of data.
```

```
---yahoo.com ping statistics---
20 packets transmitted, 0 received, 100% packet loss
```

(so the router [which is also the dns server] successfully resolves the IP address of the remote machine and sends that to the laptop but the laptop cannot send pings [or receive pings?] to/from the remote machine)

I can still ping machines on the internet from the desktop machine with no problem.

So I presume what happened was that setting up kppp changed some configuration files that had been working so now they don't. I haven't been able to figure out what, though.

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Both machines have similar /sbin/route outputs:

```
desktop$ /sbin/route
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
192.168.0.0 * 255.255.255.0 U 0 0 0 eth0
139.254.0.0 * 255.255.0.0 U 0 0 0 eth0
127.0.0.0 * 255.0.0.0 U 0 0 0 lo
default router 0.0.0.0 UG 0 0 0 eth0
desktop$
```

```
laptop$ /sbin/route
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
192.168.0.0 * 255.255.255.0 U 0 0 0 eth0
139.254.0.0 * 255.255.0.0 U 0 0 0 eth0
127.0.0.0 * 255.0.0.0 U 0 0 0 lo
default router 0.0.0.0 UG 0 0 0 eth0
laptop$
```

...and identical resolv.conf files:

```
$ cat /etc/resolv.conf
; generated by /sbin/dhclient-script
search localhost.localdomain
nameserver 192.168.0.1
$
```

Does anybody know what went wrong and how to fix it?